

## **JSR 362 TCK Assertions**

---

**Version 0.2**

Send comments about this document to: [issues@portletspec3.java.net](mailto:issues@portletspec3.java.net)

This document is the portion of the JSR 362 Portlet Specification 3.0 that describes the assertions covered by the JSR 362 Technology Compatibility Kit.

Martin Scott Nicklous (Scott.Nicklous@de.ibm.com)  
IBM Corporation

## 1 Change History

- 20140626 – Initial version to test the document format.

## **2 Version 3.0 Assertions**

Tbd

### 3 Portlet Specification 2.0 Compatibility Assertions

The assertions in this section serve to demonstrate backward compatibility with the Portlet Specification 2.0.

#### 3.1 Specification Assertions

The tests in this section were derived from the JSR 286 specification document.

Class / Section	Keywords	Name	Testable	Description
<b>Addl Portlet Tests</b>				
SPEC2_2	Compatibility	deployJSR168_1	TRUE	A portlet with the JSR 168 deployment descriptor can be deployed
SPEC2_2	Compatibility	deployJSR168_2	TRUE	A portlet implementing only the JSR 168 API can be deployed
SPEC2_5	Number of Portlet Instances	instantiate1	FALSE	In a single-VM environment, the portlet container must instantiate only one portlet object per portlet definition
SPEC2_5	Number of Portlet Instances	instantiate2	FALSE	When the portlet application is marked as distributable in a multiple-VM environment, the portlet container must instantiate only one portlet object per portlet definition per virtual machine
SPEC2_5	Initialization	initialization1	APITEST	The portlet container must initialize the portlet before invoking it to handle requests
SPEC2_5	Initialization	initialization2	APITEST	A PortletConfig object must be passed to the portlet during initialization
SPEC2_5	Initialization	initialization3	APITEST	If the portlet throws an UnavailableException or PortletException during initialization, the portlet container must not place the portlet in service
SPEC2_5	Initialization	initialization4	FALSE	If the portlet throws an UnavailableException or PortletException during initialization, the portlet container must not call the destroy() method
SPEC2_5	Initialization	initialization5	FALSE	If the portlet throws an UnavailableException containing time of unavailability, the portlet container must wait for the specified time to pass before initializing the portlet again
SPEC2_5	Initialization	initialization6	TRUE	A RuntimeException thrown during initialization must be handled as a PortletException
SPEC2_5	End Of Service	destroy1	FALSE	Once the destroy method is called on a portlet object, the portlet container must not route any requests to that portlet object
SPEC2_5	End Of Service	destroy2	FALSE	After destroy(), if the portlet container needs to enable the portlet again, it must do so with a new portlet object, which is a new instance of the portlet's class

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_5	End Of Service	destroy3	FALSE	If the portlet object throws a RuntimeException within the execution of the destroy method the portlet container must consider the portlet object successfully destroyed
SPEC2_5	End Of Service	destroy4	FALSE	After the destroy method completes, the portlet container must release the portlet object so that it is eligible for garbage collection
SPEC2_5	Action Handling	action1	APITEST	If the client request is triggered by an action URL, the portlet container must invoke the processAction method for the target portlet
SPEC2_5	Action Handling	action2	FALSE	During action processing, the portlet container waits for the processAction method to complete before processing any events that were set
SPEC2_5	Action Handling	action3	APITEST	During action processing, the portlet container calls the processEvent method for all portlets receiving events
SPEC2_5	Action Handling	action4	APITEST	After event processing is finished, the portlet container calls the render method for all portlets on the page
SPEC2_5	Action Handling	action5	TRUE	If the portlet issues a redirect during action processing, the portlet container allows the processAction method to complete
SPEC2_5	Action Handling	action6	TRUE	If the portlet issues a redirect during action processing, the portlet container must send the redirect back to the user agent and finalize the request processing.
SPEC2_5	Action Handling	action7	TRUE	If the portlet issues a redirect during action processing, events that were set are not processed
SPEC2_5	Action Handling	exception1	TRUE	If the portlet throws an PortletException in processAction, all operations on the ActionResponse, including set events, must be ignored
SPEC2_5	Action Handling	exception2	TRUE	If the portlet throws a RuntimeException in processAction, all operations on the ActionResponse, including set events, must be ignored
SPEC2_5	Action Handling	exception3	FALSE	If the portlet throws an permanent UnavailableException in processAction, the portlet container must call the destroy method and dispose of the object
SPEC2_5	Render Handling	render1	TRUE	If the client request is triggered by a render URL, the portlet container must invoke the render method for all portlets on the page that do not have valid cache entries
SPEC2_5	Render Handling	render2	FALSE	If the client request is triggered by a render URL, the portlet container may invoke the render method for portlets on the page that have valid cache entries
SPEC2_5	Render Handling	render3	FALSE	If the client request is triggered by a render URL, the portlet container must not invoke the processAction method for any portlet on the page
SPEC2_5	Resource Handling	resource1	TRUE	If the client request is triggered by a resource URL, the portlet container must invoke the serveResource method for the target portlet if its content does not have a valid cache entry
SPEC2_5	Resource Handling	resource2	FALSE	If the client request is triggered by a resource URL, the portlet container may invoke the serveResource method for the target portlet if its content has a valid cache entry

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_5	Resource Handling	resource3	FALSE	If the client request is triggered by a resource URL, the portlet container must not invoke the processAction method for any portlet on the page
SPEC2_5	Event Handling	exception4	TRUE	If the portlet throws a PortletException in processEvent, all operations on the EventResponse, including set events, must be ignored
SPEC2_5	Event Handling	exception5	TRUE	If the portlet throws a RuntimeException in processEvent, all operations on the EventResponse, including set events, must be ignored
SPEC2_5	Event Handling	exception6	FALSE	If the portlet throws a permanent UnavailableException in processEvent, the portlet container must call the destroy method and dispose of the object
SPEC2_5	Render GenericPortlet	actionDispatching1	APITEST	If the ActionRequest.ACTION_NAME parameter is set on the action URL, the GenericPortlet processAction method will dispatch the request to a subclass method annotated with the tag @ProcessAction(name=<action name>)
SPEC2_5	Render GenericPortlet	actionDispatching2	TRUE	If the ActionRequest.ACTION_NAME parameter is not set on the action URL, the GenericPortlet processAction method will throw a PortletException
SPEC2_5	Render GenericPortlet	actionDispatching3	APITEST	If the ActionRequest.ACTION_NAME annotated method cannot be found, the GenericPortlet processAction method will throw a PortletException
SPEC2_5	Render GenericPortlet	eventDispatching1	TRUE	The GenericPortlet processEvent method will dispatch the request to a subclass method annotated with the tag @ProcessEvent(qname=<eventname>), where <eventname> must be in the format provided by QName.toString()
SPEC2_5	Render GenericPortlet	eventDispatching2	TRUE	The GenericPortlet processEvent method will dispatch the request to a subclass method annotated with the tag @ProcessEvent(name=<event_name_local_part>)
SPEC2_5	Render GenericPortlet	eventDispatching6	APITEST	If no matching annotated method is found, the GenericPortlet processEvent method sets the render parameters to match the request parameters
SPEC2_5	Render GenericPortlet	resourceDispatching1	APITEST	If the resource ID is set on the ResourceURL triggering the request, the GenericPortlet serveResource method will forward the request to the value of the resource ID field
SPEC2_5	Render GenericPortlet	resourceDispatching5	APITEST	If the resource ID is not set on the ResourceURL triggering the request, the GenericPortlet serveResource method does nothing
SPEC2_5	Render GenericPortlet	renderDispatching1	APITEST	render - The GenericPortlet render method will set the title returned by the getTitle method
SPEC2_5	Render GenericPortlet	renderDispatching2	APITEST	render - If the Attribute RenderRequest.RENDER_PART is set to RENDER_HEADERS, the doHeaders method is called
SPEC2_5	Render GenericPortlet	renderDispatching3	APITEST	render - If the Attribute RenderRequest.RENDER_PART is set to RENDER_MARKUP, the doDispatch method is called
SPEC2_5	Render GenericPortlet	renderDispatching4	APITEST	render - If the Attribute RenderRequest.RENDER_PART is set to an unknown value, a PortletException is thrown
SPEC2_5	Render GenericPortlet	renderDispatching5	APITEST	render - The GenericPortlet render method will call the doDispatch method
SPEC2_5	Render GenericPortlet	renderDispatching6	APITEST	getTitle - If the GenericPortlet getTitle method is overwritten, the value the method returns will be used as title

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_5	Render GenericPortlet	renderDispatching7	APITEST	getTitle - The GenericPortlet getTitle method will set the title retrieved from the ResourceBundle provided by the PortletConfig
SPEC2_5	Render GenericPortlet	renderDispatching8	TRUE	getTitle - If a ResourceBundle containing the title string is defined in the deployment descriptor, that title string will be used
SPEC2_5	Render GenericPortlet	renderDispatching9	TRUE	getTitle - If a ResourceBundle containing the title string is not defined in the deployment descriptor, the title defined in the portlet descriptor <title> element is used
SPEC2_5	Render GenericPortlet	renderDispatching10	APITEST	doDispatch - If the portlet window state is WindowState.MINIMIZED, the doDispatch method does nothing
SPEC2_5	Render GenericPortlet	renderDispatching11	APITEST	doDispatch - The GenericPortlet doDispatch method will dispatch the request to a subclass method annotated with the tag @RenderMode(name=<portlet mode name>)
SPEC2_5	Render GenericPortlet	renderDispatching17	APITEST	doDispatch - If an annotated method cannot be found, and the portlet mode is VIEW, the doView method is called
SPEC2_5	Render GenericPortlet	renderDispatching18	APITEST	doDispatch - If an annotated method cannot be found, and the portlet mode is EDIT, the doEdit method is called
SPEC2_5	Render GenericPortlet	renderDispatching19	APITEST	doDispatch - If an annotated method cannot be found, and the portlet mode is HELP, the doHelp method is called
SPEC2_5	Render GenericPortlet	renderDispatching20	APITEST	doDispatch - If an annotated method cannot be found and the portlet mode is not VIEW, EDIT, or HELP, a PortletException is thrown
SPEC2_6	Render Config	getResourceBundle1	TRUE	The resource bundle defined in the deployment descriptor <resource-bundle> element can be obtained through the PortletConfig object
SPEC2_6	Render Config	getResourceBundle2	TRUE	If the resource bundle contains a "javax.portlet.title" property, the value defined in the bundle is returned by the corresponding getString method call
SPEC2_6	Render Config	getResourceBundle3	TRUE	If the resource bundle contains a "javax.portlet.short-title" property, the value defined in the bundle is returned by the corresponding getString method call
SPEC2_6	Render Config	getResourceBundle4	TRUE	If the resource bundle contains a "javax.portlet.keywords" property, the value defined in the bundle is returned by the corresponding getString method call
SPEC2_6	Render Config	getDefaultNamespace1	APITEST	The getDefaultNamespace method returns the default namespace set in the <default-namespace> element of the portlet application deployment descriptor
SPEC2_6	Render Config	getPublicRenderParameterNames1	APITEST	The getPublicRenderParameterNames method returns an Enumeration of the public render parameters set in the <supported-publishing-event> element of the portlet application deployment descriptor
SPEC2_6	Render Config	getPublishingEventQnames1	APITEST	The getPublishingEventQnames method returns an Enumeration of the public render parameters set in the <supported-publishing-event> element of the portlet application deployment descriptor

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_6	Render Config	getPublishingEventQnames2	APITEST	The getPublishingEventQnames method returns an empty Enumeration the value XMLConstants.NULL_NS_URI if no <supported-publishing-event> element is set in the portlet application deployment descriptor
SPEC2_6	Render Config	getPublishingEventQnames3	TRUE	getPublishingEventQnames - If the event was defined using the <name> element rather than the <qname> element, default namespace defined with the <default-namespace> element must be added as the event namespace
SPEC2_6	Render Config	getPublishingEventQnames4	TRUE	getPublishingEventQnames - If the event was defined using the <name> element rather than the <qname> element and there is no default namespace defined, the value XMLConstants.NULL_NS_URI must be added as the event namespace
SPEC2_6	Render Config	getProcessingEventQnames1	APITEST	The getProcessingEventQnames method returns an Enumeration of the public render parameters set in the <supported-Processing-event> element of the portlet application deployment descriptor
SPEC2_6	Render Config	getProcessingEventQnames3	TRUE	getProcessingEventQnames - If the event was defined using the <name> element rather than the <qname> element, default namespace defined with the <default-namespace> element must be added as the event namespace
SPEC2_6	Render Config	getProcessingEventQnames4	TRUE	getProcessingEventQnames - If the event was defined using the <name> element rather than the <qname> element and there is no default namespace defined, the value XMLConstants.NULL_NS_URI must be added as the event namespace
SPEC2_6	Render Config	getSupportedLocales1	APITEST	The getSupportedLocales method returns an Enumeration of the supported locales set in the <supported-locale> element of the portlet application deployment descriptor
SPEC2_6	Render Config	getContainerRuntimeOptions1	APITEST	The method returns a Map
SPEC2_6	Render Config	getContainerRuntimeOptions2	APITEST	The returned Map has key type of String
SPEC2_6	Render Config	getContainerRuntimeOptions3	APITEST	The returned Map has value type of String[]
SPEC2_6	Render Config	getContainerRuntimeOptions5	APITEST	The returned Map contains only values defined in the deployment descriptor <container-runtime-option> elements
SPEC2_6	Render Config	getContainerRuntimeOptions6	TRUE	The returned Map contains values defined in the deployment descriptor <container-runtime-option> elements at the portlet application level
SPEC2_6	Render Config	getContainerRuntimeOptions7	TRUE	The returned Map contains values defined in the deployment descriptor <container-runtime-option> elements at the portlet level
SPEC2_6	Render Config	getContainerRuntimeOptions8	TRUE	If the deployment descriptor contains <container-runtime-option> elements defined at both the portlet and the portlet application levels, the returned Map contains a merger of all values
SPEC2_6	Render Config	getContainerRuntimeOptions9	TRUE	If the deployment descriptor contains <container-runtime-option> elements of the same name defined at both the portlet and the portlet application levels, the returned Map contains a the value defined at the portlet level
SPEC2_6	Render Config	getContainerRuntimeOptions10	APITESTS	The returned Map does not contain values not supported by the portlet container

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_6	Render Config 2	getSupportedLocales2	APITEST	The getSupportedLocales method returns an empty Enumeration the value XMLConstants.NULL_NS_URI if no <supported-locale> element is set in the portlet application deployment descriptor
SPEC2_6	Render Config 2	getProcessingEventQnames2	APITEST	The getProcessingEventQnames method returns an empty Enumeration the value XMLConstants.NULL_NS_URI if no <supported-processing-event> element is set in the portlet application deployment descriptor
SPEC2_6	Render Config 2	getResourceBundle8	TRUE	If no resource bundle is defined, the value defined in the deployment descriptor <title> element is returned by the corresponding getString method call
SPEC2_6	Render Config 2	getResourceBundle9	TRUE	If no resource bundle is defined, the value defined in the deployment descriptor <short-title> element is returned by the corresponding getString method call
SPEC2_6	Render Config 2	getResourceBundle10	TRUE	If no resource bundle is defined, the value defined in the deployment descriptor <keywords> element is returned by the corresponding getString method call
SPEC2_6	Render Config 2	getDefaultNamespace2	APITEST	The getDefaultNamespace method returns the value XMLConstants.NULL_NS_URI if no <default-namespace> element is set in the portlet application deployment descriptor
SPEC2_6	Render Config 2	getPublicRenderParameterNames2	APITEST	The getPublicRenderParameterNames method returns an empty Enumeration if no <supported-publishing-event> element is set in the portlet application deployment descriptor
SPEC2_6	Render Config 3	getResourceBundle5	TRUE	If the resource bundle does not contain a "javax.portlet.title" property, the value defined in the deployment descriptor <title> element is returned by the corresponding getString method call
SPEC2_6	Render Config 3	getResourceBundle6	TRUE	If the resource bundle does not contain a "javax.portlet.short-title" property, the value defined in the deployment descriptor <short-title> element is returned by the corresponding getString method call
SPEC2_6	Render Config 3	getResourceBundle7	TRUE	If the resource bundle does not contain a "javax.portlet.keywords" property, the value defined in the deployment descriptor <keywords> element is returned by the corresponding getString method call
SPEC2_8	Portlet Modes	declaringPortletModes1	TRUE	Support for the VIEW mode does not need to be declared in the deployment descriptor
SPEC2_8	Portlet Modes	declaringPortletModes2	TRUE	Support for the HELP mode must be declared in the deployment descriptor
SPEC2_8	Portlet Modes	declaringPortletModes3	TRUE	A custom portlet mode may be declared in the deployment descriptor
SPEC2_8	Portlet Modes	declaringPortletModes4	TRUE	A custom portlet mode with <portal-managed>false</portal-managed> may be declared in the deployment descriptor
SPEC2_8	Portlet Modes	declaringPortletModes5	TRUE	The PortletRequest.isPortletModeAllowed method must return FALSE for a custom portlet mode with <portal-managed>>true</portal-managed> that is not supported by the portlet container

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_8	Portlet Modes	declaringPortletModes6	TRUE	The portlet container must ignore all custom portlet modes in the deployment descriptor with <portal-managed>true</portal-managed> that is not supported by the portlet container
SPEC2_8	Portlet Modes	declaringPortletModes7	TRUE	A custom portlet mode with <portal-managed>>false</portal-managed> corresponds to the VIEW mode from the portal point of view
SPEC2_8	Portlet Modes	declaringPortletModes8	TRUE	A custom portlet mode can have a localized decoration name in the resource bundle with the name of javax.portlet.app.custom-portlet-mode.<name>.decoration-name
SPEC2_8	Portlet Modes	declaringPortletModes9	TRUE	The portlet must not be invoked in a mode that has not been declared to be supported for a given markup type
SPEC2_9	Window States	declaringWindowStates1	TRUE	Support for the NORMAL window state does not need to be declared in the deployment descriptor
SPEC2_9	Window States	declaringWindowStates2	TRUE	Support for the MINIMIZED window state does not need to be declared in the deployment descriptor
SPEC2_9	Window States	declaringWindowStates3	TRUE	Support for the MAXIMIZED window state does not need to be declared in the deployment descriptor
SPEC2_9	Window States	declaringWindowStates4	TRUE	A custom window state may be declared in the deployment descriptor
SPEC2_9	Window States	declaringWindowStates5	TRUE	The PortletRequest.isWindowStateAllowed method must return FALSE for a custom window state that is not supported by the portlet container
SPEC2_9	Window States	declaringWindowStates6	TRUE	The portlet container must ignore all custom window states in the deployment descriptor that are not supported by the portal
SPEC2_9	Window States	declaringWindowStates7	TRUE	The portlet must not be invoked in a window state other than NORMAL, MINIMIZED, or MAXIMIZED that has not been declared to be supported for a given markup type
SPEC2_13	Resource Serving	properties1	APITEST	The setProperty method sets a property with a given name and value
SPEC2_13	Resource Serving	properties2	APITEST	The setProperty method replaces an existing property of the same name
SPEC2_13	Resource Serving	properties3	FALSE	The setProperty method can set HTTP header values to be transported back to the client
SPEC2_13	Resource Serving	properties4	FALSE	If the setProperty method is called after the response has been committed, the property will not be transported back to the client
SPEC2_13	Resource Serving	properties5	APITEST	The addProperty method adds a property with a given name and value
SPEC2_13	Resource Serving	properties6	APITEST	The addProperty method adds a value to an existing property of the same name
SPEC2_13	Resource Serving	properties7	FALSE	The addProperty method can add HTTP header values to be transported back to the client
SPEC2_13	Resource Serving	properties8	FALSE	If the addProperty method is called after the response has been committed, the property will not be transported back to the client
SPEC2_13	Resource Serving	properties9	APITEST	The portlet can use the getProperty method to access single portal property and optionally-available HTTP header values

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_13	Resource Serving	properties10	APITEST	The portlet can use the <code>getProperties</code> method to access multiple portal property and optionally-available HTTP header values by the same property name
SPEC2_13	Resource Serving	properties11	APITEST	The portlet can use the <code>getPropertyNames</code> method to obtain an Enumeration of all available property names
SPEC2_13	Resource Serving	properties12	APITEST	The portlet can access cookies provided by the current request using the <code>getCookies</code> method
SPEC2_13	Resource Serving	properties13	APITEST	The portlet can use the <code>getMethod</code> method to retrieve the HTTP method through which the request was made
SPEC2_13	Resource Serving	properties14	APITEST	The portlet can use the <code>getResourceID</code> method to retrieve the resource ID string set on the <code>ResourceURL</code>
SPEC2_13	Resource Serving	properties15	APITEST	If a resource ID has not been set on the <code>ResourceURL</code> , the <code>getResourceID</code> method must return null
SPEC2_13	Resource Serving	resourceURLs1	APITEST	When a resource URL is invoked, the portlet container must call the <code>serveResource</code> method of the portlet or return a valid cached result for this resource URL
SPEC2_13	Resource Serving	resourceURLs2	TRUE	When a resource URL is invoked, the portlet container must not call the <code>processAction</code> method
SPEC2_13	Resource Serving	resourceURLs3	FALSE	When a resource URL is invoked, the portlet container must not call the <code>processEvent</code> method
SPEC2_13	Resource Serving	resourceURLs4	TRUE	After a resource URL has been created, the portlet mode set on the resource URL cannot be changed
SPEC2_13	Resource Serving	resourceURLs5	TRUE	After a resource URL has been created, the window state set on the resource URL cannot be changed
SPEC2_13	Resource Serving	resourceURLs6	TRUE	After a resource URL has been created, the render parameters set on the resource URL cannot be changed
SPEC2_13	Resource Serving	resourceURLs7	TRUE	After a resource URL has been created, a parameter set on the resource URL is a resource parameter, not a render parameter
SPEC2_13	Resource Serving	resourceURLs8	TRUE	After a resource URL has been created, a parameter set on the URL with the same name as an existing render parameter results in a multivalued parameter containing both the resource parameter values and the render parameter values
SPEC2_13	Resource Serving	resourceURLs9	TRUE	In the resulting multivalued parameter after a resource parameter is added with the same name as a render parameter, the render parameter values must be the last entries in the parameter value array
SPEC2_13	Resource Serving Cache	caching1	TRUE	If portlet URLs are included in the markup, portals / portlet containers must create correct portlet URLs for all text-based markup types.
SPEC2_13	Resource Serving Cache	caching2	TRUE	The portlet can use the <code>setCacheability</code> method to set the cache level for the <code>ResourceURL</code>
SPEC2_13	Resource Serving Cache	caching3	TRUE	If the cache level is not set, a generated resource URL has the cacheability of the request in which it was created

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_13	Resource Serving Cache	cachingFULL1	TRUE	If the cache level is set to FULL, the resource URL does not contain the current render parameters
SPEC2_13	Resource Serving Cache	cachingFULL2	TRUE	If the cache level is set to FULL, the resource URL does not contain the current portlet mode
SPEC2_13	Resource Serving Cache	cachingFULL3	TRUE	If the cache level is set to FULL, the resource URL does not contain the current window state
SPEC2_13	Resource Serving Cache	cachingFULL4	TRUE	If the cache level is set to FULL, the resource URL does not contain the current page state
SPEC2_13	Resource Serving Cache	cachingFULL5	TRUE	In a resource request resulting from triggering a resource URL with cacheability set to FULL, a resource URL with cacheability set to FULL may be generated
SPEC2_13	Resource Serving Cache	cachingFULL6	TRUE	In a resource request resulting from triggering a resource URL with cacheability set to FULL, setting cacheability on a resource URL to PORTLET results in an an <code>IllegalStateException</code>
SPEC2_13	Resource Serving Cache	cachingFULL7	TRUE	In a resource request resulting from triggering a resource URL with cacheability set to FULL, setting cacheability on a resource URL to PAGE results in an an <code>IllegalStateException</code>
SPEC2_13	Resource Serving Cache	cachingFULL8	TRUE	In a resource request resulting from triggering a resource URL with cacheability set to FULL, an attempt to create a render URL results in an an <code>IllegalStateException</code>
SPEC2_13	Resource Serving Cache	cachingFULL9	TRUE	In a resource request resulting from triggering a resource URL with cacheability set to FULL, an attempt to create an action URL results in an an <code>IllegalStateException</code>
SPEC2_13	Resource Serving Cache	cachingPORTLET1	TRUE	If the cache level is set to PORTLET, the resource URL contains the current render parameters
SPEC2_13	Resource Serving Cache	cachingPORTLET2	TRUE	If the cache level is set to PORTLET, the resource URL contains the current portlet mode
SPEC2_13	Resource Serving Cache	cachingPORTLET3	TRUE	If the cache level is set to PORTLET, the resource URL contains the current window state
SPEC2_13	Resource Serving Cache	cachingPORTLET4	TRUE	If the cache level is set to PORTLET, the resource URL does not contain the current page state
SPEC2_13	Resource Serving Cache	cachingPORTLET5	TRUE	In a resource request resulting from triggering a resource URL with cacheability set to PORTLET, a resource URL with cacheability set to FULL may be generated
SPEC2_13	Resource Serving Cache	cachingPORTLET6	TRUE	In a resource request resulting from triggering a resource URL with cacheability set to PORTLET, a resource URL with cacheability set to PORTLET may be generated
SPEC2_13	Resource Serving Cache	cachingPORTLET7	TRUE	In a resource request resulting from triggering a resource URL with cacheability set to PORTLET, setting cacheability on a resource URL to PAGE results in an an <code>IllegalStateException</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_13	Resource Serving Cache	cachingPORTLET8	TRUE	In a resource request resulting from triggering a resource URL with cacheability set to PORTLET, an attempt to create a render URL results in an an <code>IllegalStateException</code>
SPEC2_13	Resource Serving Cache	cachingPORTLET9	TRUE	In a resource request resulting from triggering a resource URL with cacheability set to PORTLET, an attempt to create an action URL results in an an <code>IllegalStateException</code>
SPEC2_13	Resource Serving Cache	cachingPAGE1	TRUE	If the cache level is set to PAGE, the resource URL contains the current render parameters
SPEC2_13	Resource Serving Cache	cachingPAGE2	TRUE	If the cache level is set to PAGE, the resource URL contains the current PAGE mode
SPEC2_13	Resource Serving Cache	cachingPAGE3	TRUE	If the cache level is set to PAGE, the resource URL contains the current window state
SPEC2_13	Resource Serving Cache	cachingPAGE4	TRUE	If the cache level is set to PAGE, the resource URL contains the current page state
SPEC2_13	Resource Serving Cache	cachingPAGE5	TRUE	In a resource request resulting from triggering a resource URL with cacheability set to PAGE, a resource URL with cacheability set to FULL may be generated
SPEC2_13	Resource Serving Cache	cachingPAGE6	TRUE	In a resource request resulting from triggering a resource URL with cacheability set to PAGE, a resource URL with cacheability set to PORTLET may be generated
SPEC2_13	Resource Serving Cache	cachingPAGE7	TRUE	In a resource request resulting from triggering a resource URL with cacheability set to PAGE, a resource URL with cacheability set to PAGE may be generated
SPEC2_13	Resource Serving Cache	cachingPAGE8	TRUE	In a resource request resulting from triggering a resource URL with cacheability set to PAGE, a render URL may be generated
SPEC2_13	Resource Serving Cache	cachingPAGE9	TRUE	In a resource request resulting from triggering a resource URL with cacheability set to PAGE, an action URL may be generated
SPEC2_15	Event	event1	TRUE	Event names are defined in the deployment descriptor
SPEC2_15	Render EventHandling	event2	TRUE	Event value types are defined in the deployment descriptor
SPEC2_15	Render EventHandling	event3	TRUE	The supported publishing events for the portlet are defined in the deployment descriptor
SPEC2_15	Render EventHandling	event4	TRUE	The supported processing events for the portlet are defined in the deployment descriptor
SPEC2_15	Render EventHandling	containerEvent1	OPTION	The portlet container can (but is not required to) raise container events
SPEC2_15	Render EventHandling	containerEvent2	OPTION	A portlet can subscribe to a container event by declaring ethe event in the deployment descriptor through the <supported-processing-event> element
SPEC2_15	Render EventHandling	containerEvent3	OPTION	The predefined container event "wsrp:eventHandlingFailed" can be processed when the portal detects that errors occurred while distributing events

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_15	Render EventHandling	containerEvent4	OPTION	The predefined container event "wsrp:newNavigationalContextScope" can be processed when the portal navigational context changes
SPEC2_15	Render EventHandling	containerEvent5	OPTION	The predefined container event "wsrp:newMode" can be processed when the portlet has been put into a new portlet mode
SPEC2_15	Render EventHandling	containerEvent6	OPTION	The predefined container event "wsrp:newWindowState" can be processed when the portlet has been put into a new window state
SPEC2_15	Event EventHandling	event5	TRUE	The portlet can use the EventRequest.getEvent method to obtain an Event object encapsulating the event name and value
SPEC2_15	Event EventHandling	event6	TRUE	The Event object must always have the name field set
SPEC2_15	Event EventHandling	event7	TRUE	If the Event object has a value set when the event is published, the value must be based on the value defined in the deployment descriptor
SPEC2_15	Event EventHandling	event8	TRUE	If the Event object has a value set when the event is published, the value must be available from the Event object in the processEvent method
SPEC2_15	Event EventHandling	event9	TRUE	If the Event object does not have a value set when the event is published, the Event object available in the processEvent method must not have a value
SPEC2_15	Event EventHandling	event10	TRUE	The Event QName object representing the name can be retrieved through the Event getQname method
SPEC2_15	Event EventHandling	event11	TRUE	The local part of the Event QName object representing the name can be retrieved through the Event getName method
SPEC2_15	Event EventHandling	event12	FALSE	Events are valid only in the current client request and the portlet container must therefore deliver all events within the current client request
SPEC2_15	Event EventHandling	event13	FALSE	Event distribution must be serialized for a specific portlet window per client request so that at any given time a portlet window is only processing one event in the processEvent method for the current client request
SPEC2_15	Event EventHandling	event14	FALSE	Portlet event processing may occur after the processing of the action, if the portlet was target of an action URL, and must be finished before the render phase
SPEC2_15	Event EventHandling	event15	TRUE	If a portlet throws an exception in the processEvent method, all operations on the EventResponse must be ignored
SPEC2_15	Event EventHandling	event16	TRUE	If a portlet throws a permanent UnavailableException during event processing, the portlet container must remove the portlet from service immediately, call the portlet's destroy method, and release the portlet object
SPEC2_15	Event EventHandling	eventProcessEvent1	TRUE	The portlet can publish an event via the setEvent method in the processEvent method
SPEC2_15	Event EventHandling	eventProcessEvent2	TRUE	The portlet can publish an event with its full QName via the setEvent method in the processAction method

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_15	Event EventHandling	eventProcessEvent3	TRUE	The portlet can publish an event with only the local part of the QName via the setEvent method in the processAction method
SPEC2_15	Event EventHandling	eventProcessEvent4	TRUE	If an event is published with only the local part of the QName, the namespace must be the default namespace defined in the deployment descriptor
SPEC2_15	Event EventHandling	eventProcessEvent5	TRUE	If an event is published with only the local part of the QName and no default namespace is defined in the deployment descriptor, the value javax.xml.XMLConstants.NULL_NS_URI must be used as the QName namespace
SPEC2_15	Event EventHandling	eventProcessEvent6	TRUE	If an object is serializable and has a valid JAXB binding or is a Java primitive type, it can be used as an event value
SPEC2_15	Event EventHandling	eventProcessEvent7	TRUE	If a value is not serializable, the setEvent method must throw an IllegalArgumentException
SPEC2_15	Event EventHandling	eventProcessEvent8	TRUE	If a value does not have a valid JAXB binding and is not a Java primitive type, the setEvent method must throw an IllegalArgumentException
SPEC2_15	Event EventHandling	eventProcessEvent9	TRUE	The portlet can publish multiple events via the setEvent method in the processEvent method
SPEC2_15	Event EventHandling	eventProcessEvent10	FALSE	The portlet can publish an event that is not described in the portlet descriptor via the setEvent method in the processEvent method
SPEC2_15	Action EventHandling	eventProcessAction1	TRUE	The portlet can publish an event via the setEvent method in the processAction method
SPEC2_15	Action EventHandling	eventProcessAction2	TRUE	The portlet can publish an event with its full QName via the setEvent method in the processAction method
SPEC2_15	Action EventHandling	eventProcessAction3	TRUE	The portlet can publish an event with only the local part of the QName via the setEvent method in the processAction method
SPEC2_15	Action EventHandling	eventProcessAction4	TRUE	If an event is published with only the local part of the QName, the namespace must be the default namespace defined in the deployment descriptor
SPEC2_15	Action EventHandling	eventProcessAction5	TRUE	If an event is published with only the local part of the QName and no default namespace is defined in the deployment descriptor, the value javax.xml.XMLConstants.NULL_NS_URI must be used as the QName namespace
SPEC2_15	Action EventHandling	eventProcessAction6	TRUE	If an object is serializable and has a valid JAXB binding or is a Java primitive type, it can be used as an event value
SPEC2_15	Action EventHandling	eventProcessAction7	TRUE	If a value is not serializable, the setEvent method must throw an IllegalArgumentException
SPEC2_15	Action EventHandling	eventProcessAction8	TRUE	If a value does not have a valid JAXB binding and is not a Java primitive type, the setEvent method must throw an IllegalArgumentException
SPEC2_15	Action EventHandling	eventProcessAction9	TRUE	The portlet can publish multiple events via the setEvent method in the processAction method
SPEC2_15	Action EventHandling	eventProcessAction10	FALSE	The portlet can publish an event that is not described in the portlet descriptor via the setEvent method in the processAction method

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
<b>Addl Url Tests</b>				
SPEC2_7	Url Render	renderURL0	FALSE	When a render URL is triggered, the processAction method must not be invoked
SPEC2_7	Url Render	renderURL1	TRUE	When a render URL is triggered, the render method must be invoked
SPEC2_7	Url Render	renderURL2	TRUE	When render parameters are set on a render URL, those parameters must become render parameters of the request resulting from triggering the renderURL
SPEC2_7	Url Render	renderURL3	TRUE	When render parameters are set on a render URL, those parameters must become render parameters of the request resulting from triggering the renderURL
SPEC2_7	Url Render	renderURL4	TRUE	Private render parameters can be set on the render URL through the setParameter(String, String) method
SPEC2_7	Url Render	renderURL5	TRUE	Private render parameters can be set on the render URL through the setParameter(String, String[]) method
SPEC2_7	Url Render	renderURL6	TRUE	Private render parameters can be set on the render URL through the setParameterMap(Map<String, String[]>) method
SPEC2_7	Url Render	renderURL7	TRUE	Public render parameters can be set on the render URL through the setParameter(String, String) method
SPEC2_7	Url Render	renderURL8	TRUE	Public render parameters can be set on the render URL through the setParameter(String, String[]) method
SPEC2_7	Url Render	renderURL9	TRUE	Public render parameters can be set on the render URL through the setParameterMap(Map<String, String[]>) method
SPEC2_7	Url Render	renderURL10	TRUE	If a parameter with an existing name is set through one of the setParameter methods, the existing value is replaced with the new value
SPEC2_7	Url Render	renderURL11	TRUE	When a render URL is created, render parameters from the current request are not automatically copied to the new render URL
SPEC2_7	Url Render	renderURL12	FALSE	The portlet-container must "x-www-form-urlencoded" encode parameter names and values added to a render URL object.
SPEC2_7	Url Render	renderURL13	FALSE	If a portal/portlet-container encodes additional information as parameters, it must namespace them properly to avoid collisions with the parameters set and used by the portlet
SPEC2_7	Url Render	portletMode1	TRUE	The portlet may not set a portlet mode that is not defined as supported in the deployment descriptor on a portlet URL
SPEC2_7	Url Render	portletMode2	TRUE	The portlet may not set a portlet mode on a portlet URL that it is not allowed to use
SPEC2_7	Url Render	portletMode3	FALSE	If the portlet mode is set on the URL, portlet mode must be effective for the request triggered by the URL as allowed by the portal
SPEC2_7	Url Render	portletMode4	TRUE	If the portlet mode is not set, the URL must have the portlet mode set for the current request as default

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_7	Url Render	windowState1	TRUE	The portlet may not set a window state that is not defined as supported in the deployment descriptor on a portlet URL
SPEC2_7	Url Render	windowState2	TRUE	The portlet may not set a window state on a portlet URL that it is not allowed to use
SPEC2_7	Url Render	windowState3	FALSE	If the window state is set on the URL, window state must be effective for the request triggered by the URL if allowed by the portal
SPEC2_7	Url Render	windowState4	TRUE	If the window state is not set, the URL must have the window state set for the current request as default
SPEC2_7	Url Render	setSecure1	TRUE	If setSecure is called with the parameter set to TRUE, the transport for the request triggered by the URL must be secure
SPEC2_7	Url Render	setSecure2	FALSE	If setSecure is called with the parameter set to FALSE, the transport for the request triggered by the URL may not be secure
SPEC2_7	Url Render	setSecure3	TRUE	If setSecure is not called, the transport for the request triggered by the URL should be at the same security level as the current request
SPEC2_7	Url Action	actionURL1	TRUE	When a action URL is triggered, the processAction method must be invoked
SPEC2_7	Url Action	actionURL2	TRUE	When action parameters are set on a action URL, those parameters must become action parameters of the request resulting from triggering the actionURL
SPEC2_7	Url Action	actionURL3	TRUE	When action parameters are set on a action URL, those parameters must become action parameters of the request resulting from triggering the actionURL
SPEC2_7	Url Action	actionURL4	TRUE	Action parameters can be set on the action URL through the setParameter(String, String) method
SPEC2_7	Url Action	actionURL5	TRUE	Action parameters can be set on the action URL through the setParameter(String, String[]) method
SPEC2_7	Url Action	actionURL6	TRUE	Action parameters can be set on the action URL through the setParameterMap(Map<String, String[]>) method
SPEC2_7	Url Action	actionURL7	TRUE	If a parameter with an existing name is set through one of the setParameter methods, the existing value is replaced with the new value
SPEC2_7	Url Action	actionURL8	TRUE	When an action URL is created, render parameters from the current request are not automatically copied to the new action URL
SPEC2_7	Url Action	actionURL9	FALSE	The portlet-container must "x-www-form-urlencoded" encode parameter names and values added to a action URL object.
SPEC2_7	Url Action	actionURL10	FALSE	If a portal/portlet-container encodes additional information as parameters, it must namespace them properly to avoid collisions with the parameters set and used by the portlet
SPEC2_7	Url Resource	resourceURL1	TRUE	When a resource URL is triggered, the serveResource method must be invoked
SPEC2_7	Url Resource	resourceURL2	TRUE	When resource parameters are set on a resource URL, those parameters must become resource parameters of the request resulting from triggering the resourceURL

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_7	Url Resource	resourceURL3	TRUE	When resource parameters are set on a resource URL, those parameters must become resource parameters of the request resulting from triggering the resourceURL
SPEC2_7	Url Resource	resourceURL4	TRUE	Resource parameters can be set on the resource URL through the setParameter(String, String) method
SPEC2_7	Url Resource	resourceURL5	TRUE	Resource parameters can be set on the resource URL through the setParameter(String, String[]) method
SPEC2_7	Url Resource	resourceURL6	TRUE	Resource parameters can be set on the resource URL through the setParameterMap(Map<String, String[]>) method
SPEC2_7	Url Resource	resourceURL7	TRUE	If a parameter with an existing name is set through one of the setParameter methods, the existing value is replaced with the new value
SPEC2_7	Url Resource	resourceURL8	TRUE	When a resource URL is created, render parameters from the current request are automatically copied to the new resource URL
SPEC2_7	Url Resource	resourceURL9	TRUE	When a resource URL is created, the automatically copied render parameters are hidden to the ResourceURL getParameter method
SPEC2_7	Url Resource	resourceURL10	FALSE	The portlet-container must "x-www-form-urlencoded" encode parameter names and values added to a ResourceURL object.
SPEC2_7	Url Resource	resourceURL11	FALSE	If a portal/portlet-container encodes additional information as parameters, it must namespace them properly to avoid collisions with the parameters set and used by the portlet
SPEC2_7	Url Listener	portletURLGenerationListene r1	APITEST	A PortletURLGenerationListener may be configured in the deployment descriptor
SPEC2_7	Url Listener	portletURLGenerationListene r2	APITEST	The method filterActionURL method for all action URLs before executing the write or toString method of these action URLs
SPEC2_7	Url Listener	portletURLGenerationListene r3	APITEST	The method filterRenderURL method for all render URLs before executing the write or toString method of these render URLs
SPEC2_7	Url Listener	portletURLGenerationListene r4	APITEST	The method filterResourceURL method for all resource URLs before executing the write or toString method of these resource URLs
SPEC2_7	Url Listener	portletURLGenerationListene r5	APITEST	The portlet container must provide the PortletURL or ResourceURL to generate to the filter methods and execute the write or toString method on the updated PortletURL or ResourceURL that is the outcome of the filter method call
SPEC2_7	Url Listener	portletURLGenerationListene r6	TRUE	If more than one listener is registered the portlet container must chain the listeners in the order of how they appear in the deployment descriptor
<b>Addl Environment Tests</b>				
SPEC2_10	Context	portletContextScope1	FALSE	There is one instance of the PortletContext interface associated with each portlet application deployed into a portlet container
SPEC2_10	Context	portletContextScope2	FALSE	In cases where the container is distributed over many virtual machines, a portlet application will have an instance of the PortletContext interface for each VM

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_10	Context	portletContextServletContext1	TRUE	The initialization parameters accessible through the PortletContext must be the same that are accessible through the ServletContext of the portlet application
SPEC2_10	Context	portletContextServletContext2	TRUE	The context initialization parameters are set in the web.xml file
SPEC2_10	Context	portletContextServletContext3	TRUE	The PortletContext must offer access to the same set of resources the ServletContext exposes
SPEC2_10	Context	portletContextServletContext4	TRUE	The temporary working directory must be accessible as a context attribute through the PortletContext using the attribute name "javax.servlet.context.tempdir"
SPEC2_10	Context	portletContextServletContext6	FALSE	The portlet context must follow the same behavior and functionality that the servlet context has for virtual hosting and reloading considerations
SPEC2_10	Context	getAttribute	TRUE	The PortletContext.getAttribute method provides the same functionality as the ServletContext.getAttribute method
SPEC2_10	Context	getAttributeNames	TRUE	The PortletContext.getAttributeNames method provides the same functionality as the ServletContext.getAttributeNames method
SPEC2_10	Context	getInitParameter	TRUE	The PortletContext.getInitParameter method provides the same functionality as the ServletContext.getInitParameter method
SPEC2_10	Context	getInitParameterNames	TRUE	The PortletContext.getInitParameterNames method provides the same functionality as the ServletContext.getInitParameterNames method
SPEC2_10	Context	getMimeType	TRUE	The PortletContext.getMimeType method provides the same functionality as the ServletContext.getMimeType method
SPEC2_10	Context	getRealPath	TRUE	The PortletContext.getRealPath method provides the same functionality as the ServletContext.getRealPath method
SPEC2_10	Context	getResource	TRUE	The PortletContext.getResource method provides the same functionality as the ServletContext.getResource method
SPEC2_10	Context	getResourcePaths	TRUE	The PortletContext.getResourcePaths method provides the same functionality as the ServletContext.getResourcePaths method
SPEC2_10	Context	getResourceAsStream	TRUE	The PortletContext.getResourceAsStream method provides the same functionality as the ServletContext.getResourceAsStream method
SPEC2_10	Context	log	TRUE	The PortletContext.log method provides the same functionality as the ServletContext.log method
SPEC2_10	Context	removeAttribute	TRUE	The PortletContext.removeAttribute method provides the same functionality as the ServletContext.removeAttribute method
SPEC2_10	Context	setAttribute	TRUE	The PortletContext.setAttribute method provides the same functionality as the ServletContext.setAttribute method
SPEC2_10	Context Options	containerRuntimeOptions1	TRUE	The getContainerRuntimeOptions method returns an enumeration of type String containing the keys of all container runtime options that the current portlet container supports.
SPEC2_10	Context Options	escapeXML1	OPTION	The container runtime option "javax.portlet.escapeXml" can be (but is not required to be) supported by the portlet container

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_10	Context Options	escapeXML2	OPTION	If the escapeXML option is supported and set to TRUE, URLs written to the output stream by the tag library will be URL escaped
SPEC2_10	Context Options	escapeXML3	OPTION	If the escapeXML option is supported and set to FALSE, URLs written to the output stream by the tag library will not be URL escaped
SPEC2_10	Context Options	renderHeaders1	OPTION	The container runtime option "javax.portlet.renderHeaders" can be (but is not required to be) supported by the portlet container
SPEC2_10	Context Options	renderHeaders2	OPTION	If the renderHeaders option is supported and set to TRUE, the render method should be called once with the RENDER_PART attribute set to "RENDER_HEADERS"
SPEC2_10	Context Options	renderHeaders3	OPTION	If the renderHeaders option is supported and set to TRUE, the render method should be called a second time with the RENDER_PART attribute set to "RENDER_MARKUP"
SPEC2_10	Context Options	renderHeaders4	OPTION	If the renderHeaders option is supported and set to FALSE, the render method should be called once with the RENDER_PART attribute not set
SPEC2_10	Context Options	servletDefaultSessionScope1	OPTION	The container runtime option "javax.portlet.servletDefaultSessionScope" can be (but is not required to be) supported by the portlet container
SPEC2_10	Context Options	servletDefaultSessionScope2	OPTION	If the servletDefaultSessionScope option is supported and set to PORTLET_SCOPE, the session variable of included / forwarded servlets or JSPs maps to the portlet session scope
SPEC2_10	Context Options	servletDefaultSessionScope3	OPTION	If the servletDefaultSessionScope option is supported and set to APPLICATION_SCOPE, the session variable of included / forwarded servlets or JSPs maps to the application session scope
SPEC2_10	Context Options	servletDefaultSessionScope4	OPTION	If the servletDefaultSessionScope option is supported and not explicitly set, the session variable of included / forwarded servlets or JSPs maps to the application session scope
SPEC2_10	Context Options	actionScopedRequestAttributes1	TRUE	The container runtime option "javax.portlet.actionScopedRequestAttributes" must be supported by the portlet container
SPEC2_10	Context Options	actionScopedRequestAttributes2	TRUE	If the actionScopedRequestAttributes option is set to TRUE, request attributes that are set in an action persist until a new action occurs
SPEC2_10	Context Options	actionScopedRequestAttributes3	TRUE	If the option is set to TRUE and an attribute is set during an action request, the portlet container sets a render parameter with the name PortletRequest.ACTION_SCOPE_ID ("javax.portlet.as")
SPEC2_10	Context Options	actionScopedRequestAttributes4	TRUE	If the option is set to TRUE and an attribute is set during an action request, the attribute can be accessed in an event request that was initiated by the same action request
SPEC2_10	Context Options	actionScopedRequestAttributes5	TRUE	If the option is set to TRUE and an attribute is set during an action request, the attribute can be accessed in a subsequent render request
SPEC2_10	Context Options	actionScopedRequestAttributes6	TRUE	If the option is set to TRUE, a request attribute set during an event request is persisted in the same manner as an attribute set during action processing

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_10	Context Options	actionScopedRequestAttributes7	TRUE	If the option is set to TRUE, receiving an action starts a new action scope with a new scope ID, all previous attributes are no longer accessible, new attributes can be stored
SPEC2_10	Context Options	actionScopedRequestAttributes8	TRUE	If the option is set to TRUE, receiving a render without an existing scope ID starts a new action scope with a new scope ID, all previous attributes are no longer accessible, new attributes can be stored
SPEC2_10	Context Options	actionScopedRequestAttributes9	TRUE	If the option is set to TRUE, receiving an event without an existing scope ID starts a new action scope with a new scope ID, all previous attributes are no longer accessible, new attributes can be stored
SPEC2_10	Context Options	actionScopedRequestAttributes0	TRUE	If the option is set to TRUE, receiving an event with an existing scope ID after the first render for this scope had occurred starts a new action scope with a new scope ID, all previous attributes are no longer accessible, new attributes can be stored
SPEC2_10	Context Options	actionScopedRequestAttributes11	TRUE	The render parameter PortletRequest.ACTION_SCOPE_ID ("javax.portlet.as") can be removed from a URL in a PortletURLGenerationListener
SPEC2_10	Context Options	actionScopedRequestAttributes12	TRUE	The render parameter PortletRequest.ACTION_SCOPE_ID ("javax.portlet.as") can be removed from a ResourceURL in a PortletURLGenerationListener
SPEC2_10	Context Options	actionScopedRequestAttributes13	TRUE	If the actionScopedRequestAttributes option is set to FALSE, request attributes that are set in an action are released at the end of the request
SPEC2_10	Context Options	actionScopedRequestAttributes14	FALSE	The actionScopedRequestAttributes option can take two additional values - a string which must be "numberOfCachedScopes" followed by an integer <number of cached scopes>
SPEC2_17	Preferences	values1	APITEST	The method getValue returns the String value of the specified portlet preference
SPEC2_17	Preferences	values2	APITEST	If the preference specified in the getValue method has multiple values, the first value in the value array is returned
SPEC2_17	Preferences	values3	APITEST	The method getValues returns the String[] value of the specified portlet preference
SPEC2_17	Preferences	values4	APITEST	The method getNames returns an Enumeration<String> containing the names of the preferences
SPEC2_17	Preferences	values5	APITEST	The method getMap returns a Map<String, String[]> of the preferences and their values
SPEC2_17	Preferences	values6	FALSE	Changing the Map returned by getMap does not change the underlying preferences
SPEC2_17	Preferences	values7	FALSE	When the lifecycle method render is invoked, the PortletPreferences object must reflect the current state of the persistent store
SPEC2_17	Preferences	values8	FALSE	When the lifecycle method processAction is invoked, the PortletPreferences object must reflect the current state of the persistent store
SPEC2_17	Preferences	values9	FALSE	When the lifecycle method processEvent is invoked, the PortletPreferences object must reflect the current state of the persistent store

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_17	Preferences	values10	FALSE	When the lifecycle method <code>serveResource</code> is invoked, the <code>PortletPreferences</code> object must reflect the current state of the persistent store
SPEC2_17	Action Preferences	<code>setValue1</code>	APITEST	The <code>setValue</code> method sets the value of the preference
SPEC2_17	Action Preferences	<code>setValue2</code>	APITEST	The <code>setValue</code> method overwrites any existing single value or multiple value array
SPEC2_17	Action Preferences	<code>setValue3</code>	APITEST	The <code>setValue</code> method allows the preference to be set to the value of null
SPEC2_17	Action Preferences	<code>setValue4</code>	APITEST	If the <code>setValue</code> method is called for a read-only attribute, a <code>ReadOnlyException</code> must be thrown
SPEC2_17	Action Preferences	<code>setValues1</code>	APITEST	The <code>setValues</code> method sets a multiple value array for the preference
SPEC2_17	Action Preferences	<code>setValues2</code>	APITEST	The <code>setValues</code> method overwrites any existing single value or multiple value array
SPEC2_17	Action Preferences	<code>setValues3</code>	APITEST	The <code>setValues</code> method allows any preference attribute in the value array to be set to null
SPEC2_17	Action Preferences	<code>setValues4</code>	TRUE	The <code>setValues</code> method allows the value array to be set to null
SPEC2_17	Action Preferences	<code>setValues5</code>	APITEST	If the <code>setValues</code> method is called for a read-only attribute, a <code>ReadOnlyException</code> must be thrown
SPEC2_17	Action Preferences	<code>reset1</code>	TRUE	The <code>reset</code> method sets the value of the specified preference to its default value. The actual default value itself is implementation-specific and cannot be tested.
SPEC2_17	Action Preferences	<code>reset2</code>	FALSE	The <code>reset</code> method deletes the preference if there is no default value
SPEC2_17	Action Preferences	<code>reset3</code>	APITEST	If the <code>reset</code> method is called for a read-only attribute, a <code>ReadOnlyException</code> must be thrown
SPEC2_17	Action Preferences	<code>store1</code>	TRUE	The <code>store</code> method persists preference changes previously made during the <code>processAction</code> method
SPEC2_17	Action Preferences	<code>store4</code>	TRUE	If preference changes are made during the <code>processAction</code> method, but the method completes without <code>store</code> being called, the preference changes are discarded
SPEC2_17	Action Preferences	<code>deployment3</code>	TRUE	A preference attribute definition may indicate if the attribute is read only
SPEC2_17	Action Preferences	<code>deployment4</code>	TRUE	If a preference attribute definition does not contain the read-only setting, it will be modifiable in the <code>processAction</code> method
SPEC2_17	Action Preferences	<code>deployment7</code>	TRUE	If a preference attribute definition contains the read-only setting, it will not be modifiable in the <code>processAction</code> method
SPEC2_17	Action Preferences	<code>deployment10</code>	TRUE	A preference attribute not defined in the deployment descriptor may be added programmatically in the <code>processAction</code> method
SPEC2_17	Action Preferences	<code>validator1</code>	APITEST	A <code>PreferencesValidator</code> may be configured in the deployment descriptor
SPEC2_17	Action Preferences	<code>validator2</code>	APITEST	The <code>PreferencesValidator</code> <code>validate</code> method is invoked during processing of the <code>PortletPreferences.store</code> method
SPEC2_17	Action Preferences	<code>validator3</code>	APITEST	The <code>validate</code> method is provided with the <code>PortletPreferences</code> object to be validated

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_17	Action Preferences	validator4	APITEST	If the validate method throws a ValidatorException, the preferences must not be written to persistent storage
SPEC2_17	Action Preferences	validator5	APITEST	If the validate method throws a ValidatorException, the exception must be propagated to the portlet
SPEC2_17	Action Preferences	validator6	APITEST	If the validate method does not throw a ValidatorException, the store operation must be completed
SPEC2_17	Event Preferences	setValue1	APITEST	The setValue method sets the value of the preference
SPEC2_17	Event Preferences	setValue2	APITEST	The setValue method overwrites any existing single value or multiple value array
SPEC2_17	Event Preferences	setValue3	APITEST	The setValue method allows the preference to be set to the value of null
SPEC2_17	Event Preferences	setValue4	APITEST	If the setValue method is called for a read-only attribute, a ReadOnlyException must be thrown
SPEC2_17	Event Preferences	setValues1	APITEST	The setValues method sets a multiple value array for the preference
SPEC2_17	Event Preferences	setValues2	APITEST	The setValues method overwrites any existing single value or multiple value array
SPEC2_17	Event Preferences	setValues3	APITEST	The setValues method allows any preference attribute in the value array to be set to null
SPEC2_17	Event Preferences	setValues4	TRUE	The setValues method allows the value array to be set to null
SPEC2_17	Event Preferences	setValues5	APITEST	If the setValues method is called for a read-only attribute, a ReadOnlyException must be thrown
SPEC2_17	Event Preferences	reset1	TRUE	The reset method sets the value of the specified preference to its default value. The actual default value itself is implementation-specific and cannot be tested.
SPEC2_17	Event Preferences	reset2	FALSE	The reset method deletes the preference if there is no default value
SPEC2_17	Event Preferences	reset3	APITEST	If the reset method is called for a read-only attribute, a ReadOnlyException must be thrown
SPEC2_17	Event Preferences	store1	TRUE	The store method persists preference changes previously made during the processAction method
SPEC2_17	Event Preferences	store4	TRUE	If preference changes are made during the processAction method, but the method completes without store being called, the preference changes are discarded
SPEC2_17	Event Preferences	deployment3	TRUE	A preference attribute definition may indicate if the attribute is read only
SPEC2_17	Event Preferences	deployment4	TRUE	If a preference attribute definition does not contain the read-only setting, it will be modifiable in the processAction method
SPEC2_17	Event Preferences	deployment7	TRUE	If a preference attribute definition contains the read-only setting, it will not be modifiable in the processAction method
SPEC2_17	Event Preferences	deployment10	TRUE	A preference attribute not defined in the deployment descriptor may be added programmatically in the processAction method
SPEC2_17	Event Preferences	validator1	APITEST	A PreferencesValidator may be configured in the deployment descriptor

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_17	Event Preferences	validator2	APITEST	The PreferencesValidator validate method is invoked during processing of the PortletPreferences.store method
SPEC2_17	Event Preferences	validator3	APITEST	The validate method is provided with the PortletPreferences object to be validated
SPEC2_17	Event Preferences	validator4	APITEST	If the validate method throws a ValidatorException, the preferences must not be written to persistent storage
SPEC2_17	Event Preferences	validator5	APITEST	If the validate method throws a ValidatorException, the exception must be propagated to the portlet
SPEC2_17	Event Preferences	validator6	APITEST	If the validate method does not throw a ValidatorException, the store operation must be completed
SPEC2_17	Resource Preferences	setValue1	APITEST	The setValue method sets the value of the preference
SPEC2_17	Resource Preferences	setValue2	APITEST	The setValue method overwrites any existing single value or multiple value array
SPEC2_17	Resource Preferences	setValue3	APITEST	The setValue method allows the preference to be set to the value of null
SPEC2_17	Resource Preferences	setValue4	APITEST	If the setValue method is called for a read-only attribute, a ReadOnlyException must be thrown
SPEC2_17	Resource Preferences	setValues1	APITEST	The setValues method sets a multiple value array for the preference
SPEC2_17	Resource Preferences	setValues2	APITEST	The setValues method overwrites any existing single value or multiple value array
SPEC2_17	Resource Preferences	setValues3	APITEST	The setValues method allows any preference attribute in the value array to be set to null
SPEC2_17	Resource Preferences	setValues4	TRUE	The setValues method allows the value array to be set to null
SPEC2_17	Resource Preferences	setValues5	APITEST	If the setValues method is called for a read-only attribute, a ReadOnlyException must be thrown
SPEC2_17	Resource Preferences	reset1	TRUE	The reset method sets the value of the specified preference to its default value. The actual default value itself is implementation-specific and cannot be tested.
SPEC2_17	Resource Preferences	reset2	FALSE	The reset method deletes the preference if there is no default value
SPEC2_17	Resource Preferences	reset3	APITEST	If the reset method is called for a read-only attribute, a ReadOnlyException must be thrown
SPEC2_17	Resource Preferences	store1	TRUE	The store method persists preference changes previously made during the processAction method
SPEC2_17	Resource Preferences	store4	TRUE	If preference changes are made during the processAction method, but the method completes without store being called, the preference changes are discarded

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_17	Resource Preferences	deployment3	TRUE	A preference attribute definition may indicate if the attribute is read only
SPEC2_17	Resource Preferences	deployment4	TRUE	If a preference attribute definition does not contain the read-only setting, it will be modifiable in the processAction method
SPEC2_17	Resource Preferences	deployment7	TRUE	If a preference attribute definition contains the read-only setting, it will not be modifiable in the processAction method
SPEC2_17	Resource Preferences	deployment10	TRUE	A preference attribute not defined in the deployment descriptor may be added programmatically in the processAction method
SPEC2_17	Resource Preferences	validator1	APITEST	A PreferencesValidator may be configured in the deployment descriptor
SPEC2_17	Resource Preferences	validator2	APITEST	The PreferencesValidator validate method is invoked during processing of the PortletPreferences.store method
SPEC2_17	Resource Preferences	validator3	APITEST	The validate method is provided with the PortletPreferences object to be validated
SPEC2_17	Resource Preferences	validator4	APITEST	If the validate method throws a ValidatorException, the preferences must not be written to persistent storage
SPEC2_17	Resource Preferences	validator5	APITEST	If the validate method throws a ValidatorException, the exception must be propagated to the portlet
SPEC2_17	Resource Preferences	validator6	APITEST	If the validate method does not throw a ValidatorException, the store operation must be completed
SPEC2_17	Render Preferences	store7	APITEST	If the store method is invoked within the scope of a render method invocation, it must throw an IllegalStateException
SPEC2_17	Render Preferences	deployment1	TRUE	The portlet definition may define the preference attributes a portlet uses
SPEC2_17	Render Preferences	deployment2	TRUE	A preference attribute definition may include initial default values
SPEC2_18	Sessions	scope1	TRUE	PortletSession objects must be scoped at the portlet application context level
SPEC2_18	Sessions	scope2	TRUE	The portlet container must not share the PortletSession object or the attributes stored in it among different portlet applications or among different user sessions
SPEC2_18	Sessions	scope3	TRUE	Any object stored in the session using the APPLICATION_SCOPE is available to any portlet that belongs to the same portlet application and that handles a request in the same session
SPEC2_18	Sessions	scope4	TRUE	Any Object stored in the session using the PORTLET_SCOPE must be available to the portlet during requests for the same portlet window that stored the object
SPEC2_18	Sessions	scope5	TRUE	The PORTLET_SCOPE object must be stored in the APPLICATION_SCOPE with the attribute name 'javax.portlet.p.<ID>?<ATTRIBUTE_NAME>', where <ID> must be equal to the ID returned by the PortletRequest.getWindowID()
SPEC2_18	Sessions	setAttribute1	TRUE	The setAttribute method can bind an object to the session in PORTLET_SCOPE

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_18	Sessions	setAttribute2	TRUE	The setAttribute method that does not take a scope parameter binds an object to the session in PORTLET_SCOPE
SPEC2_18	Sessions	setAttribute3	TRUE	The setAttribute method can bind an object to the session in APPLICATION_SCOPE
SPEC2_18	Sessions	getAttribute1	TRUE	The getAttribute method is used to retrieve attributes stored in the session in PORTLET_SCOPE
SPEC2_18	Sessions	getAttribute2	TRUE	The getAttribute method that does not take a scope parameter retrieves attributes stored in the session in PORTLET_SCOPE
SPEC2_18	Sessions	getAttribute3	TRUE	The getAttribute method is used to retrieve attributes stored in the session in APPLICATION_SCOPE
SPEC2_18	Sessions	removeAttribute1	TRUE	The removeAttribute method is used to remove attributes stored in the session in PORTLET_SCOPE
SPEC2_18	Sessions	removeAttribute2	TRUE	The removeAttribute method that does not take a scope parameter remove attributes stored in the session in PORTLET_SCOPE
SPEC2_18	Sessions	removeAttribute3	TRUE	The removeAttribute method is used to remove attributes stored in the session in APPLICATION_SCOPE
SPEC2_18	Sessions	getAttributeNames1	TRUE	The getAttributeNames method can retrieve an Enumeration<String> of all attribute names stored in the session in PORTLET_SCOPE
SPEC2_18	Sessions	getAttributeNames2	TRUE	The getAttributeNames method that does not take a scope parameter retrieves an Enumeration<String> of all attribute names stored in the session in PORTLET_SCOPE
SPEC2_18	Sessions	getAttributeNames3	TRUE	The getAttributeNames method can retrieve an Enumeration<String> of all attribute names stored in the session in APPLICATION_SCOPE
SPEC2_18	Sessions	decodeAttributeName1	TRUE	The PortletSessionUtil.decodeAttributeName method returns the attribute name without the prefix for an attribute name retrieved from the HttpSession
SPEC2_18	Sessions	decodeAttributeName2	TRUE	The PortletSessionUtil.decodeAttributeName method returns the attribute name without the prefix for an attribute name retrieved from the PortletSession in APPLICATION_SCOPE
SPEC2_18	Sessions	httpSession1	TRUE	Data stored in the HttpSession by a servlet in the same web application is accessible to portlets through the PortletSession in APPLICATION_SCOPE
SPEC2_18	Sessions	httpSession2	TRUE	Data stored in the HttpSession by a JSP in the same web application is accessible to portlets through the PortletSession in APPLICATION_SCOPE
SPEC2_18	Sessions	httpSession3	TRUE	Data stored by portlets in the PortletSession is accessible to servlets and JSPs through the HttpSession
SPEC2_18	Sessions	httpSession4	TRUE	If the HttpSession object is invalidated, the PortletSession object must also be invalidated by the portlet container
SPEC2_18	Sessions	httpSession5	TRUE	If the PortletSession object is invalidated by a portlet, the portlet container must invalidate the associated HttpSession object
SPEC2_18	Sessions	httpSession6	TRUE	The attribute names retrieved from the HttpSession must be the same as those retrieve from the PortletSession if APPLICATION_SCOPE scope is used

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_18	Sessions	httpSession7	TRUE	The attribute names retrieved from the HttpSession must have the specified prefixing if PORTLET_SCOPE scope is used
SPEC2_18	Sessions	httpSession8	TRUE	The portlet session follows the timeout behavior of the servlet session
SPEC2_18	Sessions	httpSession9	TRUE	The portlet session follows the last accessed times behavior of the servlet session
SPEC2_18	Sessions	httpSession11	TRUE	The portlet session follows the same semantic considerations as the servlet session
SPEC2_18	Sessions	getCreationTime	TRUE	The PortletSession.getCreationTime method provides the same functionality as the corresponding HttpSession.getCreationTime method
SPEC2_18	Sessions	getId	TRUE	The PortletSession.getId method provides the same functionality as the corresponding HttpSession.getId method
SPEC2_18	Sessions	getLastAccessTime	TRUE	The PortletSession.getLastAccessTime method provides the same functionality as the corresponding HttpSession.getLastAccessTime method
SPEC2_18	Sessions	getMaxInactiveInterval	TRUE	The PortletSession.getMaxInactiveInterval method provides the same functionality as the corresponding HttpSession.getMaxInactiveInterval method
SPEC2_18	Sessions	invalidate	TRUE	The PortletSession.invalidate method provides the same functionality as the corresponding HttpSession.invalidate method
SPEC2_18	Sessions	isNew	TRUE	The PortletSession.isNew method provides the same functionality as the corresponding HttpSession.isNew method
SPEC2_18	Sessions	setMaxInactiveInterval	TRUE	The PortletSession.setMaxInactiveInterval method provides the same functionality as the corresponding HttpSession.setMaxInactiveInterval method
SPEC2_21	User Attributes	userAttributes1	OPTION	User attributes can be defined in the deployment descriptor
SPEC2_21	User Attributes	userAttributes2	OPTION	The request attribute with the name PortletRequest.USER_INFO "javax.portlet.userinfo" provides a Map<String, String> containing user attributes that were successfully mapped to user attributes supported by the portal
SPEC2_21	User Attributes	userAttributes3	OPTION	If there are no user attributes available, the getAttribute(PortletRequest.USER_INFO) call must return an empty Map object
SPEC2_24	Security	security1	OPTION	The <security-role-ref> element in the portlet deployment descriptor maps a role name to an application security role that the user may be mapped into
SPEC2_24	Security	security2	OPTION	The PortletRequest.isUserInRole method uses the role name from this mapping to determine the return value
SPEC2_24	Security	security3	OPTION	If the security-role-ref element does not define a role-link element, the container must default to checking the role-name element argument against the list of security-role elements defined in the web.xml deployment descriptor of the portlet application
SPEC2_24	Security	security4	OPTION	Security constraints can be defined through the portlet application deployment descriptor <security-constraint> element
SPEC2_24	Security	security5	OPTION	The <portlet-collection> element within the security constraint declaration defines a list of portlets covered by the constraint

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_24	Security	security6	OPTION	The <user-data-constraint> element within the security constraint declaration defines requirements for the transport layer for the portlets collection
SPEC2_24	Security	security7	OPTION	The container must at least use SSL to respond to requests to portlets whose <transport-guarantee> element specifies CONFIDENTIAL
SPEC2_24	Security	security8	OPTION	The container must at least use SSL to respond to requests to portlets whose <transport-guarantee> element specifies INTEGRAL
SPEC2_24	Security	security9	OPTION	When a run-as element is specified in the web.xml file, the portlet container must propagate the security identity of the caller to the EJB layer in terms of the security role name defined in the run-as element
SPEC2_24	Security	security10	OPTION	The security role name must be one of the security role names defined for the web.xml deployment descriptor
<b>Addl Request Tests</b>				
SPEC2_11	Action	properties1	APITEST	The portlet can use the getProperty method to access single portal property and optionally-available HTTP header values
SPEC2_11	Action	properties2	APITEST	The portlet can use the getProperties method to access multiple portal property and optionally-available HTTP header values by the same property name
SPEC2_11	Action	properties3	APITEST	The portlet can use the getPropertyNames method to obtain an Enumeration of all available property names
SPEC2_11	Action	properties4	APITEST	The portlet can access cookies provided by the current request using the getCookies method
SPEC2_11	Action	parameters1	TRUE	If a portlet receives a request from a client request targeted to the portlet itself, the parameters must be the string parameters encoded in the URL (added when creating the PortletURL) and the string parameters sent by the client to the portlet as part of the client request
SPEC2_11	Action	parameters2	TRUE	The parameters the request object returns must be "x-www-form-urlencoded" decoded
SPEC2_11	Action	parameters3	APITEST	The getParameterValues method returns an array of String objects containing all the parameter values associated with a parameter name
SPEC2_11	Action	parameters4	APITEST	The value returned from the getParameter method must be the first value in the array of String objects returned by getParameterValues
SPEC2_11	Action	parameters6	TRUE	The getParameterMap method must return an unmodifiable Map object
SPEC2_11	Action	parameters7	APITEST	If the request does not have any parameters, the getParameterMap must return an empty Map object
SPEC2_11	Action	parameters8	TRUE	If the portlet is performing an HTML Form submission via HTTP method POST the post form data will be populated to the portlet request parameter set if the content type is application/x-www-form-urlencoded

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_11	Action	parameters9	TRUE	If the portlet is performing an HTML Form submission via the HTTP method GET the form data set is appended to the portlet URL used for the form submission and are therefore accessible as request parameters for the portlet
SPEC2_11	Action	publicRenderParameters14	APITEST	Portlets can access a merged set of public and private parameters via the <code>getParameter</code> methods
SPEC2_11	Action	publicRenderParameters15	TRUE	A map of private parameters can be obtained through the <code>getPrivateParameterMap</code> method
SPEC2_11	Action	publicRenderParameters16	TRUE	A map of public parameters can be obtained through the <code>getPublicParameterMap</code> method
SPEC2_11	Action	publicRenderParameters17	FALSE	Extra request parameters added to a portlet URL by the portal/portlet-container must be invisible to the portlets receiving the request
SPEC2_11	Action	publicRenderParameters4	TRUE	Public render parameters are available in the <code>processAction</code> method
SPEC2_11	Action	publicRenderParameters11	TRUE	If the portlet sets an action parameter with the same name as a public render parameter, this results in a multi-valued parameter. The public render parameter values must be the last entries in the parameter value array
SPEC2_11	Event	properties1	APITEST	The portlet can use the <code>getProperty</code> method to access single portal property and optionally-available HTTP header values
SPEC2_11	Event	properties2	APITEST	The portlet can use the <code>getProperties</code> method to access multiple portal property and optionally-available HTTP header values by the same property name
SPEC2_11	Event	properties3	APITEST	The portlet can use the <code>getPropertyNames</code> method to obtain an Enumeration of all available property names
SPEC2_11	Event	properties4	APITEST	The portlet can access cookies provided by the current request using the <code>getCookies</code> method
SPEC2_11	Event	parameters1	TRUE	If a portlet receives a request from a client request targeted to the portlet itself, the parameters must be the string parameters encoded in the URL (added when creating the <code>PortletURL</code> ) and the string parameters sent by the client to the portlet as part of the client request
SPEC2_11	Event	parameters2	TRUE	The parameters the request object returns must be "x-www-form-urlencoded" decoded
SPEC2_11	Event	parameters3	APITEST	The <code>getParameterValues</code> method returns an array of String objects containing all the parameter values associated with a parameter name
SPEC2_11	Event	parameters4	APITEST	The value returned from the <code>getParameter</code> method must be the first value in the array of String objects returned by <code>getParameterValues</code>
SPEC2_11	Event	parameters6	TRUE	The <code>getParameterMap</code> method must return an unmodifiable Map object
SPEC2_11	Event	parameters7	APITEST	If the request does not have any parameters, the <code>getParameterMap</code> must return an empty Map object

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_11	Event	parameters12	TRUE	If a portlet receives an event that is the result of a client request targeted to another portlet in the portal page, the parameters should be the same parameters as of the previous render request from this client
SPEC2_11	Event	publicRenderParameters14	APITEST	Portlets can access a merged set of public and private parameters via the <code>getParameter</code> methods
SPEC2_11	Event	publicRenderParameters15	TRUE	A map of private parameters can be obtained through the <code>getPrivateParameterMap</code> method
SPEC2_11	Event	publicRenderParameters16	TRUE	A map of public parameters can be obtained through the <code>getPublicParameterMap</code> method
SPEC2_11	Event	publicRenderParameters17	FALSE	Extra request parameters added to a portlet URL by the portal/portlet-container must be invisible to the portlets receiving the request
SPEC2_11	Event	publicRenderParameters5	TRUE	Public render parameters are available in the <code>processEvent</code> method
SPEC2_11	Render	parameters10	TRUE	The portlet-container must not propagate parameters received in an action or event request to subsequent render requests of the portlet
SPEC2_11	Render	parameters11	TRUE	If a portlet receives a render request that is the result of a client request targeted to another portlet in the portal page, the parameters should be the same parameters as of the previous render request from this client
SPEC2_11	Render	parameters13	TRUE	If a portlet receives a render request that is the result of invoking a render URL targeting this portlet the render parameters received with the render request must be the parameters set on the render URL
SPEC2_11	Render	parameters14	FALSE	Client requests triggered by portal-generated URLs for changing portlet mode or window state must be treated as render URLs and the existing render parameters must be preserved
SPEC2_11	Render	parameters15	TRUE	Render parameters get automatically cleared if the portlet receives a <code>processAction</code> or <code>processEvent</code> call
SPEC2_11	Render	properties1	APITEST	The portlet can use the <code>getProperty</code> method to access single portal property and optionally-available HTTP header values
SPEC2_11	Render	properties2	APITEST	The portlet can use the <code>getProperties</code> method to access multiple portal property and optionally-available HTTP header values by the same property name
SPEC2_11	Render	properties3	APITEST	The portlet can use the <code>getPropertyNames</code> method to obtain an Enumeration of all available property names
SPEC2_11	Render	properties4	APITEST	The portlet can access cookies provided by the current request using the <code>getCookies</code> method
SPEC2_11	Render	parameters1	TRUE	If a portlet receives a request from a client request targeted to the portlet itself, the parameters must be the string parameters encoded in the URL (added when creating the <code>PortletURL</code> ) and the string parameters sent by the client to the portlet as part of the client request
SPEC2_11	Render	parameters2	TRUE	The parameters the request object returns must be "x-www-form-urlencoded" decoded

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_11	Render	parameters3	APITEST	The <code>getParameterValues</code> method returns an array of String objects containing all the parameter values associated with a parameter name
SPEC2_11	Render	parameters4	APITEST	The value returned from the <code>getParameter</code> method must be the first value in the array of String objects returned by <code>getParameterValues</code>
SPEC2_11	Render	parameters6	TRUE	The <code>getParameterMap</code> method must return an unmodifiable Map object
SPEC2_11	Render	parameters7	APITEST	If the request does not have any parameters, the <code>getParameterMap</code> must return an empty Map object
SPEC2_11	Render	publicRenderParameters14	APITEST	Portlets can access a merged set of public and private parameters via the <code>getParameter</code> methods
SPEC2_11	Render	publicRenderParameters15	TRUE	A map of private parameters can be obtained through the <code>getPrivateParameterMap</code> method
SPEC2_11	Render	publicRenderParameters16	TRUE	A map of public parameters can be obtained through the <code>getPublicParameterMap</code> method
SPEC2_11	Render	publicRenderParameters17	FALSE	Extra request parameters added to a portlet URL by the portal/portlet-container must be invisible to the portlets receiving the request
SPEC2_11	Render	publicRenderParameters1	TRUE	Public render parameters can be declared in the deployment descriptor using the <code>public-render-parameter</code> element
SPEC2_11	Render	publicRenderParameters2	TRUE	The portlet can specify the public render parameters it would like to share via the <code>supported-public-render-parameter</code> element in the deployment descriptor
SPEC2_11	Render	publicRenderParameters3	FALSE	The <code>supported-public-render-parameter</code> element must reference the identifier of a public render parameter defined in the portlet application section in a <code>public-render-parameter</code> element
SPEC2_11	Render	publicRenderParameters6	TRUE	Public render parameters are available in the render method
SPEC2_11	Render	publicRenderParameters13	TRUE	A public render parameter can be deleted using the <code>removePublicRenderParameter</code> method on the <code>StateAwareResponse</code>
SPEC2_11	Render	publicRenderParameters13a	TRUE	A public render parameter can be deleted using the <code>removePublicRenderParameter</code> method on the <code>PortletURL</code>
SPEC2_11	Resource	properties1	APITEST	The portlet can use the <code>getProperty</code> method to access single portal property and optionally-available HTTP header values
SPEC2_11	Resource	properties2	APITEST	The portlet can use the <code>getProperties</code> method to access multiple portal property and optionally-available HTTP header values by the same property name
SPEC2_11	Resource	properties3	APITEST	The portlet can use the <code>getPropertyNames</code> method to obtain an Enumeration of all available property names
SPEC2_11	Resource	properties4	APITEST	The portlet can access cookies provided by the current request using the <code>getCookies</code> method
SPEC2_11	Resource	parameters1	TRUE	If a portlet receives a request from a client request targeted to the portlet itself, the parameters must be the string parameters encoded in the URL (added when creating the <code>PortletURL</code> ) and the string parameters sent by the client to the portlet as part of the client request

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_11	Resource	parameters2	TRUE	The parameters the request object returns must be "x-www-form-urlencoded" decoded
SPEC2_11	Resource	parameters3	APITEST	The getParameterValues method returns an array of String objects containing all the parameter values associated with a parameter name
SPEC2_11	Resource	parameters4	APITEST	The value returned from the getParameter method must be the first value in the array of String objects returned by getParameterValues
SPEC2_11	Resource	parameters6	TRUE	The getParameterMap method must return an unmodifiable Map object
SPEC2_11	Resource	parameters7	APITEST	If the request does not have any parameters, the getParameterMap must return an empty Map object
SPEC2_11	Resource	parameters16	APITEST	For serveResource requests the portlet must receive any resource parameters that were explicitly set on the ResourceURL that triggered the request
SPEC2_11	Resource	parameters17	TRUE	If the cacheability level of the resource URL is PORTLET or PAGE, the portlet must also receive the render parameters present in the request in which the URL was created
SPEC2_11	Resource	publicRenderParameters14	APITEST	Portlets can access a merged set of public and private parameters via the getParameter methods
SPEC2_11	Resource	publicRenderParameters15	TRUE	A map of private parameters can be obtained through the getPrivateParameterMap method
SPEC2_11	Resource	publicRenderParameters16	TRUE	A map of public parameters can be obtained through the getPublicParameterMap method
SPEC2_11	Resource	publicRenderParameters17	FALSE	Extra request parameters added to a portlet URL by the portal/portlet-container must be invisible to the portlets receiving the request
SPEC2_11	Resource	publicRenderParameters7	TRUE	Public render parameters are available in the serveResource method
SPEC2_11	Resource	publicRenderParameters12	TRUE	If the portlet sets a resource parameter with the same name as a public render parameter, this results in a multi-valued parameter. The public render parameter values must be the last entries in the parameter value array
SPEC2_11	Render PRP	publicRenderParameters8	TRUE	The portlet container must only send those public render parameters to a portlet which the portlet has defined support for using supported-public-render-parameter element in the portlet.xml
SPEC2_11	Render PRP	publicRenderParameters9	TRUE	The portlet container must only share those render parameters of a portlet which the portlet has declared as supported public render parameters using supported-public-render-parameter element in the portlet.xml
SPEC2_11	Render PRP	publicRenderParameters10	TRUE	If the portlet was the target of a render URL on which a specific public render parameter is set, the portlet must receive at least this render parameter
SPEC2_11	Render Attr	attributes1	TRUE	The portlet can access a map with user information attributes via the request attribute PortletRequest.USER_INFO
SPEC2_11	Render Attr	attributes2	TRUE	The PortletRequest.CCPP_PROFILE request attribute must return a javax.ccpp.Profile based on the current portlet request

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_11	Render Attr	attributes3	TRUE	If the portlet container runtime option <code>javax.portlet.renderHeaders</code> is set to TRUE, the <code>RENDER_PART</code> attribute will be set when the render method is called
SPEC2_11	Render Attr	attributes4	TRUE	If the portlet container runtime option <code>javax.portlet.renderHeaders</code> is set to TRUE, render method will be called first with the <code>RENDER_PART</code> attribute set to <code>"RENDER_HEADERS"</code>
SPEC2_11	Render Attr	attributes5	TRUE	If the portlet container runtime option <code>javax.portlet.renderHeaders</code> is set to TRUE, render method will be called a second time with the <code>RENDER_PART</code> attribute set to <code>"RENDER_MARKUP"</code>
SPEC2_11	Render Attr	attributes8	TRUE	During render processing, the <code>LIFECYCLE_PHASE</code> ( <code>"javax.portlet.lifecycle_phase"</code> ) attribute will contain the string <code>"RENDER_PHASE"</code>
SPEC2_11	Action Attr	attributes1	TRUE	The portlet can access a map with user information attributes via the request attribute <code>PortletRequest.USER_INFO</code>
SPEC2_11	Action Attr	attributes2	TRUE	The <code>PortletRequest.CCPP_PROFILE</code> request attribute must return a <code>javax.ccpp.Profile</code> based on the current portlet request
SPEC2_11	Action Attr	attributes6	TRUE	During action processing, the <code>LIFECYCLE_PHASE</code> ( <code>"javax.portlet.lifecycle_phase"</code> ) attribute will contain the string <code>"ACTION_PHASE"</code>
SPEC2_11	Event Attr	attributes1	TRUE	The portlet can access a map with user information attributes via the request attribute <code>PortletRequest.USER_INFO</code>
SPEC2_11	Event Attr	attributes2	TRUE	The <code>PortletRequest.CCPP_PROFILE</code> request attribute must return a <code>javax.ccpp.Profile</code> based on the current portlet request
SPEC2_11	Event Attr	attributes7	TRUE	During event processing, the <code>LIFECYCLE_PHASE</code> ( <code>"javax.portlet.lifecycle_phase"</code> ) attribute will contain the string <code>"EVENT_PHASE"</code>
SPEC2_11	Resource Attr	attributes1	TRUE	The portlet can access a map with user information attributes via the request attribute <code>PortletRequest.USER_INFO</code>
SPEC2_11	Resource Attr	attributes2	TRUE	The <code>PortletRequest.CCPP_PROFILE</code> request attribute must return a <code>javax.ccpp.Profile</code> based on the current portlet request
SPEC2_11	Resource Attr	attributes9	TRUE	During resource processing, the <code>LIFECYCLE_PHASE</code> ( <code>"javax.portlet.lifecycle_phase"</code> ) attribute will contain the string <code>"RESOURCE_PHASE"</code>
SPEC2_11	Attr	contextPath1	FALSE	If the portlet application is rooted at the default context, the context path must be an empty string
SPEC2_11	Attr	contextPath2	FALSE	If the portlet application is not rooted at the default context, the context path must be a string starting with <code>"/"</code>
SPEC2_11	Attr	contextPath3	FALSE	If the portlet application is not rooted at the default context, the context path string does not end with <code>"/"</code>
SPEC2_11	Attr	security1	APITEST	The <code>getAuthType</code> method returns a <code>String</code> if the user is authenticated
SPEC2_11	Attr	security2	APITEST	The <code>getAuthType</code> method returns <code>null</code> if the user is not authenticated

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_11	Attr	security3	APITEST	The getRemoteUser method returns a String if the user is authenticated
SPEC2_11	Attr	security4	APITEST	The getRemoteUser method returns null if the user is not authenticated
SPEC2_11	Attr	security5	APITEST	The getUserInRole method returns true if the authenticated user is in the specified role
SPEC2_11	Attr	security6	APITEST	The getUserInRole method returns false if the authenticated user is not in the specified role
SPEC2_11	Attr	security7	APITEST	The getUserInRole method returns false if the user is not authenticated
SPEC2_11	Attr	security8	APITEST	The isSecure method returns true if the request was transmitted over a secure connection
SPEC2_11	Attr	security9	APITEST	The isSecure method returns false if the request was not transmitted over a secure connection
SPEC2_11	Action Req	contentType1	TRUE	The getResponseContentType method returns a String representing the default content type the portlet container assumes for the output
SPEC2_11	Action Req	contentType2	TRUE	The getResponseContentTypes method returns an Enumeration of String elements representing the acceptable content types for the output in order of preference
SPEC2_11	Action Req	contentType3	TRUE	The first element of the Enumeration returned by the getResponseContentTypes method must equal the value returned by the getResponseContentType method
SPEC2_11	Action Req	contentType4	TRUE	If a portlet defines support for all content types using a wildcard and the portlet container supports all content types, the getResponseContentType may return the wildcard
SPEC2_11	Action Req	contentType5	TRUE	If a portlet defines support for all content types using a wildcard and the portlet container supports all content types, the getResponseContentType may return the preferred content type
SPEC2_11	Action Req	windowId1	APITEST	The getWindowID method returns a String representing the current window ID
SPEC2_11	Action Req	windowId2	FALSE	The string returned by getWindowID method is unique for this portlet window
SPEC2_11	Action Req	windowId3	FALSE	The string returned by getWindowID method is constant over the lifetime of the portlet window
SPEC2_11	Action Req	windowId4	TRUE	The string returned by getWindowID method must be the same ID used for scoping portlet-scope session attributes
SPEC2_11	Action Req	contentType6	TRUE	Within the processAction method, the content type must include only the MIME type, not the character set
SPEC2_11	Action Req	contentType7	TRUE	Within the processAction method, the getResponseContentTypes method must return only the content types supported by the current portlet mode
SPEC2_11	Action Req	retrievingData1	APITEST	If the getPortletInputStream method has been used and the getReader is called, the getReader method must throw an IllegalStateException
SPEC2_11	Action Req	retrievingData2	APITEST	If the getReader method has been used and the getPortletInputStream is called, the getPortletInputStream method must throw an IllegalStateException

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_11	Action Req	retrievingData3	APITEST	If the user request HTTP POST data is of type application/x-www-form-urlencoded, the getReader method must throw an IllegalStateException
SPEC2_11	Action Req	retrievingData4	APITEST	If the user request HTTP POST data is of type application/x-www-form-urlencoded, the getPortletInputStream method must throw an IllegalStateException
SPEC2_11	Event Req	contentType1	TRUE	The getResponseContentType method returns a String representing the default content type the portlet container assumes for the output
SPEC2_11	Event Req	contentType2	TRUE	The getResponseContentTypes method returns an Enumeration of String elements representing the acceptable content types for the output in order of preference
SPEC2_11	Event Req	contentType3	TRUE	The first element of the Enumeration returned by the getResponseContentTypes method must equal the value returned by the getResponseContentType method
SPEC2_11	Event Req	contentType4	TRUE	If a portlet defines support for all content types using a wildcard and the portlet container supports all content types, the getResponseContentType may return the wildcard
SPEC2_11	Event Req	contentType5	TRUE	If a portlet defines support for all content types using a wildcard and the portlet container supports all content types, the getResponseContentType may return the preferred content type
SPEC2_11	Event Req	windowId1	APITEST	The getWindowID method returns a String representing the current window ID
SPEC2_11	Event Req	windowId2	FALSE	The string returned by getWindowID method is unique for this portlet window
SPEC2_11	Event Req	windowId3	FALSE	The string returned by getWindowID method is constant over the lifetime of the portlet window
SPEC2_11	Event Req	windowId4	TRUE	The string returned by getWindowID method must be the same ID used for scoping portlet-scope session attributes
SPEC2_11	Event Req	contentType8	TRUE	Within the processEvent method, the content type must include only the MIME type, not the character set
SPEC2_11	Event Req	contentType9	TRUE	Within the processEvent method, the getResponseContentTypes method must return only the content types supported by the current portlet mode
SPEC2_11	Render Req	contentType1	TRUE	The getResponseContentType method returns a String representing the default content type the portlet container assumes for the output
SPEC2_11	Render Req	contentType2	TRUE	The getResponseContentTypes method returns an Enumeration of String elements representing the acceptable content types for the output in order of preference
SPEC2_11	Render Req	contentType3	TRUE	The first element of the Enumeration returned by the getResponseContentTypes method must equal the value returned by the getResponseContentType method
SPEC2_11	Render Req	contentType4	TRUE	If a portlet defines support for all content types using a wildcard and the portlet container supports all content types, the getResponseContentType may return the wildcard

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_11	Render Req	contentType5	TRUE	If a portlet defines support for all content types using a wildcard and the portlet container supports all content types, the <code>getResponseContentType</code> may return the preferred content type
SPEC2_11	Render Req	windowId1	APITEST	The <code>getWindowID</code> method returns a String representing the current window ID
SPEC2_11	Render Req	windowId2	FALSE	The string returned by <code>getWindowID</code> method is unique for this portlet window
SPEC2_11	Render Req	windowId3	FALSE	The string returned by <code>getWindowID</code> method is constant over the lifetime of the portlet window
SPEC2_11	Render Req	windowId4	TRUE	The string returned by <code>getWindowID</code> method must be the same ID used for scoping portlet-scope session attributes
SPEC2_11	Render Req	contentType10	TRUE	Within the render method, the content type must include only the MIME type, not the character set
SPEC2_11	Render Req	contentType11	TRUE	Within the render method, the <code>getResponseContentTypes</code> method must return only the content types supported by the current portlet mode
SPEC2_11	Render Req	contentType13	TRUE	The character set of the response can be retrieved via the <code>RenderResponse.getCharacterEncoding</code> method
SPEC2_11	Resource Req	contentType1	TRUE	The <code>getResponseContentType</code> method returns a String representing the default content type the portlet container assumes for the output
SPEC2_11	Resource Req	contentType2	TRUE	The <code>getResponseContentTypes</code> method returns an Enumeration of String elements representing the acceptable content types for the output in order of preference
SPEC2_11	Resource Req	contentType3	TRUE	The first element of the Enumeration returned by the <code>getResponseContentTypes</code> method must equal the value returned by the <code>getResponseContentType</code> method
SPEC2_11	Resource Req	contentType4	TRUE	If a portlet defines support for all content types using a wildcard and the portlet container supports all content types, the <code>getResponseContentType</code> may return the wildcard
SPEC2_11	Resource Req	contentType5	TRUE	If a portlet defines support for all content types using a wildcard and the portlet container supports all content types, the <code>getResponseContentType</code> may return the preferred content type
SPEC2_11	Resource Req	windowId1	APITEST	The <code>getWindowID</code> method returns a String representing the current window ID
SPEC2_11	Resource Req	windowId2	FALSE	The string returned by <code>getWindowID</code> method is unique for this portlet window
SPEC2_11	Resource Req	windowId3	FALSE	The string returned by <code>getWindowID</code> method is constant over the lifetime of the portlet window
SPEC2_11	Resource Req	windowId4	TRUE	The string returned by <code>getWindowID</code> method must be the same ID used for scoping portlet-scope session attributes
SPEC2_11	Resource Req	contentType12	TRUE	Within the <code>serveResource</code> method, the content type should be based on the HTTP Accept header provided by the client
SPEC2_11	Resource Req	contentType13	TRUE	The character set of the response can be retrieved via the <code>RenderResponse.getCharacterEncoding</code> method

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_11	Resource Req	retrievingData1	APITEST	If the getPortletInputStream method has been used and the getReader is called, the getReader method must throw an IllegalStateException
SPEC2_11	Resource Req	retrievingData2	APITEST	If the getReader method has been used and the getPortletInputStream is called, the getPortletInputStream method must throw an IllegalStateException
SPEC2_11	Resource Req	retrievingData3	APITEST	If the user request HTTP POST data is of type application/x-www-form-urlencoded, the getReader method must throw an IllegalStateException
SPEC2_11	Resource Req	retrievingData4	APITEST	If the user request HTTP POST data is of type application/x-www-form-urlencoded, the getPortletInputStream method must throw an IllegalStateException
<b>Addl Response Tests</b>				
SPEC2_12	Response Properties	properties1	APITEST	The setProperty method sets a property with a given name and value
SPEC2_12	Response Properties	properties2	APITEST	The setProperty method replaces an existing property of the same name
SPEC2_12	Response Properties	properties3	FALSE	The setProperty method can set HTTP header values to be transported back to the client
SPEC2_12	Response Properties	properties4	FALSE	If the setProperty method is called after the response has been committed, the property will not be transported back to the client
SPEC2_12	Response Properties	properties5	APITEST	The addProperty method adds a property with a given name and value
SPEC2_12	Response Properties	properties6	APITEST	The addProperty method adds a value to an existing property of the same name
SPEC2_12	Response Properties	properties7	FALSE	The addProperty method can add HTTP header values to be transported back to the client
SPEC2_12	Response Properties	properties8	FALSE	If the addProperty method is called after the response has been committed, the property will not be transported back to the client
SPEC2_12	Response Properties	namespace1	APITEST	The getNamespace method must return a String
SPEC2_12	Response Properties	namespace2	FALSE	The String returned by the getNamespace method must be unique on the portal page
SPEC2_12	Response Properties	namespace3	APITEST	The String returned by the getNamespace method must be constant for the lifetime of the portlet window
SPEC2_12	Response Properties	namespace4	FALSE	The String returned by the getNamespace method must be a valid Java identifier
SPEC2_12	Response Properties	renderParameters1	APITEST	A call to any of the setRenderParameter methods must replace any parameter with the same name previously set
SPEC2_12	Response Properties	portletMode1	FALSE	A portlet mode set with the setPortletMode method will be effective in the following processEvent and render requests as allowed by the portal

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_12	Response Properties	portletMode2	APITEST	If a disallowed portlet mode set with the setPortletMode method, a PortletModeException must be thrown
SPEC2_12	Response Properties	portletMode3	APITEST	If the portlet does not set a new portlet mode, the current portlet mode is preserved
SPEC2_12	Response Properties	portletMode4	APITEST	The portlet can specify the next possible portlet modes that make sense from the portlet point of view via the setNextPossiblePortletModes method
SPEC2_12	Response Properties	windowState1	APITEST	A window state set with the setWindowState method will be effective in the following processEvent and render requests as allowed by the portal
SPEC2_12	Response Properties	windowState2	APITEST	If a disallowed window state set with the setWindowState method, a WindowStateException must be thrown
SPEC2_12	Response Properties	windowState3	APITEST	If the portlet does not set a new window state, the current window state is preserved
SPEC2_12	Action	cookie1	TRUE	Cookies set during the Action phase should be available to the portlet during the Render phase
SPEC2_12	Action	cookie2	TRUE	Cookies set during the Action phase should be available to the portlet during the Resource phase
SPEC2_12	Action	cookie3	TRUE	Cookies set during the Action phase should be available to the portlet during the Event phase
SPEC2_12	Action	cookie4	TRUE	Cookies set during the Action phase should be available to the portlet during a subsequent request triggered by a URL
SPEC2_12	Action	redirect1	TRUE	If a relative path is supplied to the sendRedirect method, an IllegalArgumentException must be thrown
SPEC2_12	Action	redirect2	APITEST	If the sendRedirect method is called after the setPortletMode has been called, an IllegalStateException must be thrown and the redirection must not be executed
SPEC2_12	Action	redirect3	APITEST	If the sendRedirect method is called after the setWindowState has been called, an IllegalStateException must be thrown and the redirection must not be executed
SPEC2_12	Action	redirect4	APITEST	If the sendRedirect method is called after the setRenderParameter has been called, an IllegalStateException must be thrown and the redirection must not be executed
SPEC2_12	Action	redirect5	APITEST	If the sendRedirect method is called after the setRenderParameters has been called, an IllegalStateException must be thrown and the redirection must not be executed
SPEC2_12	Action	redirect6	APITEST	If the sendRedirect method is called after the removePublicRenderParameter has been called, an IllegalStateException must be thrown and the redirection must not be executed
SPEC2_12	Action	redirect7	APITEST	If the sendRedirect(String location, String renderUrlParamName) method is used, the portlet container must attach a render URL to the target location as a query parameter under the specified parameter name

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_12	Action	redirect8	APITEST	If a new portlet mode value is set on the ActionResponse before the redirect, the new portlet mode value must be set on the attached render URL
SPEC2_12	Action	redirect10	APITEST	If a new window state value is set on the ActionResponse before the redirect, the new window state value must be set on the attached render URL
SPEC2_12	Action	redirect12	TRUE	If a new private render parameter value is set on the ActionResponse before the redirect, the new private render parameter value must be set on the attached render URL
SPEC2_12	Action	redirect14	TRUE	If a new public render parameter value is set on the ActionResponse before the redirect, the new public render parameter value must be set on the attached render URL
SPEC2_12	Event	cookie5	TRUE	Cookies set during the Event phase should be available to the portlet during the Render phase
SPEC2_12	Event	cookie6	TRUE	Cookies set during the Event phase should be available to the portlet during the Resource phase
SPEC2_12	Event	cookie7	TRUE	Cookies set during the Event phase should be available to the portlet during a subsequent request triggered by a URL
SPEC2_12	Render	cookie8	TRUE	Cookies set during the Render phase should be available to the portlet during the Resource phase
SPEC2_12	Render	cookie9	TRUE	Cookies set during the Render phase should be available to the portlet during a subsequent Action phase
SPEC2_12	Render	cookie10	TRUE	Cookies set during the Render phase should be available to the portlet during a subsequent Render phase
SPEC2_12	Render	cookie11	TRUE	Cookies set during the Render phase should be available to the portlet during a subsequent request triggered by a URL
SPEC2_12	Render	cookie12	TRUE	Cookies set during the Render phase after the response has been committed are ignored
SPEC2_12	Render	contentType5	TRUE	If the setContentType method is not called before the getWriter or getPortletOutputStream method is used, the portlet container uses the content type returned by getResponseContentType
SPEC2_12	Render	characterEncoding2	TRUE	The character encoding can be set via the setLocale method and a locale-encoding-mapping-list mapping in the web.xml deployment descriptor
SPEC2_12	Render	characterEncoding3	TRUE	The character encoding can be set via the setContentType method if the given content type string provides a value for the charset attribute
SPEC2_12	Render	characterEncoding4	TRUE	If the portlet does not set the character encoding, the portlet container uses UTF-8 as the default character encoding
SPEC2_12	Resource	cookie13	TRUE	Cookies set during the Resource phase should be available to the portlet during a subsequent Action phase
SPEC2_12	Resource	cookie14	TRUE	Cookies set during the Resource phase should be available to the portlet during a subsequent Resource phase
SPEC2_12	Resource	cookie15	TRUE	Cookies set during the Resource phase should be available to the portlet during a subsequent Render phase

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_12	Resource	cookie16	TRUE	Cookies set during the Resource phase should be available to the portlet during a subsequent request triggered by a URL
SPEC2_12	Resource	cookie17	TRUE	Cookies set during the Resource phase after the response has been committed are ignored
SPEC2_12	Resource	contentType5	TRUE	If the setContentType method is not called before the getWriter or getPortletOutputStream method is used, the portlet container uses the content type returned by getResponseContentType
SPEC2_12	Resource	characterEncoding2	TRUE	The character encoding can be set via the setLocale method and a locale-encoding-mapping-list mapping in the web.xml deployment descriptor
SPEC2_12	Resource	characterEncoding3	TRUE	The character encoding can be set via the setContentType method if the given content type string provides a value for the charset attribute
SPEC2_12	Resource	characterEncoding4	TRUE	If the portlet does not set the character encoding, the portlet container uses UTF-8 as the default character encoding
SPEC2_12	Response Content	contentType1	APITEST	A portlet can set the content type of the response using the setContentType method
SPEC2_12	Response Content	contentType2	APITEST	For the render response the setContentType method must throw an IllegalArgumentException if the content type set does not match (including wildcard matching) any of the content types returned by the getResponseContentType method
SPEC2_12	Response Content	contentType3	APITEST	If the setContentType method is called after the getWriter method is used, the new content type should be ignored
SPEC2_12	Response Content	contentType4	APITEST	If the setContentType method is called after the getPortletOutputStream method is used, the new content type should be ignored
SPEC2_12	Response Content	outputData1	APITEST	If the getPortletOutputStream method has been used and the getWriter is called, the getWriter method must throw an IllegalStateException
SPEC2_12	Response Content	outputData2	APITEST	If the getWriter method has been used and the getPortletOutputStream is called, the getPortletOutputStream method must throw an IllegalStateException
SPEC2_12	Response Content	buffering1	APITEST	The getBufferSize method returns the size of the underlying buffer being used
SPEC2_12	Response Content	buffering2	APITEST	If no buffering is being used, this method must return the int value of 0
SPEC2_12	Response Content	buffering3	APITEST	The portlet can request a preferred buffer size by using the setBufferSize method. The assigned buffer must be at least as large as the size requested.
SPEC2_12	Response Content	buffering4	APITEST	The isCommitted method returns a boolean value indicating whether any response bytes have been returned to the client
SPEC2_12	Response Content	buffering5	APITEST	The flushBuffer method forces content in the buffer to be written to the client
SPEC2_12	Response Content	buffering6	APITEST	The reset method clears data in the buffer when the response is not committed
SPEC2_12	Response Content	buffering7	APITEST	The reset method clears any properties set before use of the reset method

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_12	Response Content	buffering8	APITEST	If the reset method is used after the response has been committed, an <code>IllegalStateException</code> must be thrown
SPEC2_12	Response Content	buffering9	FALSE	If the reset method is used after the response has been committed, the response and its buffer must remain unchanged
SPEC2_12	Response Content	buffering10	FALSE	The <code>resetBuffer</code> method clears data in the buffer when the response is not committed
SPEC2_12	Response Content	buffering11	FALSE	The <code>resetBuffer</code> method does not clear any properties set before use of the <code>resetBuffer</code> method
SPEC2_12	Response Content	buffering12	APITEST	If the <code>resetBuffer</code> method is used after the response has been committed, an <code>IllegalStateException</code> must be thrown
SPEC2_12	Response Content	buffering13	FALSE	If the <code>resetBuffer</code> method is used after the response has been committed, the response and its buffer must remain unchanged
SPEC2_12	Response Content	buffering14	FALSE	When using a buffer, the container must immediately flush the contents of a filled buffer to the portal application
SPEC2_12	Response Content	title1	APITEST	The <code>setTitle</code> method can be called to indicate the referred title
SPEC2_12	Response Content	title2	FALSE	If the <code>setTitle</code> method is called after the response has been committed, it is ignored
SPEC2_12	Response Content	characterEncoding1	APITEST	The character encoding can be set via the <code>setCharacterEncoding</code> method
<b>Addl Filter Tests</b>				
SPEC2_20	Action	filter1	TRUE	A filter declaration can be configured in the deployment descriptor
SPEC2_20	Action	filter6	TRUE	A filter declaration can contain multiple <code>&lt;lifecycle&gt;</code> tags for a single filter class
SPEC2_20	Action	filter7	TRUE	The filter declaration can contain initialization parameters which can be read by the filter through the <code>FilterConfig</code> object
SPEC2_20	Action	filter8	TRUE	For each filter declaration, the filter instance must receive all initialization parameters defined in the filter declaration
SPEC2_20	Action	filter9	TRUE	For each filter declaration, the filter instance must receive only initialization parameters defined in the filter declaration
SPEC2_20	Action	filter10	TRUE	For multiple filter declarations for a single filter class, the filter instance must receive all initialization parameters defined in the filter declaration
SPEC2_20	Action	filter11	TRUE	For multiple filter declarations for a single filter class, the filter instance must receive only initialization parameters defined in the filter declaration
SPEC2_20	Action	filter12	TRUE	A filter class can appear in multiple filter declarations
SPEC2_20	Action	filter13	TRUE	A filter declaration can be mapped to a portlet through the deployment descriptor <code>&lt;filter-mapping&gt;</code> element

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_20	Action	filter14	TRUE	Filters can be associated with groups of portlets using the '*' character as a wildcard at the end of a string to indicate that the filter must be applied to any portlet whose name starts with the characters before the "*" character
SPEC2_20	Action	filter15	TRUE	The order the container uses in building the chain of filters to be applied for a particular request is the order in which the <portlet-name> matching filter mappings appear in the deployment descriptor
SPEC2_20	Action	filterWrapper1	TRUE	An ACTION_PHASE filter can wrap the ActionRequest object with a custom wrapper
SPEC2_20	Action	filterWrapper2	TRUE	An ACTION_PHASE filter can wrap the ActionResponse object with a custom wrapper
SPEC2_20	Action	filter2	TRUE	If the filter declaration specifies the <lifecycle> tag value ACTION_PHASE, the ActionFilter.doFilter method is called
SPEC2_20	Render	filter1	TRUE	A filter declaration can be configured in the deployment descriptor
SPEC2_20	Render	filter6	TRUE	A filter declaration can contain multiple <lifecycle> tags for a single filter class
SPEC2_20	Render	filter7	TRUE	The filter declaration can contain initialization parameters which can be read by the filter through the FilterConfig object
SPEC2_20	Render	filter8	TRUE	For each filter declaration, the filter instance must receive all initialization parameters defined in the filter declaration
SPEC2_20	Render	filter9	TRUE	For each filter declaration, the filter instance must receive only initialization parameters defined in the filter declaration
SPEC2_20	Render	filter10	TRUE	For multiple filter declarations for a single filter class, the filter instance must receive all initialization parameters defined in the filter declaration
SPEC2_20	Render	filter11	TRUE	For multiple filter declarations for a single filter class, the filter instance must receive only initialization parameters defined in the filter declaration
SPEC2_20	Render	filter12	TRUE	A filter class can appear in multiple filter declarations
SPEC2_20	Render	filter13	TRUE	A filter declaration can be mapped to a portlet through the deployment descriptor <filter-mapping> element
SPEC2_20	Render	filter14	TRUE	Filters can be associated with groups of portlets using the '*' character as a wildcard at the end of a string to indicate that the filter must be applied to any portlet whose name starts with the characters before the "*" character
SPEC2_20	Render	filter15	TRUE	The order the container uses in building the chain of filters to be applied for a particular request is the order in which the <portlet-name> matching filter mappings appear in the deployment descriptor
SPEC2_20	Render	filterWrapper5	TRUE	An RENDER_PHASE filter can wrap the RenderRequest object with a custom wrapper

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_20	Render	filterWrapper6	TRUE	An RENDER_PHASE filter can wrap the RenderResponse object with a custom wrapper
SPEC2_20	Render	filter3	TRUE	If the filter declaration specifies the <lifecycle> tag value RENDER_PHASE, the RenderFilter.doFilter method is called
SPEC2_20	Event	filter1	TRUE	A filter declaration can be configured in the deployment descriptor
SPEC2_20	Event	filter6	TRUE	A filter declaration can contain multiple <lifecycle> tags for a single filter class
SPEC2_20	Event	filter7	TRUE	The filter declaration can contain initialization parameters which can be read by the filter through the FilterConfig object
SPEC2_20	Event	filter8	TRUE	For each filter declaration, the filter instance must receive all initialization parameters defined in the filter declaration
SPEC2_20	Event	filter9	TRUE	For each filter declaration, the filter instance must receive only initialization parameters defined in the filter declaration
SPEC2_20	Event	filter10	TRUE	For multiple filter declarations for a single filter class, the filter instance must receive all initialization parameters defined in the filter declaration
SPEC2_20	Event	filter11	TRUE	For multiple filter declarations for a single filter class, the filter instance must receive only initialization parameters defined in the filter declaration
SPEC2_20	Event	filter12	TRUE	A filter class can appear in multiple filter declarations
SPEC2_20	Event	filter13	TRUE	A filter declaration can be mapped to a portlet through the deployment descriptor <filter-mapping> element
SPEC2_20	Event	filter14	TRUE	Filters can be associated with groups of portlets using the '*' character as a wildcard at the end of a string to indicate that the filter must be applied to any portlet whose name starts with the characters before the "*" character
SPEC2_20	Event	filter15	TRUE	The order the container uses in building the chain of filters to be applied for a particular request is the order in which the <portlet-name> matching filter mappings appear in the deployment descriptor
SPEC2_20	Event	filterWrapper3	TRUE	An EVENT_PHASE filter can wrap the EventRequest object with a custom wrapper
SPEC2_20	Event	filterWrapper4	TRUE	An EVENT_PHASE filter can wrap the EventResponse object with a custom wrapper
SPEC2_20	Event	filter4	TRUE	If the filter declaration specifies the <lifecycle> tag value EVENT_PHASE, the EventFilter.doFilter method is called
SPEC2_20	Resource	filter1	TRUE	A filter declaration can be configured in the deployment descriptor
SPEC2_20	Resource	filter6	TRUE	A filter declaration can contain multiple <lifecycle> tags for a single filter class
SPEC2_20	Resource	filter7	TRUE	The filter declaration can contain initialization parameters which can be read by the filter through the FilterConfig object

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_20	Resource	filter8	TRUE	For each filter declaration, the filter instance must receive all initialization parameters defined in the filter declaration
SPEC2_20	Resource	filter9	TRUE	For each filter declaration, the filter instance must receive only initialization parameters defined in the filter declaration
SPEC2_20	Resource	filter10	TRUE	For multiple filter declarations for a single filter class, the filter instance must receive all initialization parameters defined in the filter declaration
SPEC2_20	Resource	filter11	TRUE	For multiple filter declarations for a single filter class, the filter instance must receive only initialization parameters defined in the filter declaration
SPEC2_20	Resource	filter12	TRUE	A filter class can appear in multiple filter declarations
SPEC2_20	Resource	filter13	TRUE	A filter declaration can be mapped to a portlet through the deployment descriptor <filter-mapping> element
SPEC2_20	Resource	filter14	TRUE	Filters can be associated with groups of portlets using the '*' character as a wildcard at the end of a string to indicate that the filter must be applied to any portlet whose name starts with the characters before the "*" character
SPEC2_20	Resource	filter15	TRUE	The order the container uses in building the chain of filters to be applied for a particular request is the order in which the <portlet-name> matching filter mappings appear in the deployment descriptor
SPEC2_20	Resource	filter5	TRUE	If the filter declaration specifies the <lifecycle> tag value RESOURCE_PHASE, the ResourceFilter.doFilter method is called
SPEC2_20	Resource	filterWrapper7	TRUE	An RESOURCE_PHASE filter can wrap the ResourceRequest object with a custom wrapper
SPEC2_20	Resource	filterWrapper8	TRUE	An RESOURCE_PHASE filter can wrap the ResourceResponse object with a custom wrapper
<b>Portlet Tag Library Tests</b>				
SPEC2_26	Include JSP General	defineObjects3	TRUE	The version 1.0 tag library may be referenced using <%@ taglib uri="http://java.sun.com/portlet" prefix="portlet" %>
SPEC2_26	Include JSP General	defineObjects1	TRUE	The portlet-container must provide an implementation of the Tag Lib
SPEC2_26	Include JSP General	defineObjects2	TRUE	In order to obtain version 2 support, the tag library must be specified as <%@ taglib uri="http://java.sun.com/portlet_2_0" prefix="portlet" %>
SPEC2_26	Include JSP General	defineObjects4	TRUE	The defineObjects tag must not define any attribute and it must not contain any body content
SPEC2_26	Include JSP General	namespace	TRUE	The namespace tag produces a unique string value for the current portlet equal to the value returned by the PortletResponse.getNamespace method
SPEC2_26	Include JSP General	escapeXML1	TRUE	The container runtime option "javax.portlet.escapeXml" can be used to set the default escapeXML setting to true

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_26	Include JSP General	escapeXML2	TRUE	The container runtime option "javax.portlet.escapeXml" can be used to set the default escapeXML setting to false
SPEC2_26	Include JSP Action	defineObjects1	TRUE	When included in the Action phase, the defineObjects tag defines the variable RenderRequest renderRequest to be null or undefined
SPEC2_26	Include JSP Action	defineObjects2	TRUE	When included in the Action phase, the defineObjects tag defines the variable ResourceRequest resourceRequest to be null or undefined
SPEC2_26	Include JSP Action	defineObjects3	TRUE	When included in the Action phase, the defineObjects tag defines the variable ActionRequest actionRequest to the corresponding object
SPEC2_26	Include JSP Action	defineObjects4	TRUE	When included in the Action phase, the defineObjects tag defines the variable EventRequest eventRequest to be null or undefined
SPEC2_26	Include JSP Action	defineObjects5	TRUE	When included in the Action phase, the defineObjects tag defines the variable RenderResponse renderResponse to be null or undefined
SPEC2_26	Include JSP Action	defineObjects6	TRUE	When included in the Action phase, the defineObjects tag defines the variable ResourceResponse resourceResponse to be null or undefined
SPEC2_26	Include JSP Action	defineObjects7	TRUE	When included in the Action phase, the defineObjects tag defines the variable ActionResponse actionResponse to the corresponding object
SPEC2_26	Include JSP Action	defineObjects8	TRUE	When included in the Action phase, the defineObjects tag defines the variable EventResponse eventResponse to be null or undefined
SPEC2_26	Include JSP Action	defineObjects9	TRUE	When included in the Action phase, the defineObjects tag defines the variable PortletConfig portletConfig
SPEC2_26	Include JSP Action	defineObjects10	TRUE	When included in the Action phase, the defineObjects tag defines the variable PortletSession portletSession, providing access to the portletSession, does not create a new session, only returns an existing session or null if no session exists.
SPEC2_26	Include JSP Action	defineObjects11	TRUE	When included in the Action phase, the defineObjects tag defines the variable Map<String, Object> portletSessionScope, providing access to the portletSession attributes as a Map equivalent to the PortletSession.getAttributeMap() call, does not create a new session, only returns an existing session. If no session attributes exist this method returns an empty Map.
SPEC2_26	Include JSP Action	defineObjects12	TRUE	When included in the Action phase, the defineObjects tag defines the variable PortletPreferences portletPreferences, providing access to the portlet preferences.
SPEC2_26	Include JSP Action	defineObjects13	TRUE	When included in the Action phase, the defineObjects tag defines the variable Map<String, String[]> portletPreferencesValues, providing access to the portlet preferences as a Map, equivalent to the PortletPreferences.getMap() call. If no portlet preferences exist, the Map is empty.
SPEC2_26	Include JSP Event	defineObjects1	TRUE	When included in the Event phase, the defineObjects tag defines the variable RenderRequest renderRequest to be null or undefined

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_26	Include JSP Event	defineObjects2	TRUE	When included in the Event phase, the defineObjects tag defines the variable ResourceRequest resourceRequest to be null or undefined
SPEC2_26	Include JSP Event	defineObjects3	TRUE	When included in the Event phase, the defineObjects tag defines the variable ActionRequest actionRequest to be null or undefined
SPEC2_26	Include JSP Event	defineObjects4	TRUE	When included in the Event phase, the defineObjects tag defines the variable EventRequest eventRequest to the corresponding object
SPEC2_26	Include JSP Event	defineObjects5	TRUE	When included in the Event phase, the defineObjects tag defines the variable RenderResponse renderResponse to be null or undefined
SPEC2_26	Include JSP Event	defineObjects6	TRUE	When included in the Event phase, the defineObjects tag defines the variable ResourceResponse resourceResponse to be null or undefined
SPEC2_26	Include JSP Event	defineObjects7	TRUE	When included in the Event phase, the defineObjects tag defines the variable ActionResponse actionResponse to be null or undefined
SPEC2_26	Include JSP Event	defineObjects8	TRUE	When included in the Event phase, the defineObjects tag defines the variable EventResponse eventResponse to the corresponding object
SPEC2_26	Include JSP Event	defineObjects9	TRUE	When included in the Event phase, the defineObjects tag defines the variable PortletConfig portletConfig
SPEC2_26	Include JSP Event	defineObjects10	TRUE	When included in the Event phase, the defineObjects tag defines the variable PortletSession portletSession, providing access to the portletSession, does not create a new session, only returns an existing session or null if no session exists.
SPEC2_26	Include JSP Event	defineObjects11	TRUE	When included in the Event phase, the defineObjects tag defines the variable Map<String, Object> portletSessionScope, providing access to the portletSession attributes as a Map equivalent to the PortletSession.getAttributeMap() call, does not create a new session, only returns an existing session. If no session attributes exist this method returns an empty Map.
SPEC2_26	Include JSP Event	defineObjects12	TRUE	When included in the Event phase, the defineObjects tag defines the variable PortletPreferences portletPreferences, providing access to the portlet preferences.
SPEC2_26	Include JSP Event	defineObjects13	TRUE	When included in the Event phase, the defineObjects tag defines the variable Map<String, String[]> portletPreferencesValues, providing access to the portlet preferences as a Map, equivalent to the PortletPreferences.getMap() call. If no portlet preferences exist, the Map is empty.
<b>Portlet Tag Library Tests 2</b>				
SPEC2_26	Include JSP Render	defineObjectsRender1	TRUE	When included in the Render phase, the defineObjects tag defines the variable RenderRequest renderRequest to the corresponding object
SPEC2_26	Include JSP Render	defineObjectsRender2	TRUE	When included in the Render phase, the defineObjects tag defines the variable ResourceRequest resourceRequest to be null or undefined
SPEC2_26	Include JSP Render	defineObjectsRender3	TRUE	When included in the Render phase, the defineObjects tag defines the variable ActionRequest actionRequest to be null or undefined

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_26	Include JSP Render	defineObjectsRender4	TRUE	When included in the Render phase, the defineObjects tag defines the variable EventRequest eventRequest to be null or undefined
SPEC2_26	Include JSP Render	defineObjectsRender5	TRUE	When included in the Render phase, the defineObjects tag defines the variable RenderResponse renderResponse to the corresponding object
SPEC2_26	Include JSP Render	defineObjectsRender6	TRUE	When included in the Render phase, the defineObjects tag defines the variable ResourceResponse resourceResponse to be null or undefined
SPEC2_26	Include JSP Render	defineObjectsRender7	TRUE	When included in the Render phase, the defineObjects tag defines the variable ActionResponse actionResponse to be null or undefined
SPEC2_26	Include JSP Render	defineObjectsRender8	TRUE	When included in the Render phase, the defineObjects tag defines the variable EventResponse eventResponse to be null or undefined
SPEC2_26	Include JSP Render	defineObjectsRender9	TRUE	When included in the Render phase, the defineObjects tag defines the variable PortletConfig portletConfig
SPEC2_26	Include JSP Render	defineObjectsRender10	TRUE	When included in the Render phase, the defineObjects tag defines the variable PortletSession portletSession, providing access to the portletSession, does not create a new session, only returns an existing session or null if no session exists.
SPEC2_26	Include JSP Render	defineObjectsRender11	TRUE	When included in the Render phase, the defineObjects tag defines the variable Map<String, Object> portletSessionScope, providing access to the portletSession attributes as a Map equivalent to the PortletSession.getAttributeMap() call, does not create a new session, only returns an existing session. If no session attributes exist this method returns an empty Map.
SPEC2_26	Include JSP Render	defineObjectsRender12	TRUE	When included in the Render phase, the defineObjects tag defines the variable PortletPreferences portletPreferences, providing access to the portlet preferences.
SPEC2_26	Include JSP Render	defineObjectsRender13	TRUE	When included in the Render phase, the defineObjects tag defines the variable Map<String, String[]> portletPreferencesValues, providing access to the portlet preferences as a Map, equivalent to the PortletPreferences.getMap() call. If no portlet preferences exist, the Map is empty.
SPEC2_26	Include JSP Render	actionURL1	TRUE	The portlet actionURL tag creates a URL that must point to the current portlet and must trigger an action request with the supplied parameters
SPEC2_26	Include JSP Render	actionURL2	TRUE	Parameters may be added to the URL by including the param tag between the actionURL start and end tags
SPEC2_26	Include JSP Render	actionURL3	TRUE	The optional actionURL "windowState" attribute can specify the desired window state after the URL is triggered
SPEC2_26	Include JSP Render	actionURL4	TRUE	If the "windowState" attribute specifies an invalid value, a JspException with the PortletException that caused this error as root cause is thrown
SPEC2_26	Include JSP Render	actionURL5	TRUE	The "windowState" attribute is not case sensitive
SPEC2_26	Include JSP Render	actionURL6	TRUE	The "windowState" attribute is not specified, the current window state is retained when the URL is triggered

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_26	Include JSP Render	actionURL7	TRUE	The optional actionURL "portletMode" attribute can specify the desired portlet mode after the URL is triggered
SPEC2_26	Include JSP Render	actionURL8	TRUE	If the "portletMode" attribute specifies an invalid value, a JspException with the PortletException that caused this error as root cause is thrown
SPEC2_26	Include JSP Render	actionURL9	TRUE	The "portletMode" attribute is not case sensitive
SPEC2_26	Include JSP Render	actionURL10	TRUE	The "portletMode" attribute is not specified, the current portlet mode is retained when the URL is triggered
SPEC2_26	Include JSP Render	actionURL11	TRUE	The optional actionURL "var" attribute can specify a scoped variable for exporting the action URL
SPEC2_26	Include JSP Render	actionURL12	TRUE	If the actionURL "var" attribute is specified, the URL is not written to the JspWriter
SPEC2_26	Include JSP Render	actionURL13	TRUE	If the actionURL "var" attribute is not specified, the URL is written to the JspWriter
SPEC2_26	Include JSP Render	actionURL14	TRUE	If the optional actionURL "secure" attribute is set to true, the resulting URL should require a secure connection
SPEC2_26	Include JSP Render	actionURL15	TRUE	If the optional actionURL "secure" attribute is set to false, the resulting URL does not need to require a secure connection
SPEC2_26	Include JSP Render	actionURL16	FALSE	If the "secure" attribute specifies an invalid value, a JspException with the PortletException that caused this error as root cause is thrown
SPEC2_26	Include JSP Render	actionURL17	TRUE	The "secure" attribute is not specified, the security setting is retained
SPEC2_26	Include JSP Render	actionURL18	TRUE	If the optional actionURL "copyCurrentRenderParameters" attribute is set to true, the current private render parameters are attached to the URL
SPEC2_26	Include JSP Render	actionURL19	TRUE	If the optional actionURL "copyCurrentRenderParameters" attribute is set to true, additional parameters specified with the <portlet:param> element are merged with the render parameters
SPEC2_26	Include JSP Render	actionURL20	TRUE	If the optional actionURL "copyCurrentRenderParameters" attribute is set to true, additional parameters specified with the <portlet:param> element appear in the values array before the render parameter values if there is a name conflict
SPEC2_26	Include JSP Render	actionURL21	TRUE	If the optional actionURL "copyCurrentRenderParameters" attribute is set to false, the current render parameters are not attached to the URL
SPEC2_26	Include JSP Render	actionURL22	TRUE	If the "copyCurrentRenderParameters" attribute specifies an invalid value, a JspException is thrown
SPEC2_26	Include JSP Render	actionURL23	TRUE	The "copyCurrentRenderParameters" attribute is not specified, the security setting is retained
SPEC2_26	Include JSP Render	actionURL24	FALSE	If the optional actionURL "escapeXML" attribute is set to true, the characters "<&'\\" are converted to their entity codes
SPEC2_26	Include JSP Render	actionURL25	TRUE	If the optional actionURL "escapeXML" attribute is set to false, the characters "<&'\\" are not converted to their entity codes
SPEC2_26	Include JSP Render	actionURL26	TRUE	The "escapeXML" attribute default value is true

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_26	Include JSP Render	actionURL27	TRUE	If the optional actionURL "name" attribute is set, the provided name string is used by GenericPortlet to dispatch the request to the corresponding annotated method
SPEC2_26	Include JSP Render	actionURL28	TRUE	Setting the "name" attribute will add a parameter to the action URL with the name of "javax.portlet.action"
SPEC2_26	Include JSP Render	actionURL29	TRUE	If this tag is used in markup provided by a serveResource call that was directly or indirectly triggered via a resource URL of type FULL, a JspException with the IllegalStateException that caused this error is thrown
SPEC2_26	Include JSP Render	actionURL30	TRUE	If this tag is used in markup provided by a serveResource call that was directly or indirectly triggered via a resource URL of type PORTLET, a JspException with the IllegalStateException that caused this error is thrown
SPEC2_26	Include JSP Render	renderURL1	TRUE	The portlet renderURL tag creates a URL that must point to the current portlet and must trigger an render request with the supplied parameters
SPEC2_26	Include JSP Render	renderURL2	TRUE	Parameters may be added to the URL by including the param tag between the renderURL start and end tags
SPEC2_26	Include JSP Render	renderURL3	TRUE	The optional renderURL "windowState" attribute can specify the desired window state after the URL is triggered
SPEC2_26	Include JSP Render	renderURL4	TRUE	If the "windowState" attribute specifies an invalid value, a JspException with the PortletException that caused this error as root cause is thrown
SPEC2_26	Include JSP Render	renderURL5	TRUE	The "windowState" attribute is not case sensitive
SPEC2_26	Include JSP Render	renderURL6	TRUE	The "windowState" attribute is not specified, the current window state is retained when the URL is triggered
SPEC2_26	Include JSP Render	renderURL7	TRUE	The optional renderURL "portletMode" attribute can specify the desired portlet mode after the URL is triggered
SPEC2_26	Include JSP Render	renderURL8	TRUE	If the "portletMode" attribute specifies an invalid value, a JspException with the PortletException that caused this error as root cause is thrown
SPEC2_26	Include JSP Render	renderURL9	TRUE	The "portletMode" attribute is not case sensitive
SPEC2_26	Include JSP Render	renderURL10	TRUE	The "portletMode" attribute is not specified, the current portlet mode is retained when the URL is triggered
SPEC2_26	Include JSP Render	renderURL11	TRUE	The optional renderURL "var" attribute can specify a scoped variable for exporting the action URL
SPEC2_26	Include JSP Render	renderURL12	TRUE	If the renderURL "var" attribute is specified, the URL is not written to the JspWriter
SPEC2_26	Include JSP Render	renderURL13	TRUE	If the renderURL "var" attribute is not specified, the URL is written to the JspWriter
SPEC2_26	Include JSP Render	renderURL14	TRUE	If the optional renderURL "secure" attribute is set to true, the resulting URL should require a secure connection
SPEC2_26	Include JSP Render	renderURL15	TRUE	If the optional renderURL "secure" attribute is set to false, the resulting URL does not need to require a secure connection

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_26	Include JSP Render	renderURL16	FALSE	If the "secure" attribute specifies an invalid value, a JspException with the PortletException that caused this error as root cause is thrown
SPEC2_26	Include JSP Render	renderURL17	TRUE	The "secure" attribute is not specified, the security setting is retained
SPEC2_26	Include JSP Render	renderURL18	TRUE	If the optional renderURL "copyCurrentRenderParameters" attribute is set to true, the current private render parameters are attached to the URL
SPEC2_26	Include JSP Render	renderURL19	TRUE	If the optional renderURL "copyCurrentRenderParameters" attribute is set to true, additional parameters specified with the <portlet:param> element are merged with the render parameters
SPEC2_26	Include JSP Render	renderURL20	TRUE	If the optional renderURL "copyCurrentRenderParameters" attribute is set to true, additional parameters specified with the <portlet:param> element appear in the values array before the render parameter values if there is a name conflict
SPEC2_26	Include JSP Render	renderURL21	TRUE	If the optional renderURL "copyCurrentRenderParameters" attribute is set to false, the current render parameters are not attached to the URL
SPEC2_26	Include JSP Render	renderURL22	TRUE	If the "copyCurrentRenderParameters" attribute specifies an invalid value, a JspException is thrown
SPEC2_26	Include JSP Render	renderURL23	TRUE	The "copyCurrentRenderParameters" attribute is not specified, the security setting is retained
SPEC2_26	Include JSP Render	renderURL24	FALSE	If the optional renderURL "escapeXML" attribute is set to true, the characters "<&'\'" are converted to their entity codes
SPEC2_26	Include JSP Render	renderURL25	TRUE	If the optional renderURL "escapeXML" attribute is set to false, the characters "<&'\'" are not converted to their entity codes
SPEC2_26	Include JSP Render	renderURL26	TRUE	The "escapeXML" attribute default value is true
SPEC2_26	Include JSP Render	resourceURL1	TRUE	The portlet resourceURL tag creates a URL that must point to the current portlet and must trigger a resource request with the supplied parameters
SPEC2_26	Include JSP Render	resourceURL2	TRUE	The resourceURL must preserve the current portlet mode, window state and render parameters
SPEC2_26	Include JSP Render	resourceURL3	TRUE	Resource parameters may be added to the URL by including the param tag between the resourceURL start and end tags
SPEC2_26	Include JSP Render	resourceURL4	TRUE	The resource parameters specified with the <portlet:param> element appear in the values array before the render parameter values if there is a name conflict
SPEC2_26	Include JSP Render	resourceURL5	TRUE	The optional resourceURL "var" attribute can specify a scoped variable for exporting the action URL
SPEC2_26	Include JSP Render	resourceURL6	TRUE	If the resourceURL "var" attribute is specified, the URL is not written to the JspWriter
SPEC2_26	Include JSP Render	resourceURL7	TRUE	If the resourceURL "var" attribute is not specified, the URL is written to the JspWriter
SPEC2_26	Include JSP Render	resourceURL8	TRUE	If the optional resourceURL "secure" attribute is set to true, the resulting URL should require a secure connection

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_26	Include JSP Render	resourceURL9	TRUE	If the optional resourceURL "secure" attribute is set to false, the resulting URL does not need to require a secure connection
SPEC2_26	Include JSP Render	resourceURL10	FALSE	If the "secure" attribute specifies an invalid value, a JspException with the PortletException that caused this error as root cause is thrown
SPEC2_26	Include JSP Render	resourceURL11	TRUE	The "secure" attribute is not specified, the security setting is retained
SPEC2_26	Include JSP Render	resourceURL12	TRUE	If the optional resourceURL "copyCurrentRenderParameters" attribute is set to true, the current private render parameters are attached to the URL
SPEC2_26	Include JSP Render	resourceURL13	TRUE	If the optional resourceURL "copyCurrentRenderParameters" attribute is set to true, additional parameters specified with the <portlet:param> element are merged with the render parameters
SPEC2_26	Include JSP Render	resourceURL14	TRUE	If the optional resourceURL "copyCurrentRenderParameters" attribute is set to true, additional parameters specified with the <portlet:param> element appear in the values array before the render parameter values if there is a name conflict
SPEC2_26	Include JSP Render	resourceURL15	TRUE	If the optional resourceURL "copyCurrentRenderParameters" attribute is set to false, the current render parameters are not attached to the URL
SPEC2_26	Include JSP Render	resourceURL16	TRUE	If the "copyCurrentRenderParameters" attribute specifies an invalid value, a JspException is thrown
SPEC2_26	Include JSP Render	resourceURL17	TRUE	The "copyCurrentRenderParameters" attribute is not specified, the security setting is retained
SPEC2_26	Include JSP Render	resourceURL18	FALSE	If the optional resourceURL "escapeXML" attribute is set to true, the characters "<&'\'" are converted to their entity codes
SPEC2_26	Include JSP Render	resourceURL19	TRUE	If the optional resourceURL "escapeXML" attribute is set to false, the characters "<&'\'" are not converted to their entity codes
SPEC2_26	Include JSP Render	resourceURL20	TRUE	The "escapeXML" attribute default value is true
SPEC2_26	Include JSP Render	resourceURL21	TRUE	If the optional resourceURL "id" attribute is set, the provided id string is used by GenericPortlet to dispatch the request to the corresponding annotated method
SPEC2_26	Include JSP Render	resourceURL22	TRUE	Setting the "id" attribute will add a parameter to the action URL with the id of "javax.portlet.action"
SPEC2_26	Include JSP Render	resourceURL23	TRUE	If the optional resourceURL "cacheability" attribute is set, the cacheability is set accordingly
SPEC2_26	Include JSP Render	resourceURL24	TRUE	If the optional resourceURL "cacheability" attribute is not set, the current cacheability setting is retained
SPEC2_26	Include JSP Render	resourceURL25	TRUE	If the cacheability is set to PAGE in a Resource phase include with cacheability = FULL, a JspException with the IllegalStateException that caused this error is thrown
SPEC2_26	Include JSP Render	resourceURL26	TRUE	If the cacheability is set to PORTLET in a Resource phase include with cacheability = FULL, a JspException with the IllegalStateException that caused this error is thrown

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_26	Include JSP Render	resourceURL27	TRUE	If the cacheability is set to PAGE in a Resource phase include with cacheability = PORTLET, a JspException with the IllegalStateException that caused this error is thrown
SPEC2_26	Include JSP Render	paramAction1	TRUE	The param tag can be used within the actionURL tag to add a parameter
SPEC2_26	Include JSP Render	paramAction2	TRUE	The param tag required attribute "name" defines the parameter name
SPEC2_26	Include JSP Render	paramAction3	TRUE	If more than one tags appear in the actionURL tag, the values must be stored as a multivalued array in order of appearance within the actionURL tag
SPEC2_26	Include JSP Render	paramAction4	TRUE	If the "name" attribute is null or empty, no action is performed
SPEC2_26	Include JSP Render	paramAction5	TRUE	The param tag required attribute "value" defines the parameter value
SPEC2_26	Include JSP Render	paramAction6	TRUE	If the "value" attribute is null or empty, the parameter is removed
SPEC2_26	Include JSP Render	paramRender1	TRUE	The param tag can be used within the renderURL tag to add a parameter
SPEC2_26	Include JSP Render	paramRender2	TRUE	The param tag required attribute "name" defines the parameter name
SPEC2_26	Include JSP Render	paramRender3	TRUE	If more than one tags appear in the renderURL tag, the values must be stored as a multivalued array in order of appearance within the renderURL tag
SPEC2_26	Include JSP Render	paramRender4	TRUE	If the "name" attribute is null or empty, no action is performed
SPEC2_26	Include JSP Render	paramRender5	TRUE	The param tag required attribute "value" defines the parameter value
SPEC2_26	Include JSP Render	paramRender6	TRUE	If the "value" attribute is null or empty, the parameter is removed
SPEC2_26	Include JSP Render	paramResource1	TRUE	The param tag can be used within the resourceURL tag to add a parameter
SPEC2_26	Include JSP Render	paramResource2	TRUE	The param tag required attribute "name" defines the parameter name
SPEC2_26	Include JSP Render	paramResource3	TRUE	If more than one tags appear in the resourceURL tag, the values must be stored as a multivalued array in order of appearance within the resourceURL tag
SPEC2_26	Include JSP Render	paramResource4	TRUE	If the "name" attribute is null or empty, no action is performed
SPEC2_26	Include JSP Render	paramResource5	TRUE	The param tag required attribute "value" defines the parameter value
SPEC2_26	Include JSP Render	paramResource6	TRUE	If the "value" attribute is null or empty, no action is performed
SPEC2_26	Include JSP Render	propertyAction1	TRUE	The property tag can be used within the actionURL tag to add a property
SPEC2_26	Include JSP Render	propertyAction2	TRUE	The property tag required attribute "name" defines the property name
SPEC2_26	Include JSP Render	propertyAction3	TRUE	If more than one tags appear in the actionURL tag, the values must be stored as a multivalued array in order of appearance within the actionURL tag
SPEC2_26	Include JSP Render	propertyAction4	TRUE	If the "name" attribute is null or empty, no action is performed
SPEC2_26	Include JSP Render	propertyAction5	TRUE	The property tag required attribute "value" defines the property value
SPEC2_26	Include JSP Render	propertyAction6	TRUE	If the "value" attribute is null or empty, the property value is set to null
SPEC2_26	Include JSP Render	propertyRender1	TRUE	The property tag can be used within the renderURL tag to add a property
SPEC2_26	Include JSP Render	propertyRender2	TRUE	The property tag required attribute "name" defines the property name

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_26	Include JSP Render	propertyRender3	TRUE	If more than one tags appear in the renderURL tag, the values must be stored as a multivalued array in order of appearance within the renderURL tag
SPEC2_26	Include JSP Render	propertyRender4	TRUE	If the "name" attribute is null or empty, no action is performed
SPEC2_26	Include JSP Render	propertyRender5	TRUE	The property tag required attribute "value" defines the property value
SPEC2_26	Include JSP Render	propertyRender6	TRUE	If the "value" attribute is null or empty, the property value is set to null
SPEC2_26	Include JSP Render	propertyResource1	TRUE	The property tag can be used within the resourceURL tag to add a property
SPEC2_26	Include JSP Render	propertyResource2	TRUE	The property tag required attribute "name" defines the property name
SPEC2_26	Include JSP Render	propertyResource3	TRUE	If more than one tags appear in the resourceURL tag, the values must be stored as a multivalued array in order of appearance within the resourceURL tag
SPEC2_26	Include JSP Render	propertyResource4	TRUE	If the "name" attribute is null or empty, no action is performed
SPEC2_26	Include JSP Render	propertyResource5	TRUE	The property tag required attribute "value" defines the property value
SPEC2_26	Include JSP Render	propertyResource6	TRUE	If the "value" attribute is null or empty, the property value is set to null
<b>Portlet Tag Library Tests 3</b>				
SPEC2_26	Include JSP Resource	defineObjectsResource1	TRUE	When included in the Resource phase, the defineObjects tag defines the variable RenderRequest renderRequest to be null or undefined
SPEC2_26	Include JSP Resource	defineObjectsResource2	TRUE	When included in the Resource phase, the defineObjects tag defines the variable ResourceRequest resourceRequest to the corresponding object
SPEC2_26	Include JSP Resource	defineObjectsResource3	TRUE	When included in the Resource phase, the defineObjects tag defines the variable ActionRequest actionRequest to be null or undefined
SPEC2_26	Include JSP Resource	defineObjectsResource4	TRUE	When included in the Resource phase, the defineObjects tag defines the variable EventRequest eventRequest to be null or undefined
SPEC2_26	Include JSP Resource	defineObjectsResource5	TRUE	When included in the Resource phase, the defineObjects tag defines the variable RenderResponse renderResponse to be null or undefined
SPEC2_26	Include JSP Resource	defineObjectsResource6	TRUE	When included in the Resource phase, the defineObjects tag defines the variable ResourceResponse resourceResponse to the corresponding object
SPEC2_26	Include JSP Resource	defineObjectsResource7	TRUE	When included in the Resource phase, the defineObjects tag defines the variable ActionResponse actionResponse to be null or undefined
SPEC2_26	Include JSP Resource	defineObjectsResource8	TRUE	When included in the Resource phase, the defineObjects tag defines the variable EventResponse eventResponse to be null or undefined
SPEC2_26	Include JSP Resource	defineObjectsResource9	TRUE	When included in the Resource phase, the defineObjects tag defines the variable PortletConfig portletConfig
SPEC2_26	Include JSP Resource	defineObjectsResource10	TRUE	When included in the Resource phase, the defineObjects tag defines the variable PortletSession portletSession, providing access to the portletSession, does not create a new session, only returns an existing session or null if no session exists.

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_26	Include JSP Resource	defineObjectsResource11	TRUE	When included in the Resource phase, the defineObjects tag defines the variable Map<String, Object> portletSessionScope, providing access to the portletSession attributes as a Map equivalent to the PortletSession.getAttributeMap() call, does not create a new session, only returns an existing session. If no session attributes exist this method returns an empty Map.
SPEC2_26	Include JSP Resource	defineObjectsResource12	TRUE	When included in the Resource phase, the defineObjects tag defines the variable PortletPreferences portletPreferences, providing access to the portlet preferences.
SPEC2_26	Include JSP Resource	defineObjectsResource13	TRUE	When included in the Resource phase, the defineObjects tag defines the variable Map<String, String[]> portletPreferencesValues, providing access to the portlet preferences as a Map, equivalent to the PortletPreferences.getMap() call. If no portlet preferences exist, the Map is empty.
SPEC2_26	Include JSP Resource	actionURL1	TRUE	The portlet actionURL tag creates a URL that must point to the current portlet and must trigger an action request with the supplied parameters
SPEC2_26	Include JSP Resource	actionURL2	TRUE	Parameters may be added to the URL by including the param tag between the actionURL start and end tags
SPEC2_26	Include JSP Resource	actionURL3	TRUE	The optional actionURL "windowState" attribute can specify the desired window state after the URL is triggered
SPEC2_26	Include JSP Resource	actionURL4	TRUE	If the "windowState" attribute specifies an invalid value, a JspException with the PortletException that caused this error as root cause is thrown
SPEC2_26	Include JSP Resource	actionURL5	TRUE	The "windowState" attribute is not case sensitive
SPEC2_26	Include JSP Resource	actionURL6	TRUE	The "windowState" attribute is not specified, the current window state is retained when the URL is triggered
SPEC2_26	Include JSP Resource	actionURL7	TRUE	The optional actionURL "portletMode" attribute can specify the desired portlet mode after the URL is triggered
SPEC2_26	Include JSP Resource	actionURL8	TRUE	If the "portletMode" attribute specifies an invalid value, a JspException with the PortletException that caused this error as root cause is thrown
SPEC2_26	Include JSP Resource	actionURL9	TRUE	The "portletMode" attribute is not case sensitive
SPEC2_26	Include JSP Resource	actionURL10	TRUE	The "portletMode" attribute is not specified, the current portlet mode is retained when the URL is triggered
SPEC2_26	Include JSP Resource	actionURL11	TRUE	The optional actionURL "var" attribute can specify a scoped variable for exporting the action URL
SPEC2_26	Include JSP Resource	actionURL12	TRUE	If the actionURL "var" attribute is specified, the URL is not written to the JspWriter
SPEC2_26	Include JSP Resource	actionURL13	TRUE	If the actionURL "var" attribute is not specified, the URL is written to the JspWriter

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_26	Include JSP Resource	actionURL14	TRUE	If the optional actionURL "secure" attribute is set to true, the resulting URL should require a secure connection
SPEC2_26	Include JSP Resource	actionURL15	TRUE	If the optional actionURL "secure" attribute is set to false, the resulting URL does not need to require a secure connection
SPEC2_26	Include JSP Resource	actionURL16	FALSE	If the "secure" attribute specifies an invalid value, a JspException with the PortletException that caused this error as root cause is thrown
SPEC2_26	Include JSP Resource	actionURL17	TRUE	The "secure" attribute is not specified, the security setting is retained
SPEC2_26	Include JSP Resource	actionURL18	TRUE	If the optional actionURL "copyCurrentRenderParameters" attribute is set to true, the current private render parameters are attached to the URL
SPEC2_26	Include JSP Resource	actionURL19	TRUE	If the optional actionURL "copyCurrentRenderParameters" attribute is set to true, additional parameters specified with the <portlet:param> element are merged with the render parameters
SPEC2_26	Include JSP Resource	actionURL20	TRUE	If the optional actionURL "copyCurrentRenderParameters" attribute is set to true, additional parameters specified with the <portlet:param> element appear in the values array before the render parameter values if there is a name conflict
SPEC2_26	Include JSP Resource	actionURL21	TRUE	If the optional actionURL "copyCurrentRenderParameters" attribute is set to false, the current render parameters are not attached to the URL
SPEC2_26	Include JSP Resource	actionURL22	TRUE	If the "copyCurrentRenderParameters" attribute specifies an invalid value, a JspException is thrown
SPEC2_26	Include JSP Resource	actionURL23	TRUE	The "copyCurrentRenderParameters" attribute is not specified, the security setting is retained
SPEC2_26	Include JSP Resource	actionURL24	FALSE	If the optional actionURL "escapeXML" attribute is set to true, the characters "<&'\'" are converted to their entity codes
SPEC2_26	Include JSP Resource	actionURL25	TRUE	If the optional actionURL "escapeXML" attribute is set to false, the characters "<&'\'" are not converted to their entity codes
SPEC2_26	Include JSP Resource	actionURL26	TRUE	The "escapeXML" attribute default value is true
SPEC2_26	Include JSP Resource	actionURL27	TRUE	If the optional actionURL "name" attribute is set, the provided name string is used by GenericPortlet to dispatch the request to the corresponding annotated method
SPEC2_26	Include JSP Resource	actionURL28	TRUE	Setting the "name" attribute will add a parameter to the action URL with the name of "javax.portlet.action"
SPEC2_26	Include JSP Resource	actionURL29	TRUE	If this tag is used in markup provided by a serveResource call that was directly or indirectly triggered via a resource URL of type FULL, a JspException with the IllegalStateException that caused this error is thrown

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_26	Include JSP Resource	actionURL30	TRUE	If this tag is used in markup provided by a serveResource call that was directly or indirectly triggered via a resource URL of type PORTLET, a JspException with the IllegalStateException that caused this error is thrown
SPEC2_26	Include JSP Resource	renderURL1	TRUE	The portlet renderURL tag creates a URL that must point to the current portlet and must trigger an render request with the supplied parameters
SPEC2_26	Include JSP Resource	renderURL2	TRUE	Parameters may be added to the URL by including the param tag between the renderURL start and end tags
SPEC2_26	Include JSP Resource	renderURL3	TRUE	The optional renderURL "windowState" attribute can specify the desired window state after the URL is triggered
SPEC2_26	Include JSP Resource	renderURL4	TRUE	If the "windowState" attribute specifies an invalid value, a JspException with the PortletException that caused this error as root cause is thrown
SPEC2_26	Include JSP Resource	renderURL5	TRUE	The "windowState" attribute is not case sensitive
SPEC2_26	Include JSP Resource	renderURL6	TRUE	The "windowState" attribute is not specified, the current window state is retained when the URL is triggered
SPEC2_26	Include JSP Resource	renderURL7	TRUE	The optional renderURL "portletMode" attribute can specify the desired portlet mode after the URL is triggered
SPEC2_26	Include JSP Resource	renderURL8	TRUE	If the "portletMode" attribute specifies an invalid value, a JspException with the PortletException that caused this error as root cause is thrown
SPEC2_26	Include JSP Resource	renderURL9	TRUE	The "portletMode" attribute is not case sensitive
SPEC2_26	Include JSP Resource	renderURL10	TRUE	The "portletMode" attribute is not specified, the current portlet mode is retained when the URL is triggered
SPEC2_26	Include JSP Resource	renderURL11	TRUE	The optional renderURL "var" attribute can specify a scoped variable for exporting the action URL
SPEC2_26	Include JSP Resource	renderURL12	TRUE	If the renderURL "var" attribute is specified, the URL is not written to the JspWriter
SPEC2_26	Include JSP Resource	renderURL13	TRUE	If the renderURL "var" attribute is not specified, the URL is written to the JspWriter
SPEC2_26	Include JSP Resource	renderURL14	TRUE	If the optional renderURL "secure" attribute is set to true, the resulting URL should require a secure connection
SPEC2_26	Include JSP Resource	renderURL15	TRUE	If the optional renderURL "secure" attribute is set to false, the resulting URL does not need to require a secure connection
SPEC2_26	Include JSP Resource	renderURL16	FALSE	If the "secure" attribute specifies an invalid value, a JspException with the PortletException that caused this error as root cause is thrown
SPEC2_26	Include JSP Resource	renderURL17	TRUE	The "secure" attribute is not specified, the security setting is retained
SPEC2_26	Include JSP Resource	renderURL18	TRUE	If the optional renderURL "copyCurrentRenderParameters" attribute is set to true, the current private render parameters are attached to the URL

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_26	Include JSP Resource	renderURL19	TRUE	If the optional renderURL "copyCurrentRenderParameters" attribute is set to true, additional parameters specified with the <portlet:param> element are merged with the render parameters
SPEC2_26	Include JSP Resource	renderURL20	TRUE	If the optional renderURL "copyCurrentRenderParameters" attribute is set to true, additional parameters specified with the <portlet:param> element appear in the values array before the render parameter values if there is a name conflict
SPEC2_26	Include JSP Resource	renderURL21	TRUE	If the optional renderURL "copyCurrentRenderParameters" attribute is set to false, the current render parameters are not attached to the URL
SPEC2_26	Include JSP Resource	renderURL22	TRUE	If the "copyCurrentRenderParameters" attribute specifies an invalid value, a JspException is thrown
SPEC2_26	Include JSP Resource	renderURL23	TRUE	The "copyCurrentRenderParameters" attribute is not specified, the security setting is retained
SPEC2_26	Include JSP Resource	renderURL24	FALSE	If the optional renderURL "escapeXML" attribute is set to true, the characters "<&'\\" are converted to their entity codes
SPEC2_26	Include JSP Resource	renderURL25	TRUE	If the optional renderURL "escapeXML" attribute is set to false, the characters "<&'\\" are not converted to their entity codes
SPEC2_26	Include JSP Resource	renderURL26	TRUE	The "escapeXML" attribute default value is true
SPEC2_26	Include JSP Resource	resourceURL1	TRUE	The portlet resourceURL tag creates a URL that must point to the current portlet and must trigger an resource request with the supplied parameters
SPEC2_26	Include JSP Resource	resourceURL2	TRUE	The resourceURL must preserve the current portlet mode, window state and render parameters
SPEC2_26	Include JSP Resource	resourceURL3	TRUE	Resource parameters may be added to the URL by including the param tag between the resourceURL start and end tags
SPEC2_26	Include JSP Resource	resourceURL4	TRUE	The resource parameters specified with the <portlet:param> element appear in the values array before the render parameter values if there is a name conflict
SPEC2_26	Include JSP Resource	resourceURL5	TRUE	The optional resourceURL "var" attribute can specify a scoped variable for exporting the action URL
SPEC2_26	Include JSP Resource	resourceURL6	TRUE	If the resourceURL "var" attribute is specified, the URL is not written to the JspWriter
SPEC2_26	Include JSP Resource	resourceURL7	TRUE	If the resourceURL "var" attribute is not specified, the URL is written to the JspWriter
SPEC2_26	Include JSP Resource	resourceURL8	TRUE	If the optional resourceURL "secure" attribute is set to true, the resulting URL should require a secure connection
SPEC2_26	Include JSP Resource	resourceURL9	TRUE	If the optional resourceURL "secure" attribute is set to false, the resulting URL does not need to require a secure connection
SPEC2_26	Include JSP Resource	resourceURL10	FALSE	If the "secure" attribute specifies an invalid value, a JspException with the PortletException that caused this error as root cause is thrown

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_26	Include JSP Resource	resourceURL11	TRUE	The "secure" attribute is not specified, the security setting is retained
SPEC2_26	Include JSP Resource	resourceURL12	TRUE	If the optional resourceURL "copyCurrentRenderParameters" attribute is set to true, the current private render parameters are attached to the URL
SPEC2_26	Include JSP Resource	resourceURL13	TRUE	If the optional resourceURL "copyCurrentRenderParameters" attribute is set to true, additional parameters specified with the <portlet:param> element are merged with the render parameters
SPEC2_26	Include JSP Resource	resourceURL14	TRUE	If the optional resourceURL "copyCurrentRenderParameters" attribute is set to true, additional parameters specified with the <portlet:param> element appear in the values array before the render parameter values if there is a name conflict
SPEC2_26	Include JSP Resource	resourceURL15	TRUE	If the optional resourceURL "copyCurrentRenderParameters" attribute is set to false, the current render parameters are not attached to the URL
SPEC2_26	Include JSP Resource	resourceURL16	TRUE	If the "copyCurrentRenderParameters" attribute specifies an invalid value, a JspException is thrown
SPEC2_26	Include JSP Resource	resourceURL17	TRUE	The "copyCurrentRenderParameters" attribute is not specified, the security setting is retained
SPEC2_26	Include JSP Resource	resourceURL18	FALSE	If the optional resourceURL "escapeXML" attribute is set to true, the characters "<&'\\" are converted to their entity codes
SPEC2_26	Include JSP Resource	resourceURL19	TRUE	If the optional resourceURL "escapeXML" attribute is set to false, the characters "<&'\\" are not converted to their entity codes
SPEC2_26	Include JSP Resource	resourceURL20	TRUE	The "escapeXML" attribute default value is true
SPEC2_26	Include JSP Resource	resourceURL21	TRUE	If the optional resourceURL "id" attribute is set, the provided id string is used by GenericPortlet to dispatch the request to the corresponding annotated method
SPEC2_26	Include JSP Resource	resourceURL22	TRUE	Setting the "id" attribute will add a parameter to the action URL with the id of "javax.portlet.action"
SPEC2_26	Include JSP Resource	resourceURL23	TRUE	If the optional resourceURL "cacheability" attribute is set, the cacheability is set accordingly
SPEC2_26	Include JSP Resource	resourceURL24	TRUE	If the optional resourceURL "cacheability" attribute is not set, the current cacheability setting is retained
SPEC2_26	Include JSP Resource	resourceURL25	TRUE	If the cacheability is set to PAGE in a Resource phase include with cacheability = FULL, a JspException with the IllegalStateException that caused this error is thrown
SPEC2_26	Include JSP Resource	resourceURL26	TRUE	If the cacheability is set to PORTLET in a Resource phase include with cacheability = FULL, a JspException with the IllegalStateException that caused this error is thrown
SPEC2_26	Include JSP Resource	resourceURL27	TRUE	If the cacheability is set to PAGE in a Resource phase include with cacheability = PORTLET, a JspException with the IllegalStateException that caused this error is thrown

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_26	Include JSP Resource	paramAction1	TRUE	The param tag can be used within the actionURL tag to add a parameter
SPEC2_26	Include JSP Resource	paramAction2	TRUE	The param tag required attribute "name" defines the parameter name
SPEC2_26	Include JSP Resource	paramAction3	TRUE	If more than one tags appear in the actionURL tag, the values must be stored as a multivalued array in order of appearance within the actionURL tag
SPEC2_26	Include JSP Resource	paramAction4	TRUE	If the "name" attribute is null or empty, no action is performed
SPEC2_26	Include JSP Resource	paramAction5	TRUE	The param tag required attribute "value" defines the parameter value
SPEC2_26	Include JSP Resource	paramAction6	TRUE	If the "value" attribute is null or empty, the parameter is removed
SPEC2_26	Include JSP Resource	paramRender1	TRUE	The param tag can be used within the renderURL tag to add a parameter
SPEC2_26	Include JSP Resource	paramRender2	TRUE	The param tag required attribute "name" defines the parameter name
SPEC2_26	Include JSP Resource	paramRender3	TRUE	If more than one tags appear in the renderURL tag, the values must be stored as a multivalued array in order of appearance within the renderURL tag
SPEC2_26	Include JSP Resource	paramRender4	TRUE	If the "name" attribute is null or empty, no action is performed
SPEC2_26	Include JSP Resource	paramRender5	TRUE	The param tag required attribute "value" defines the parameter value
SPEC2_26	Include JSP Resource	paramRender6	TRUE	If the "value" attribute is null or empty, the parameter is removed
SPEC2_26	Include JSP Resource	paramResource1	TRUE	The param tag can be used within the resourceURL tag to add a parameter
SPEC2_26	Include JSP Resource	paramResource2	TRUE	The param tag required attribute "name" defines the parameter name
SPEC2_26	Include JSP Resource	paramResource3	TRUE	If more than one tags appear in the resourceURL tag, the values must be stored as a multivalued array in order of appearance within the resourceURL tag
SPEC2_26	Include JSP Resource	paramResource4	TRUE	If the "name" attribute is null or empty, no action is performed
SPEC2_26	Include JSP Resource	paramResource5	TRUE	The param tag required attribute "value" defines the parameter value
SPEC2_26	Include JSP Resource	paramResource6	TRUE	If the "value" attribute is null or empty, no action is performed
SPEC2_26	Include JSP Resource	propertyAction1	TRUE	The property tag can be used within the actionURL tag to add a property

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_26	Include JSP Resource	propertyAction2	TRUE	The property tag required attribute "name" defines the property name
SPEC2_26	Include JSP Resource	propertyAction3	TRUE	If more than one tags appear in the actionURL tag, the values must be stored as a multivalued array in order of appearance within the actionURL tag
SPEC2_26	Include JSP Resource	propertyAction4	TRUE	If the "name" attribute is null or empty, no action is performed
SPEC2_26	Include JSP Resource	propertyAction5	TRUE	The property tag required attribute "value" defines the property value
SPEC2_26	Include JSP Resource	propertyAction6	TRUE	If the "value" attribute is null or empty, the property value is set to null
SPEC2_26	Include JSP Resource	propertyRender1	TRUE	The property tag can be used within the renderURL tag to add a property
SPEC2_26	Include JSP Resource	propertyRender2	TRUE	The property tag required attribute "name" defines the property name
SPEC2_26	Include JSP Resource	propertyRender3	TRUE	If more than one tags appear in the renderURL tag, the values must be stored as a multivalued array in order of appearance within the renderURL tag
SPEC2_26	Include JSP Resource	propertyRender4	TRUE	If the "name" attribute is null or empty, no action is performed
SPEC2_26	Include JSP Resource	propertyRender5	TRUE	The property tag required attribute "value" defines the property value
SPEC2_26	Include JSP Resource	propertyRender6	TRUE	If the "value" attribute is null or empty, the property value is set to null
SPEC2_26	Include JSP Resource	propertyResource1	TRUE	The property tag can be used within the resourceURL tag to add a property
SPEC2_26	Include JSP Resource	propertyResource2	TRUE	The property tag required attribute "name" defines the property name
SPEC2_26	Include JSP Resource	propertyResource3	TRUE	If more than one tags appear in the resourceURL tag, the values must be stored as a multivalued array in order of appearance within the resourceURL tag
SPEC2_26	Include JSP Resource	propertyResource4	TRUE	If the "name" attribute is null or empty, no action is performed
SPEC2_26	Include JSP Resource	propertyResource5	TRUE	The property tag required attribute "value" defines the property value
SPEC2_26	Include JSP Resource	propertyResource6	TRUE	If the "value" attribute is null or empty, the property value is set to null

### 3.1.1 Portlet Request Dispatcher Assertions

The tests in this section were derived from the JSR 286 Specification chapter PLT.19 “Dispatching Requests to Servlets and JSPs”.

Class / Section	Keywords	Name	Testable	Description
<b>Dispatcher Tests</b>				
SPEC2_19	Dispatch Servlet Render	dispatch1	TRUE	The PortletContext getRequestDispatcher method returns a PortletRequestDispatcher for a path within the portlet application
SPEC2_19	Dispatch Servlet Render	dispatch2	TRUE	If the path provided to getRequestDispatcher method does not start with "/", the method returns null
SPEC2_19	Dispatch Servlet Render	dispatch3	TRUE	If the path provided to getRequestDispatcher method ends with "/", the method returns null
SPEC2_19	Dispatch Servlet Render	dispatch4	TRUE	If the path provided to getRequestDispatcher method does not specify a valid path, the method returns null
SPEC2_19	Dispatch Servlet Render	dispatch5	TRUE	The PortletContext getNamedDispatcher method returns a PortletRequestDispatcher for a servlet within the portlet application
SPEC2_19	Dispatch Servlet Render	dispatch6	TRUE	If the name provided to getNamedDispatcher method is not valid, the method returns null
SPEC2_19	Dispatch Servlet Render	invoke2	TRUE	If the forward method is called after the response has been committed, an IllegalStateException exception is thrown
SPEC2_19	Dispatch Servlet Action	dispatch1	TRUE	The PortletContext getRequestDispatcher method returns a PortletRequestDispatcher for a path within the portlet application
SPEC2_19	Dispatch Servlet Action	dispatch2	TRUE	If the path provided to getRequestDispatcher method does not start with "/", the method returns null
SPEC2_19	Dispatch Servlet Action	dispatch3	TRUE	If the path provided to getRequestDispatcher method ends with "/", the method returns null
SPEC2_19	Dispatch Servlet Action	dispatch4	TRUE	If the path provided to getRequestDispatcher method does not specify a valid path, the method returns null
SPEC2_19	Dispatch Servlet Action	dispatch5	TRUE	The PortletContext getNamedDispatcher method returns a PortletRequestDispatcher for a servlet within the portlet application
SPEC2_19	Dispatch Servlet Action	dispatch6	TRUE	If the name provided to getNamedDispatcher method is not valid, the method returns null

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Dispatch Servlet Event	dispatch1	TRUE	The PortletContext getRequestDispatcher method returns a PortletRequestDispatcher for a path within the portlet application
SPEC2_19	Dispatch Servlet Event	dispatch2	TRUE	If the path provided to getRequestDispatcher method does not start with "/", the method returns null
SPEC2_19	Dispatch Servlet Event	dispatch3	TRUE	If the path provided to getRequestDispatcher method ends with "/", the method returns null
SPEC2_19	Dispatch Servlet Event	dispatch4	TRUE	If the path provided to getRequestDispatcher method does not specify a valid path, the method returns null
SPEC2_19	Dispatch Servlet Event	dispatch5	TRUE	The PortletContext getNamedDispatcher method returns a PortletRequestDispatcher for a servlet within the portlet application
SPEC2_19	Dispatch Servlet Event	dispatch6	TRUE	If the name provided to getNamedDispatcher method is not valid, the method returns null
SPEC2_19	Dispatch Servlet Resource	dispatch1	TRUE	The PortletContext getRequestDispatcher method returns a PortletRequestDispatcher for a path within the portlet application
SPEC2_19	Dispatch Servlet Resource	dispatch2	TRUE	If the path provided to getRequestDispatcher method does not start with "/", the method returns null
SPEC2_19	Dispatch Servlet Resource	dispatch3	TRUE	If the path provided to getRequestDispatcher method ends with "/", the method returns null
SPEC2_19	Dispatch Servlet Resource	dispatch4	TRUE	If the path provided to getRequestDispatcher method does not specify a valid path, the method returns null
SPEC2_19	Dispatch Servlet Resource	dispatch5	TRUE	The PortletContext getNamedDispatcher method returns a PortletRequestDispatcher for a servlet within the portlet application
SPEC2_19	Dispatch Servlet Resource	dispatch6	TRUE	If the name provided to getNamedDispatcher method is not valid, the method returns null
SPEC2_19	Dispatch Servlet Resource	invoke2	TRUE	If the forward method is called after the response has been committed, an IllegalStateException exception is thrown
SPEC2_19	Include Servlet Action	dispatch1	TRUE	If the path provided to getRequestDispatcher method contains query strings, parameters specified in the query strings must be passed to the target servlet during an include
SPEC2_19	Include Servlet Action	dispatch2	TRUE	Parameters specified in the query strings must be aggregated with the portlet render parameters

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include Servlet Action	dispatch3	TRUE	If query string parameters have the same names as render parameter names, the query string parameters appear in the parameter values array before the render parameter values
SPEC2_19	Include Servlet Action	invoke1	TRUE	The PortletRequestDispatcher include method can target a servlet
SPEC2_19	Include Servlet Action	invoke2	TRUE	Parameters to the include method for a target servlet can be the request and response classes from the portlet lifecycle method initiating the include
SPEC2_19	Include Servlet Action	invoke4	TRUE	The portlet container must invoke the target servlet in the same thread as the PortletRequestDispatcher include invocation
SPEC2_19	Include Servlet Action	invoke7	TRUE	The path elements of the request object exposed to the target servlet must reflect the path used to obtain the RequestDispatcher
SPEC2_19	Include Servlet Action	attributes1	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the portlet request attribute javax.servlet.include.request_uri will be set, and equals the value from HttpServletRequest.getRequestURI for the first servlet in the include chain
SPEC2_19	Include Servlet Action	attributes1a	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the servlet request attribute javax.servlet.include.request_uri will be set, and equals the value from HttpServletRequest.getRequestURI for the first servlet in the include chain
SPEC2_19	Include Servlet Action	attributes1b	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the portlet request attribute javax.servlet.forward.request_uri will not be set
SPEC2_19	Include Servlet Action	attributes1c	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the servlet request attribute javax.servlet.forward.request_uri will not be set
SPEC2_19	Include Servlet Action	attributes2	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the portlet request attribute javax.servlet.include.context_path will be set, and equals the value from HttpServletRequest.getContextPath for the first servlet in the include chain
SPEC2_19	Include Servlet Action	attributes2a	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the servlet request attribute javax.servlet.include.context_path will be set, and equals the value from HttpServletRequest.getContextPath for the first servlet in the include chain

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include Servlet Action	attributes2b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.context_path</code> will not be set
SPEC2_19	Include Servlet Action	attributes2c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.context_path</code> will not be set
SPEC2_19	Include Servlet Action	attributes3	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the include chain
SPEC2_19	Include Servlet Action	attributes3a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the include chain
SPEC2_19	Include Servlet Action	attributes3b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.servlet_path</code> will not be set
SPEC2_19	Include Servlet Action	attributes3c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.servlet_path</code> will not be set
SPEC2_19	Include Servlet Action	attributes4	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the include chain
SPEC2_19	Include Servlet Action	attributes4a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the include chain
SPEC2_19	Include Servlet Action	attributes4b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.path_info</code> will not be set
SPEC2_19	Include Servlet Action	attributes4c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.path_info</code> will not be set

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include Servlet Action	attributes5	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the include chain
SPEC2_19	Include Servlet Action	attributes5a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the include chain
SPEC2_19	Include Servlet Action	attributes5b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.query_string</code> will not be set
SPEC2_19	Include Servlet Action	attributes5c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.query_string</code> will not be set
SPEC2_19	Include Servlet Action	attributes6	TRUE	The request attribute <code>javax.portlet.config</code> must be set to the <code>javax.portlet.PortletConfig</code> object
SPEC2_19	Include Servlet Action	attributes7	TRUE	For includes from the <code>processAction</code> method, The request attribute <code>javax.portlet.request</code> must be set to the <code>javax.portlet.ActionRequest</code> object
SPEC2_19	Include Servlet Action	attributes8	TRUE	For includes from the <code>processAction</code> method, The request attribute <code>javax.portlet.response</code> must be set to the <code>javax.portlet.ActionResponse</code> object
SPEC2_19	Include Servlet Event	dispatch1	TRUE	If the path provided to <code>getRequestDispatcher</code> method contains query strings, parameters specified in the query strings must be passed to the target servlet during an include
SPEC2_19	Include Servlet Event	dispatch2	TRUE	Parameters specified in the query strings must be aggregated with the portlet render parameters
SPEC2_19	Include Servlet Event	dispatch3	TRUE	If query string parameters have the same names as render parameter names, the query string parameters appear in the parameter values array before the render parameter values
SPEC2_19	Include Servlet Event	invoke1	TRUE	The <code>PortletRequestDispatcher</code> include method can target a servlet
SPEC2_19	Include Servlet Event	invoke2	TRUE	Parameters to the include method for a target servlet can be the request and response classes from the portlet lifecycle method initiating the include

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include Servlet Event	invoke4	TRUE	The portlet container must invoke the target servlet in the same thread as the PortletRequestDispatcher include invocation
SPEC2_19	Include Servlet Event	invoke7	TRUE	The path elements of the request object exposed to the target servlet must reflect the path used to obtain the RequestDispatcher
SPEC2_19	Include Servlet Event	attributes1	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the portlet request attribute javax.servlet.include.request_uri will be set, and equals the value from HttpServletRequest.getRequestURI for the first servlet in the include chain
SPEC2_19	Include Servlet Event	attributes1a	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the servlet request attribute javax.servlet.include.request_uri will be set, and equals the value from HttpServletRequest.getRequestURI for the first servlet in the include chain
SPEC2_19	Include Servlet Event	attributes1b	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the portlet request attribute javax.servlet.forward.request_uri will not be set
SPEC2_19	Include Servlet Event	attributes1c	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the servlet request attribute javax.servlet.forward.request_uri will not be set
SPEC2_19	Include Servlet Event	attributes2	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the portlet request attribute javax.servlet.include.context_path will be set, and equals the value from HttpServletRequest.getContextPath for the first servlet in the include chain
SPEC2_19	Include Servlet Event	attributes2a	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the servlet request attribute javax.servlet.include.context_path will be set, and equals the value from HttpServletRequest.getContextPath for the first servlet in the include chain
SPEC2_19	Include Servlet Event	attributes2b	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the portlet request attribute javax.servlet.forward.context_path will not be set
SPEC2_19	Include Servlet Event	attributes2c	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the servlet request attribute javax.servlet.forward.context_path will not be set
SPEC2_19	Include Servlet Event	attributes3	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the portlet request attribute javax.servlet.include.servlet_path will be set, and equals the value from HttpServletRequest.getServletPath for the first servlet in the include chain

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include Servlet Event	attributes3a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the include chain
SPEC2_19	Include Servlet Event	attributes3b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.servlet_path</code> will not be set
SPEC2_19	Include Servlet Event	attributes3c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.servlet_path</code> will not be set
SPEC2_19	Include Servlet Event	attributes4	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the include chain
SPEC2_19	Include Servlet Event	attributes4a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the include chain
SPEC2_19	Include Servlet Event	attributes4b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.path_info</code> will not be set
SPEC2_19	Include Servlet Event	attributes4c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.path_info</code> will not be set
SPEC2_19	Include Servlet Event	attributes5	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the include chain
SPEC2_19	Include Servlet Event	attributes5a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the include chain
SPEC2_19	Include Servlet Event	attributes5b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.query_string</code> will not be set

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include Servlet Event	attributes5c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.query_string</code> will not be set
SPEC2_19	Include Servlet Event	attributes6	TRUE	The request attribute <code>javax.portlet.config</code> must be set to the <code>javax.portlet.PortletConfig</code> object
SPEC2_19	Include Servlet Event	attributes7	TRUE	For includes from the <code>processEvent</code> method, The request attribute <code>javax.portlet.request</code> must be set to the <code>javax.portlet.EventRequest</code> object
SPEC2_19	Include Servlet Event	attributes8	TRUE	For includes from the <code>processEvent</code> method, The request attribute <code>javax.portlet.response</code> must be set to the <code>javax.portlet.EventResponse</code> object
SPEC2_19	Include Servlet Render	dispatch1	TRUE	If the path provided to <code>getRequestDispatcher</code> method contains query strings, parameters specified in the query strings must be passed to the target servlet during an include
SPEC2_19	Include Servlet Render	dispatch2	TRUE	Parameters specified in the query strings must be aggregated with the portlet render parameters
SPEC2_19	Include Servlet Render	dispatch3	TRUE	If query string parameters have the same names as render parameter names, the query string parameters appear in the parameter values array before the render parameter values
SPEC2_19	Include Servlet Render	invoke1	TRUE	The <code>PortletRequestDispatcher</code> <code>include</code> method can target a servlet
SPEC2_19	Include Servlet Render	invoke2	TRUE	Parameters to the <code>include</code> method for a target servlet can be the request and response classes from the portlet lifecycle method initiating the <code>include</code>
SPEC2_19	Include Servlet Render	invoke4	TRUE	The portlet container must invoke the target servlet in the same thread as the <code>PortletRequestDispatcher</code> <code>include</code> invocation
SPEC2_19	Include Servlet Render	invoke7	TRUE	The path elements of the request object exposed to the target servlet must reflect the path used to obtain the <code>RequestDispatcher</code>
SPEC2_19	Include Servlet Render	invoke9	TRUE	The included servlet must be handled as an HTTP GET request
SPEC2_19	Include Servlet Render	attributes1	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.request_uri</code> will be set, and equals the value from <code>HttpServletRequest.getRequestURI</code> for the first servlet in the include chain

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include Servlet Render	attributes1a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.request_uri</code> will be set, and equals the value from <code>HttpServletRequest.getRequestURI</code> for the first servlet in the include chain
SPEC2_19	Include Servlet Render	attributes1b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.request_uri</code> will not be set
SPEC2_19	Include Servlet Render	attributes1c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.request_uri</code> will not be set
SPEC2_19	Include Servlet Render	attributes2	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.context_path</code> will be set, and equals the value from <code>HttpServletRequest.getContextPath</code> for the first servlet in the include chain
SPEC2_19	Include Servlet Render	attributes2a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.context_path</code> will be set, and equals the value from <code>HttpServletRequest.getContextPath</code> for the first servlet in the include chain
SPEC2_19	Include Servlet Render	attributes2b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.context_path</code> will not be set
SPEC2_19	Include Servlet Render	attributes2c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.context_path</code> will not be set
SPEC2_19	Include Servlet Render	attributes3	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the include chain
SPEC2_19	Include Servlet Render	attributes3a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the include chain
SPEC2_19	Include Servlet Render	attributes3b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.servlet_path</code> will not be set

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include Servlet Render	attributes3c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.servlet_path</code> will not be set
SPEC2_19	Include Servlet Render	attributes4	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the include chain
SPEC2_19	Include Servlet Render	attributes4a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the include chain
SPEC2_19	Include Servlet Render	attributes4b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.path_info</code> will not be set
SPEC2_19	Include Servlet Render	attributes4c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.path_info</code> will not be set
SPEC2_19	Include Servlet Render	attributes5	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the include chain
SPEC2_19	Include Servlet Render	attributes5a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the include chain
SPEC2_19	Include Servlet Render	attributes5b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.query_string</code> will not be set
SPEC2_19	Include Servlet Render	attributes5c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.query_string</code> will not be set
SPEC2_19	Include Servlet Render	attributes6	TRUE	The request attribute <code>javax.portlet.config</code> must be set to the <code>javax.portlet.PortletConfig</code> object
SPEC2_19	Include Servlet Render	attributes7	TRUE	For includes from the render method, The request attribute <code>javax.portlet.request</code> must be set to the <code>javax.portlet.RenderRequest</code> object

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include Servlet Render	attributes8	TRUE	For includes from the render method, The request attribute <code>javax.portlet.response</code> must be set to the <code>javax.portlet.RenderResponse</code> object
SPEC2_19	Include Servlet Resource	dispatch1	TRUE	If the path provided to <code>getRequestDispatcher</code> method contains query strings, parameters specified in the query strings must be passed to the target servlet during an include
SPEC2_19	Include Servlet Resource	dispatch2	TRUE	Parameters specified in the query strings must be aggregated with the portlet render parameters
SPEC2_19	Include Servlet Resource	dispatch3	TRUE	If query string parameters have the same names as render parameter names, the query string parameters appear in the parameter values array before the render parameter values
SPEC2_19	Include Servlet Resource	invoke1	TRUE	The <code>PortletRequestDispatcher</code> include method can target a servlet
SPEC2_19	Include Servlet Resource	invoke2	TRUE	Parameters to the include method for a target servlet can be the request and response classes from the portlet lifecycle method initiating the include
SPEC2_19	Include Servlet Resource	invoke4	TRUE	The portlet container must invoke the target servlet in the same thread as the <code>PortletRequestDispatcher</code> include invocation
SPEC2_19	Include Servlet Resource	invoke7	TRUE	The path elements of the request object exposed to the target servlet must reflect the path used to obtain the <code>RequestDispatcher</code>
SPEC2_19	Include Servlet Resource	invoke9	TRUE	The included servlet must be handled as an HTTP GET request
SPEC2_19	Include Servlet Resource	attributes1	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.request_uri</code> will be set, and equals the value from <code>HttpServletRequest.getRequestURI</code> for the first servlet in the include chain
SPEC2_19	Include Servlet Resource	attributes1a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.request_uri</code> will be set, and equals the value from <code>HttpServletRequest.getRequestURI</code> for the first servlet in the include chain
SPEC2_19	Include Servlet Resource	attributes1b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.request_uri</code> will not be set

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include Servlet Resource	attributes1c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.request_uri</code> will not be set
SPEC2_19	Include Servlet Resource	attributes2	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.context_path</code> will be set, and equals the value from <code>HttpServletRequest.getContextPath</code> for the first servlet in the include chain
SPEC2_19	Include Servlet Resource	attributes2a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.context_path</code> will be set, and equals the value from <code>HttpServletRequest.getContextPath</code> for the first servlet in the include chain
SPEC2_19	Include Servlet Resource	attributes2b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.context_path</code> will not be set
SPEC2_19	Include Servlet Resource	attributes2c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.context_path</code> will not be set
SPEC2_19	Include Servlet Resource	attributes3	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the include chain
SPEC2_19	Include Servlet Resource	attributes3a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the include chain
SPEC2_19	Include Servlet Resource	attributes3b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.servlet_path</code> will not be set
SPEC2_19	Include Servlet Resource	attributes3c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.servlet_path</code> will not be set
SPEC2_19	Include Servlet Resource	attributes4	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the include chain

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include Servlet Resource	attributes4a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the include chain
SPEC2_19	Include Servlet Resource	attributes4b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.path_info</code> will not be set
SPEC2_19	Include Servlet Resource	attributes4c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.path_info</code> will not be set
SPEC2_19	Include Servlet Resource	attributes5	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the include chain
SPEC2_19	Include Servlet Resource	attributes5a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the include chain
SPEC2_19	Include Servlet Resource	attributes5b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.query_string</code> will not be set
SPEC2_19	Include Servlet Resource	attributes5c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.query_string</code> will not be set
SPEC2_19	Include Servlet Resource	attributes6	TRUE	The request attribute <code>javax.portlet.config</code> must be set to the <code>javax.portlet.PortletConfig</code> object
SPEC2_19	Include Servlet Resource	attributes7	TRUE	For includes from the <code>serveResource</code> method, The request attribute <code>javax.portlet.request</code> must be set to the <code>javax.portlet.ResourceRequest</code> object
SPEC2_19	Include Servlet Resource	attributes8	TRUE	For includes from the <code>serveResource</code> method, The request attribute <code>javax.portlet.response</code> must be set to the <code>javax.portlet.ResourceResponse</code> object
SPEC2_19	Forward Servlet Action	dispatch1	TRUE	If the path provided to <code>getRequestDispatcher</code> method contains query strings, parameters specified in the query strings must be passed to the target servlet during an forward

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward Servlet Action	dispatch2	TRUE	Parameters specified in the query strings must be aggregated with the portlet render parameters
SPEC2_19	Forward Servlet Action	dispatch3	TRUE	If query string parameters have the same names as render parameter names, the query string parameters appear in the parameter values array before the render parameter values
SPEC2_19	Forward Servlet Action	invoke1	TRUE	The PortletRequestDispatcher forward method can target a servlet
SPEC2_19	Forward Servlet Action	invoke2	TRUE	Parameters to the forward method for a target servlet can be the request and response classes from the portlet lifecycle method initiating the include
SPEC2_19	Forward Servlet Action	invoke4	TRUE	The portlet container must invoke the target servlet in the same thread as the PortletRequestDispatcher include invocation
SPEC2_19	Forward Servlet Action	invoke7	TRUE	The path elements of the request object exposed to the target servlet must reflect the path used to obtain the RequestDispatcher
SPEC2_19	Forward Servlet Action	attributes1	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the portlet request attribute <code>javax.servlet.forward.request_uri</code> will be set, and equals the value from <code>HttpServletRequest.getRequestURI</code> for the first servlet in the forward chain
SPEC2_19	Forward Servlet Action	attributes1a	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the servlet request attribute <code>javax.servlet.forward.request_uri</code> will be set, and equals the value from <code>HttpServletRequest.getRequestURI</code> for the first servlet in the forward chain
SPEC2_19	Forward Servlet Action	attributes1b	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the portlet request attribute <code>javax.servlet.include.request_uri</code> will not be set
SPEC2_19	Forward Servlet Action	attributes1c	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the servlet request attribute <code>javax.servlet.include.request_uri</code> will not be set
SPEC2_19	Forward Servlet Action	attributes2	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the portlet request attribute <code>javax.servlet.forward.context_path</code> will be set, and equals the value from <code>HttpServletRequest.getContextPath</code> for the first servlet in the forward chain
SPEC2_19	Forward Servlet Action	attributes2a	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the servlet request attribute <code>javax.servlet.forward.context_path</code> will be set, and equals the value from <code>HttpServletRequest.getContextPath</code> for the first servlet in the forward chain

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward Servlet Action	attributes2b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.context_path</code> will not be set
SPEC2_19	Forward Servlet Action	attributes2c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.context_path</code> will not be set
SPEC2_19	Forward Servlet Action	attributes3	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the forward chain
SPEC2_19	Forward Servlet Action	attributes3a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the forward chain
SPEC2_19	Forward Servlet Action	attributes3b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.servlet_path</code> will not be set
SPEC2_19	Forward Servlet Action	attributes3c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.servlet_path</code> will not be set
SPEC2_19	Forward Servlet Action	attributes4	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the forward chain
SPEC2_19	Forward Servlet Action	attributes4a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the forward chain
SPEC2_19	Forward Servlet Action	attributes4b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.path_info</code> will not be set
SPEC2_19	Forward Servlet Action	attributes4c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.path_info</code> will not be set

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward Servlet Action	attributes5	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the forward chain
SPEC2_19	Forward Servlet Action	attributes5a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the forward chain
SPEC2_19	Forward Servlet Action	attributes5b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.query_string</code> will not be set
SPEC2_19	Forward Servlet Action	attributes5c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.query_string</code> will not be set
SPEC2_19	Forward Servlet Action	attributes6	TRUE	The request attribute <code>javax.portlet.config</code> must be set to the <code>javax.portlet.PortletConfig</code> object
SPEC2_19	Forward Servlet Action	attributes7	TRUE	For forwards from the <code>processAction</code> method, The request attribute <code>javax.portlet.request</code> must be set to the <code>javax.portlet.ActionRequest</code> object
SPEC2_19	Forward Servlet Action	attributes8	TRUE	For forwards from the <code>processAction</code> method, The request attribute <code>javax.portlet.response</code> must be set to the <code>javax.portlet.ActionResponse</code> object
SPEC2_19	Forward Servlet Event	dispatch1	TRUE	If the path provided to <code>getRequestDispatcher</code> method contains query strings, parameters specified in the query strings must be passed to the target servlet during an forward
SPEC2_19	Forward Servlet Event	dispatch2	TRUE	Parameters specified in the query strings must be aggregated with the portlet render parameters
SPEC2_19	Forward Servlet Event	dispatch3	TRUE	If query string parameters have the same names as render parameter names, the query string parameters appear in the parameter values array before the render parameter values
SPEC2_19	Forward Servlet Event	invoke1	TRUE	The <code>PortletRequestDispatcher</code> forward method can target a servlet
SPEC2_19	Forward Servlet Event	invoke2	TRUE	Parameters to the forward method for a target servlet can be the request and response classes from the portlet lifecycle method initiating the include

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward Servlet Event	invoke4	TRUE	The portlet container must invoke the target servlet in the same thread as the PortletRequestDispatcher include invocation
SPEC2_19	Forward Servlet Event	invoke7	TRUE	The path elements of the request object exposed to the target servlet must reflect the path used to obtain the RequestDispatcher
SPEC2_19	Forward Servlet Event	attributes1	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the portlet request attribute javax.servlet.forward.request_uri will be set, and equals the value from HttpServletRequest.getRequestURI for the first servlet in the forward chain
SPEC2_19	Forward Servlet Event	attributes1a	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the servlet request attribute javax.servlet.forward.request_uri will be set, and equals the value from HttpServletRequest.getRequestURI for the first servlet in the forward chain
SPEC2_19	Forward Servlet Event	attributes1b	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the portlet request attribute javax.servlet.include.request_uri will not be set
SPEC2_19	Forward Servlet Event	attributes1c	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the servlet request attribute javax.servlet.include.request_uri will not be set
SPEC2_19	Forward Servlet Event	attributes2	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the portlet request attribute javax.servlet.forward.context_path will be set, and equals the value from HttpServletRequest.getContextPath for the first servlet in the forward chain
SPEC2_19	Forward Servlet Event	attributes2a	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the servlet request attribute javax.servlet.forward.context_path will be set, and equals the value from HttpServletRequest.getContextPath for the first servlet in the forward chain
SPEC2_19	Forward Servlet Event	attributes2b	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the portlet request attribute javax.servlet.include.context_path will not be set
SPEC2_19	Forward Servlet Event	attributes2c	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the servlet request attribute javax.servlet.include.context_path will not be set
SPEC2_19	Forward Servlet Event	attributes3	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the portlet request attribute javax.servlet.forward.servlet_path will be set, and equals the value from HttpServletRequest.getServletPath for the first servlet in the forward chain

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward Servlet Event	attributes3a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the forward chain
SPEC2_19	Forward Servlet Event	attributes3b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.servlet_path</code> will not be set
SPEC2_19	Forward Servlet Event	attributes3c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.servlet_path</code> will not be set
SPEC2_19	Forward Servlet Event	attributes4	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the forward chain
SPEC2_19	Forward Servlet Event	attributes4a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the forward chain
SPEC2_19	Forward Servlet Event	attributes4b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.path_info</code> will not be set
SPEC2_19	Forward Servlet Event	attributes4c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.path_info</code> will not be set
SPEC2_19	Forward Servlet Event	attributes5	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the forward chain
SPEC2_19	Forward Servlet Event	attributes5a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the forward chain
SPEC2_19	Forward Servlet Event	attributes5b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.query_string</code> will not be set

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward Servlet Event	attributes5c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.query_string</code> will not be set
SPEC2_19	Forward Servlet Event	attributes6	TRUE	The request attribute <code>javax.portlet.config</code> must be set to the <code>javax.portlet.PortletConfig</code> object
SPEC2_19	Forward Servlet Event	attributes7	TRUE	For forwards from the <code>processEvent</code> method, The request attribute <code>javax.portlet.request</code> must be set to the <code>javax.portlet.EventRequest</code> object
SPEC2_19	Forward Servlet Event	attributes8	TRUE	For forwards from the <code>processEvent</code> method, The request attribute <code>javax.portlet.response</code> must be set to the <code>javax.portlet.EventResponse</code> object
SPEC2_19	Forward Servlet Render	dispatch1	TRUE	If the path provided to <code>getRequestDispatcher</code> method contains query strings, parameters specified in the query strings must be passed to the target servlet during an forward
SPEC2_19	Forward Servlet Render	dispatch2	TRUE	Parameters specified in the query strings must be aggregated with the portlet render parameters
SPEC2_19	Forward Servlet Render	dispatch3	TRUE	If query string parameters have the same names as render parameter names, the query string parameters appear in the parameter values array before the render parameter values
SPEC2_19	Forward Servlet Render	invoke1	TRUE	The <code>PortletRequestDispatcher</code> forward method can target a servlet
SPEC2_19	Forward Servlet Render	invoke2	TRUE	Parameters to the forward method for a target servlet can be the request and response classes from the portlet lifecycle method initiating the include
SPEC2_19	Forward Servlet Render	invoke4	TRUE	The portlet container must invoke the target servlet in the same thread as the <code>PortletRequestDispatcher</code> include invocation
SPEC2_19	Forward Servlet Render	invoke7	TRUE	The path elements of the request object exposed to the target servlet must reflect the path used to obtain the <code>RequestDispatcher</code>
SPEC2_19	Forward Servlet Render	attributes1	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.request_uri</code> will be set, and equals the value from <code>HttpServletRequest.getRequestURI</code> for the first servlet in the forward chain
SPEC2_19	Forward Servlet Render	attributes1a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.request_uri</code> will be set, and equals the value from <code>HttpServletRequest.getRequestURI</code> for the first servlet in the forward chain

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward Servlet Render	attributes1b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.request_uri</code> will not be set
SPEC2_19	Forward Servlet Render	attributes1c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.request_uri</code> will not be set
SPEC2_19	Forward Servlet Render	attributes2	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.context_path</code> will be set, and equals the value from <code>HttpServletRequest.getContextPath</code> for the first servlet in the forward chain
SPEC2_19	Forward Servlet Render	attributes2a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.context_path</code> will be set, and equals the value from <code>HttpServletRequest.getContextPath</code> for the first servlet in the forward chain
SPEC2_19	Forward Servlet Render	attributes2b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.context_path</code> will not be set
SPEC2_19	Forward Servlet Render	attributes2c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.context_path</code> will not be set
SPEC2_19	Forward Servlet Render	attributes3	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the forward chain
SPEC2_19	Forward Servlet Render	attributes3a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the forward chain
SPEC2_19	Forward Servlet Render	attributes3b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.servlet_path</code> will not be set
SPEC2_19	Forward Servlet Render	attributes3c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.servlet_path</code> will not be set

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward Servlet Render	attributes4	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the forward chain
SPEC2_19	Forward Servlet Render	attributes4a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the forward chain
SPEC2_19	Forward Servlet Render	attributes4b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.path_info</code> will not be set
SPEC2_19	Forward Servlet Render	attributes4c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.path_info</code> will not be set
SPEC2_19	Forward Servlet Render	attributes5	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the forward chain
SPEC2_19	Forward Servlet Render	attributes5a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the forward chain
SPEC2_19	Forward Servlet Render	attributes5b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.query_string</code> will not be set
SPEC2_19	Forward Servlet Render	attributes5c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.query_string</code> will not be set
SPEC2_19	Forward Servlet Render	attributes6	TRUE	The request attribute <code>javax.portlet.config</code> must be set to the <code>javax.portlet.PortletConfig</code> object
SPEC2_19	Forward Servlet Render	attributes7	TRUE	For forwards from the render method, The request attribute <code>javax.portlet.request</code> must be set to the <code>javax.portlet.RenderRequest</code> object
SPEC2_19	Forward Servlet Render	attributes8	TRUE	For forwards from the render method, The request attribute <code>javax.portlet.response</code> must be set to the <code>javax.portlet.RenderResponse</code> object

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward Servlet Resource	dispatch1	TRUE	If the path provided to getRequestDispatcher method contains query strings, parameters specified in the query strings must be passed to the target servlet during an forward
SPEC2_19	Forward Servlet Resource	dispatch2	TRUE	Parameters specified in the query strings must be aggregated with the portlet render parameters
SPEC2_19	Forward Servlet Resource	dispatch3	TRUE	If query string parameters have the same names as render parameter names, the query string parameters appear in the parameter values array before the render parameter values
SPEC2_19	Forward Servlet Resource	invoke1	TRUE	The PortletRequestDispatcher forward method can target a servlet
SPEC2_19	Forward Servlet Resource	invoke2	TRUE	Parameters to the forward method for a target servlet can be the request and response classes from the portlet lifecycle method initiating the include
SPEC2_19	Forward Servlet Resource	invoke4	TRUE	The portlet container must invoke the target servlet in the same thread as the PortletRequestDispatcher include invocation
SPEC2_19	Forward Servlet Resource	invoke7	TRUE	The path elements of the request object exposed to the target servlet must reflect the path used to obtain the RequestDispatcher
SPEC2_19	Forward Servlet Resource	attributes1	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the portlet request attribute javax.servlet.forward.request_uri will be set, and equals the value from HttpServletRequest.getRequestURI for the first servlet in the forward chain
SPEC2_19	Forward Servlet Resource	attributes1a	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the servlet request attribute javax.servlet.forward.request_uri will be set, and equals the value from HttpServletRequest.getRequestURI for the first servlet in the forward chain
SPEC2_19	Forward Servlet Resource	attributes1b	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the portlet request attribute javax.servlet.include.request_uri will not be set
SPEC2_19	Forward Servlet Resource	attributes1c	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the servlet request attribute javax.servlet.include.request_uri will not be set
SPEC2_19	Forward Servlet Resource	attributes2	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the portlet request attribute javax.servlet.forward.context_path will be set, and equals the value from HttpServletRequest.getContextPath for the first servlet in the forward chain

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward Servlet Resource	attributes2a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.context_path</code> will be set, and equals the value from <code>HttpServletRequest.getContextPath</code> for the first servlet in the forward chain
SPEC2_19	Forward Servlet Resource	attributes2b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.context_path</code> will not be set
SPEC2_19	Forward Servlet Resource	attributes2c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.context_path</code> will not be set
SPEC2_19	Forward Servlet Resource	attributes3	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the forward chain
SPEC2_19	Forward Servlet Resource	attributes3a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the forward chain
SPEC2_19	Forward Servlet Resource	attributes3b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.servlet_path</code> will not be set
SPEC2_19	Forward Servlet Resource	attributes3c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.servlet_path</code> will not be set
SPEC2_19	Forward Servlet Resource	attributes4	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the forward chain
SPEC2_19	Forward Servlet Resource	attributes4a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the forward chain
SPEC2_19	Forward Servlet Resource	attributes4b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.path_info</code> will not be set

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward Servlet Resource	attributes4c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.path_info</code> will not be set
SPEC2_19	Forward Servlet Resource	attributes5	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the forward chain
SPEC2_19	Forward Servlet Resource	attributes5a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the forward chain
SPEC2_19	Forward Servlet Resource	attributes5b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.query_string</code> will not be set
SPEC2_19	Forward Servlet Resource	attributes5c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.query_string</code> will not be set
SPEC2_19	Forward Servlet Resource	attributes6	TRUE	The request attribute <code>javax.portlet.config</code> must be set to the <code>javax.portlet.PortletConfig</code> object
SPEC2_19	Forward Servlet Resource	attributes7	TRUE	For forwards from the <code>serveResource</code> method, The request attribute <code>javax.portlet.request</code> must be set to the <code>javax.portlet.ResourceRequest</code> object
SPEC2_19	Forward Servlet Resource	attributes8	TRUE	For forwards from the <code>serveResource</code> method, The request attribute <code>javax.portlet.response</code> must be set to the <code>javax.portlet.ResourceResponse</code> object
<b>Dispatcher Tests 2</b>				
SPEC2_19	Include JSP Action	dispatch1	TRUE	If the path provided to <code>getRequestDispatcher</code> method contains query strings, parameters specified in the query strings must be passed to the target servlet during an include
SPEC2_19	Include JSP Action	dispatch2	TRUE	Parameters specified in the query strings must be aggregated with the portlet render parameters
SPEC2_19	Include JSP Action	dispatch3	TRUE	If query string parameters have the same names as render parameter names, the query string parameters appear in the parameter values array before the render parameter values

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include JSP Action	invoke1	TRUE	The PortletRequestDispatcher include method can target a servlet
SPEC2_19	Include JSP Action	invoke2	TRUE	Parameters to the include method for a target servlet can be the request and response classes from the portlet lifecycle method initiating the include
SPEC2_19	Include JSP Action	invoke4	TRUE	The portlet container must invoke the target servlet in the same thread as the PortletRequestDispatcher include invocation
SPEC2_19	Include JSP Action	invoke7	TRUE	The path elements of the request object exposed to the target servlet must reflect the path used to obtain the RequestDispatcher
SPEC2_19	Include JSP Action	attributes1	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the portlet request attribute javax.servlet.include.request_uri will be set, and equals the value from HttpServletRequest.getRequestURI for the first servlet in the include chain
SPEC2_19	Include JSP Action	attributes1a	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the servlet request attribute javax.servlet.include.request_uri will be set, and equals the value from HttpServletRequest.getRequestURI for the first servlet in the include chain
SPEC2_19	Include JSP Action	attributes1b	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the portlet request attribute javax.servlet.forward.request_uri will not be set
SPEC2_19	Include JSP Action	attributes1c	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the servlet request attribute javax.servlet.forward.request_uri will not be set
SPEC2_19	Include JSP Action	attributes2	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the portlet request attribute javax.servlet.include.context_path will be set, and equals the value from HttpServletRequest.getContextPath for the first servlet in the include chain
SPEC2_19	Include JSP Action	attributes2a	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the servlet request attribute javax.servlet.include.context_path will be set, and equals the value from HttpServletRequest.getContextPath for the first servlet in the include chain
SPEC2_19	Include JSP Action	attributes2b	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the portlet request attribute javax.servlet.forward.context_path will not be set

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include JSP Action	attributes2c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.context_path</code> will not be set
SPEC2_19	Include JSP Action	attributes3	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the include chain
SPEC2_19	Include JSP Action	attributes3a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the include chain
SPEC2_19	Include JSP Action	attributes3b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.servlet_path</code> will not be set
SPEC2_19	Include JSP Action	attributes3c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.servlet_path</code> will not be set
SPEC2_19	Include JSP Action	attributes4	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the include chain
SPEC2_19	Include JSP Action	attributes4a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the include chain
SPEC2_19	Include JSP Action	attributes4b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.path_info</code> will not be set
SPEC2_19	Include JSP Action	attributes4c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.path_info</code> will not be set
SPEC2_19	Include JSP Action	attributes5	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the include chain

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include JSP Action	attributes5a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the include chain
SPEC2_19	Include JSP Action	attributes5b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.query_string</code> will not be set
SPEC2_19	Include JSP Action	attributes5c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.query_string</code> will not be set
SPEC2_19	Include JSP Action	attributes6	TRUE	The request attribute <code>javax.portlet.config</code> must be set to the <code>javax.portlet.PortletConfig</code> object
SPEC2_19	Include JSP Action	attributes7	TRUE	For includes from the <code>processAction</code> method, The request attribute <code>javax.portlet.request</code> must be set to the <code>javax.portlet.ActionRequest</code> object
SPEC2_19	Include JSP Action	attributes8	TRUE	For includes from the <code>processAction</code> method, The request attribute <code>javax.portlet.response</code> must be set to the <code>javax.portlet.ActionResponse</code> object
SPEC2_19	Include JSP Event	dispatch1	TRUE	If the path provided to <code>getRequestDispatcher</code> method contains query strings, parameters specified in the query strings must be passed to the target servlet during an include
SPEC2_19	Include JSP Event	dispatch2	TRUE	Parameters specified in the query strings must be aggregated with the portlet render parameters
SPEC2_19	Include JSP Event	dispatch3	TRUE	If query string parameters have the same names as render parameter names, the query string parameters appear in the parameter values array before the render parameter values
SPEC2_19	Include JSP Event	invoke1	TRUE	The <code>PortletRequestDispatcher</code> <code>include</code> method can target a servlet
SPEC2_19	Include JSP Event	invoke2	TRUE	Parameters to the <code>include</code> method for a target servlet can be the request and response classes from the portlet lifecycle method initiating the <code>include</code>
SPEC2_19	Include JSP Event	invoke4	TRUE	The portlet container must invoke the target servlet in the same thread as the <code>PortletRequestDispatcher</code> <code>include</code> invocation
SPEC2_19	Include JSP Event	invoke7	TRUE	The path elements of the request object exposed to the target servlet must reflect the path used to obtain the <code>RequestDispatcher</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include JSP Event	attributes1	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.request_uri</code> will be set, and equals the value from <code>HttpServletRequest.getRequestURI</code> for the first servlet in the include chain
SPEC2_19	Include JSP Event	attributes1a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.request_uri</code> will be set, and equals the value from <code>HttpServletRequest.getRequestURI</code> for the first servlet in the include chain
SPEC2_19	Include JSP Event	attributes1b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.request_uri</code> will not be set
SPEC2_19	Include JSP Event	attributes1c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.request_uri</code> will not be set
SPEC2_19	Include JSP Event	attributes2	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.context_path</code> will be set, and equals the value from <code>HttpServletRequest.getContextPath</code> for the first servlet in the include chain
SPEC2_19	Include JSP Event	attributes2a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.context_path</code> will be set, and equals the value from <code>HttpServletRequest.getContextPath</code> for the first servlet in the include chain
SPEC2_19	Include JSP Event	attributes2b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.context_path</code> will not be set
SPEC2_19	Include JSP Event	attributes2c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.context_path</code> will not be set
SPEC2_19	Include JSP Event	attributes3	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the include chain
SPEC2_19	Include JSP Event	attributes3a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the include chain

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include JSP Event	attributes3b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.servlet_path</code> will not be set
SPEC2_19	Include JSP Event	attributes3c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.servlet_path</code> will not be set
SPEC2_19	Include JSP Event	attributes4	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the include chain
SPEC2_19	Include JSP Event	attributes4a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the include chain
SPEC2_19	Include JSP Event	attributes4b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.path_info</code> will not be set
SPEC2_19	Include JSP Event	attributes4c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.path_info</code> will not be set
SPEC2_19	Include JSP Event	attributes5	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the include chain
SPEC2_19	Include JSP Event	attributes5a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the include chain
SPEC2_19	Include JSP Event	attributes5b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.query_string</code> will not be set
SPEC2_19	Include JSP Event	attributes5c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.query_string</code> will not be set
SPEC2_19	Include JSP Event	attributes6	TRUE	The request attribute <code>javax.portlet.config</code> must be set to the <code>javax.portlet.PortletConfig</code> object

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include JSP Event	attributes7	TRUE	For includes from the processEvent method, The request attribute <code>javax.portlet.request</code> must be set to the <code>javax.portlet.EventRequest</code> object
SPEC2_19	Include JSP Event	attributes8	TRUE	For includes from the processEvent method, The request attribute <code>javax.portlet.response</code> must be set to the <code>javax.portlet.EventResponse</code> object
SPEC2_19	Include JSP Render	dispatch1	TRUE	If the path provided to <code>getRequestDispatcher</code> method contains query strings, parameters specified in the query strings must be passed to the target servlet during an include
SPEC2_19	Include JSP Render	dispatch2	TRUE	Parameters specified in the query strings must be aggregated with the portlet render parameters
SPEC2_19	Include JSP Render	dispatch3	TRUE	If query string parameters have the same names as render parameter names, the query string parameters appear in the parameter values array before the render parameter values
SPEC2_19	Include JSP Render	invoke1	TRUE	The <code>PortletRequestDispatcher</code> include method can target a servlet
SPEC2_19	Include JSP Render	invoke2	TRUE	Parameters to the include method for a target servlet can be the request and response classes from the portlet lifecycle method initiating the include
SPEC2_19	Include JSP Render	invoke4	TRUE	The portlet container must invoke the target servlet in the same thread as the <code>PortletRequestDispatcher</code> include invocation
SPEC2_19	Include JSP Render	invoke7	TRUE	The path elements of the request object exposed to the target servlet must reflect the path used to obtain the <code>RequestDispatcher</code>
SPEC2_19	Include JSP Render	invoke9	TRUE	The included servlet must be handled as an HTTP GET request
SPEC2_19	Include JSP Render	attributes1	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.request_uri</code> will be set, and equals the value from <code>HttpServletRequest.getRequestURI</code> for the first servlet in the include chain
SPEC2_19	Include JSP Render	attributes1a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.request_uri</code> will be set, and equals the value from <code>HttpServletRequest.getRequestURI</code> for the first servlet in the include chain
SPEC2_19	Include JSP Render	attributes1b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.request_uri</code> will not be set

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include JSP Render	attributes1c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.request_uri</code> will not be set
SPEC2_19	Include JSP Render	attributes2	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.context_path</code> will be set, and equals the value from <code>HttpServletRequest.getContextPath</code> for the first servlet in the include chain
SPEC2_19	Include JSP Render	attributes2a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.context_path</code> will be set, and equals the value from <code>HttpServletRequest.getContextPath</code> for the first servlet in the include chain
SPEC2_19	Include JSP Render	attributes2b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.context_path</code> will not be set
SPEC2_19	Include JSP Render	attributes2c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.context_path</code> will not be set
SPEC2_19	Include JSP Render	attributes3	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the include chain
SPEC2_19	Include JSP Render	attributes3a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the include chain
SPEC2_19	Include JSP Render	attributes3b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.servlet_path</code> will not be set
SPEC2_19	Include JSP Render	attributes3c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.servlet_path</code> will not be set
SPEC2_19	Include JSP Render	attributes4	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the include chain

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include JSP Render	attributes4a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the include chain
SPEC2_19	Include JSP Render	attributes4b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.path_info</code> will not be set
SPEC2_19	Include JSP Render	attributes4c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.path_info</code> will not be set
SPEC2_19	Include JSP Render	attributes5	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the include chain
SPEC2_19	Include JSP Render	attributes5a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the include chain
SPEC2_19	Include JSP Render	attributes5b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.query_string</code> will not be set
SPEC2_19	Include JSP Render	attributes5c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.query_string</code> will not be set
SPEC2_19	Include JSP Render	attributes6	TRUE	The request attribute <code>javax.portlet.config</code> must be set to the <code>javax.portlet.PortletConfig</code> object
SPEC2_19	Include JSP Render	attributes7	TRUE	For includes from the render method, The request attribute <code>javax.portlet.request</code> must be set to the <code>javax.portlet.RenderRequest</code> object
SPEC2_19	Include JSP Render	attributes8	TRUE	For includes from the render method, The request attribute <code>javax.portlet.response</code> must be set to the <code>javax.portlet.RenderResponse</code> object
SPEC2_19	Include JSP Resource	dispatch1	TRUE	If the path provided to <code>getRequestDispatcher</code> method contains query strings, parameters specified in the query strings must be passed to the target servlet during an include

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include JSP Resource	dispatch2	TRUE	Parameters specified in the query strings must be aggregated with the portlet render parameters
SPEC2_19	Include JSP Resource	dispatch3	TRUE	If query string parameters have the same names as render parameter names, the query string parameters appear in the parameter values array before the render parameter values
SPEC2_19	Include JSP Resource	invoke1	TRUE	The PortletRequestDispatcher include method can target a servlet
SPEC2_19	Include JSP Resource	invoke2	TRUE	Parameters to the include method for a target servlet can be the request and response classes from the portlet lifecycle method initiating the include
SPEC2_19	Include JSP Resource	invoke4	TRUE	The portlet container must invoke the target servlet in the same thread as the PortletRequestDispatcher include invocation
SPEC2_19	Include JSP Resource	invoke7	TRUE	The path elements of the request object exposed to the target servlet must reflect the path used to obtain the RequestDispatcher
SPEC2_19	Include JSP Resource	invoke9	TRUE	The included servlet must be handled as an HTTP GET request
SPEC2_19	Include JSP Resource	attributes1	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the portlet request attribute <code>javax.servlet.include.request_uri</code> will be set, and equals the value from <code>HttpServletRequest.getRequestURI</code> for the first servlet in the include chain
SPEC2_19	Include JSP Resource	attributes1a	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the servlet request attribute <code>javax.servlet.include.request_uri</code> will be set, and equals the value from <code>HttpServletRequest.getRequestURI</code> for the first servlet in the include chain
SPEC2_19	Include JSP Resource	attributes1b	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the portlet request attribute <code>javax.servlet.forward.request_uri</code> will not be set
SPEC2_19	Include JSP Resource	attributes1c	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the servlet request attribute <code>javax.servlet.forward.request_uri</code> will not be set
SPEC2_19	Include JSP Resource	attributes2	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the portlet request attribute <code>javax.servlet.include.context_path</code> will be set, and equals the value from <code>HttpServletRequest.getContextPath</code> for the first servlet in the include chain

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include JSP Resource	attributes2a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.context_path</code> will be set, and equals the value from <code>HttpServletRequest.getContextPath</code> for the first servlet in the include chain
SPEC2_19	Include JSP Resource	attributes2b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.context_path</code> will not be set
SPEC2_19	Include JSP Resource	attributes2c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.context_path</code> will not be set
SPEC2_19	Include JSP Resource	attributes3	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the include chain
SPEC2_19	Include JSP Resource	attributes3a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the include chain
SPEC2_19	Include JSP Resource	attributes3b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.servlet_path</code> will not be set
SPEC2_19	Include JSP Resource	attributes3c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.servlet_path</code> will not be set
SPEC2_19	Include JSP Resource	attributes4	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the include chain
SPEC2_19	Include JSP Resource	attributes4a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the include chain
SPEC2_19	Include JSP Resource	attributes4b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.path_info</code> will not be set

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include JSP Resource	attributes4c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.path_info</code> will not be set
SPEC2_19	Include JSP Resource	attributes5	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the include chain
SPEC2_19	Include JSP Resource	attributes5a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the include chain
SPEC2_19	Include JSP Resource	attributes5b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.query_string</code> will not be set
SPEC2_19	Include JSP Resource	attributes5c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.query_string</code> will not be set
SPEC2_19	Include JSP Resource	attributes6	TRUE	The request attribute <code>javax.portlet.config</code> must be set to the <code>javax.portlet.PortletConfig</code> object
SPEC2_19	Include JSP Resource	attributes7	TRUE	For includes from the <code>serveResource</code> method, The request attribute <code>javax.portlet.request</code> must be set to the <code>javax.portlet.ResourceRequest</code> object
SPEC2_19	Include JSP Resource	attributes8	TRUE	For includes from the <code>serveResource</code> method, The request attribute <code>javax.portlet.response</code> must be set to the <code>javax.portlet.ResourceResponse</code> object
SPEC2_19	Forward JSP Action	dispatch1	TRUE	If the path provided to <code>getRequestDispatcher</code> method contains query strings, parameters specified in the query strings must be passed to the target servlet during an forward
SPEC2_19	Forward JSP Action	dispatch2	TRUE	Parameters specified in the query strings must be aggregated with the portlet render parameters
SPEC2_19	Forward JSP Action	dispatch3	TRUE	If query string parameters have the same names as render parameter names, the query string parameters appear in the parameter values array before the render parameter values
SPEC2_19	Forward JSP Action	invoke1	TRUE	The <code>PortletRequestDispatcher</code> forward method can target a servlet

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward JSP Action	invoke2	TRUE	Parameters to the forward method for a target servlet can be the request and response classes from the portlet lifecycle method initiating the include
SPEC2_19	Forward JSP Action	invoke4	TRUE	The portlet container must invoke the target servlet in the same thread as the PortletRequestDispatcher include invocation
SPEC2_19	Forward JSP Action	invoke7	TRUE	The path elements of the request object exposed to the target servlet must reflect the path used to obtain the RequestDispatcher
SPEC2_19	Forward JSP Action	attributes1	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the portlet request attribute javax.servlet.forward.request_uri will be set, and equals the value from HttpServletRequest.getRequestURI for the first servlet in the forward chain
SPEC2_19	Forward JSP Action	attributes1a	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the servlet request attribute javax.servlet.forward.request_uri will be set, and equals the value from HttpServletRequest.getRequestURI for the first servlet in the forward chain
SPEC2_19	Forward JSP Action	attributes1b	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the portlet request attribute javax.servlet.include.request_uri will not be set
SPEC2_19	Forward JSP Action	attributes1c	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the servlet request attribute javax.servlet.include.request_uri will not be set
SPEC2_19	Forward JSP Action	attributes2	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the portlet request attribute javax.servlet.forward.context_path will be set, and equals the value from HttpServletRequest.getContextPath for the first servlet in the forward chain
SPEC2_19	Forward JSP Action	attributes2a	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the servlet request attribute javax.servlet.forward.context_path will be set, and equals the value from HttpServletRequest.getContextPath for the first servlet in the forward chain
SPEC2_19	Forward JSP Action	attributes2b	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the portlet request attribute javax.servlet.include.context_path will not be set
SPEC2_19	Forward JSP Action	attributes2c	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the servlet request attribute javax.servlet.include.context_path will not be set

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward JSP Action	attributes3	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the forward chain
SPEC2_19	Forward JSP Action	attributes3a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the forward chain
SPEC2_19	Forward JSP Action	attributes3b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.servlet_path</code> will not be set
SPEC2_19	Forward JSP Action	attributes3c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.servlet_path</code> will not be set
SPEC2_19	Forward JSP Action	attributes4	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the forward chain
SPEC2_19	Forward JSP Action	attributes4a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the forward chain
SPEC2_19	Forward JSP Action	attributes4b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.path_info</code> will not be set
SPEC2_19	Forward JSP Action	attributes4c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.path_info</code> will not be set
SPEC2_19	Forward JSP Action	attributes5	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the forward chain
SPEC2_19	Forward JSP Action	attributes5a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the forward chain
SPEC2_19	Forward JSP Action	attributes5b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.query_string</code> will not be set

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward JSP Action	attributes5c	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the servlet request attribute javax.servlet.include.query_string will not be set
SPEC2_19	Forward JSP Action	attributes6	TRUE	The request attribute javax.portlet.config must be set to the javax.portlet.PortletConfig object
SPEC2_19	Forward JSP Action	attributes7	TRUE	For forwards from the processAction method, The request attribute javax.portlet.request must be set to the javax.portlet.ActionRequest object
SPEC2_19	Forward JSP Action	attributes8	TRUE	For forwards from the processAction method, The request attribute javax.portlet.response must be set to the javax.portlet.ActionResponse object
SPEC2_19	Forward JSP Event	dispatch1	TRUE	If the path provided to getRequestDispatcher method contains query strings, parameters specified in the query strings must be passed to the target servlet during an forward
SPEC2_19	Forward JSP Event	dispatch2	TRUE	Parameters specified in the query strings must be aggregated with the portlet render parameters
SPEC2_19	Forward JSP Event	dispatch3	TRUE	If query string parameters have the same names as render parameter names, the query string parameters appear in the parameter values array before the render parameter values
SPEC2_19	Forward JSP Event	invoke1	TRUE	The PortletRequestDispatcher forward method can target a servlet
SPEC2_19	Forward JSP Event	invoke2	TRUE	Parameters to the forward method for a target servlet can be the request and response classes from the portlet lifecycle method initiating the include
SPEC2_19	Forward JSP Event	invoke4	TRUE	The portlet container must invoke the target servlet in the same thread as the PortletRequestDispatcher include invocation
SPEC2_19	Forward JSP Event	invoke7	TRUE	The path elements of the request object exposed to the target servlet must reflect the path used to obtain the RequestDispatcher
SPEC2_19	Forward JSP Event	attributes1	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the portlet request attribute javax.servlet.forward.request_uri will be set, and equals the value from HttpServletRequest.getRequestURI for the first servlet in the forward chain
SPEC2_19	Forward JSP Event	attributes1a	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the servlet request attribute javax.servlet.forward.request_uri will be set, and equals the value from HttpServletRequest.getRequestURI for the first servlet in the forward chain
SPEC2_19	Forward JSP Event	attributes1b	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the portlet request attribute javax.servlet.include.request_uri will not be set
SPEC2_19	Forward JSP Event	attributes1c	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the servlet request attribute javax.servlet.include.request_uri will not be set

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward JSP Event	attributes2	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.context_path</code> will be set, and equals the value from <code>HttpServletRequest.getContextPath</code> for the first servlet in the forward chain
SPEC2_19	Forward JSP Event	attributes2a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.context_path</code> will be set, and equals the value from <code>HttpServletRequest.getContextPath</code> for the first servlet in the forward chain
SPEC2_19	Forward JSP Event	attributes2b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.context_path</code> will not be set
SPEC2_19	Forward JSP Event	attributes2c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.context_path</code> will not be set
SPEC2_19	Forward JSP Event	attributes3	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the forward chain
SPEC2_19	Forward JSP Event	attributes3a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the forward chain
SPEC2_19	Forward JSP Event	attributes3b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.servlet_path</code> will not be set
SPEC2_19	Forward JSP Event	attributes3c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.servlet_path</code> will not be set
SPEC2_19	Forward JSP Event	attributes4	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the forward chain
SPEC2_19	Forward JSP Event	attributes4a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the forward chain
SPEC2_19	Forward JSP Event	attributes4b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.path_info</code> will not be set

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward JSP Event	attributes4c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.path_info</code> will not be set
SPEC2_19	Forward JSP Event	attributes5	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the forward chain
SPEC2_19	Forward JSP Event	attributes5a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the forward chain
SPEC2_19	Forward JSP Event	attributes5b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.query_string</code> will not be set
SPEC2_19	Forward JSP Event	attributes5c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.query_string</code> will not be set
SPEC2_19	Forward JSP Event	attributes6	TRUE	The request attribute <code>javax.portlet.config</code> must be set to the <code>javax.portlet.PortletConfig</code> object
SPEC2_19	Forward JSP Event	attributes7	TRUE	For forwards from the <code>processEvent</code> method, The request attribute <code>javax.portlet.request</code> must be set to the <code>javax.portlet.EventRequest</code> object
SPEC2_19	Forward JSP Event	attributes8	TRUE	For forwards from the <code>processEvent</code> method, The request attribute <code>javax.portlet.response</code> must be set to the <code>javax.portlet.EventResponse</code> object
SPEC2_19	Forward JSP Render	dispatch1	TRUE	If the path provided to <code>getRequestDispatcher</code> method contains query strings, parameters specified in the query strings must be passed to the target servlet during an forward
SPEC2_19	Forward JSP Render	dispatch2	TRUE	Parameters specified in the query strings must be aggregated with the portlet render parameters
SPEC2_19	Forward JSP Render	dispatch3	TRUE	If query string parameters have the same names as render parameter names, the query string parameters appear in the parameter values array before the render parameter values
SPEC2_19	Forward JSP Render	invoke1	TRUE	The <code>PortletRequestDispatcher</code> forward method can target a servlet
SPEC2_19	Forward JSP Render	invoke2	TRUE	Parameters to the forward method for a target servlet can be the request and response classes from the portlet lifecycle method initiating the include
SPEC2_19	Forward JSP Render	invoke4	TRUE	The portlet container must invoke the target servlet in the same thread as the <code>PortletRequestDispatcher</code> include invocation
SPEC2_19	Forward JSP Render	invoke7	TRUE	The path elements of the request object exposed to the target servlet must reflect the path used to obtain the <code>RequestDispatcher</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward JSP Render	attributes1	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.request_uri</code> will be set, and equals the value from <code>HttpServletRequest.getRequestURI</code> for the first servlet in the forward chain
SPEC2_19	Forward JSP Render	attributes1a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.request_uri</code> will be set, and equals the value from <code>HttpServletRequest.getRequestURI</code> for the first servlet in the forward chain
SPEC2_19	Forward JSP Render	attributes1b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.request_uri</code> will not be set
SPEC2_19	Forward JSP Render	attributes1c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.request_uri</code> will not be set
SPEC2_19	Forward JSP Render	attributes2	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.context_path</code> will be set, and equals the value from <code>HttpServletRequest.getContextPath</code> for the first servlet in the forward chain
SPEC2_19	Forward JSP Render	attributes2a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.context_path</code> will be set, and equals the value from <code>HttpServletRequest.getContextPath</code> for the first servlet in the forward chain
SPEC2_19	Forward JSP Render	attributes2b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.context_path</code> will not be set
SPEC2_19	Forward JSP Render	attributes2c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.context_path</code> will not be set
SPEC2_19	Forward JSP Render	attributes3	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the forward chain
SPEC2_19	Forward JSP Render	attributes3a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the forward chain
SPEC2_19	Forward JSP Render	attributes3b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.servlet_path</code> will not be set

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward JSP Render	attributes3c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.servlet_path</code> will not be set
SPEC2_19	Forward JSP Render	attributes4	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the forward chain
SPEC2_19	Forward JSP Render	attributes4a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the forward chain
SPEC2_19	Forward JSP Render	attributes4b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.path_info</code> will not be set
SPEC2_19	Forward JSP Render	attributes4c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.path_info</code> will not be set
SPEC2_19	Forward JSP Render	attributes5	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the forward chain
SPEC2_19	Forward JSP Render	attributes5a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the forward chain
SPEC2_19	Forward JSP Render	attributes5b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.query_string</code> will not be set
SPEC2_19	Forward JSP Render	attributes5c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.query_string</code> will not be set
SPEC2_19	Forward JSP Render	attributes6	TRUE	The request attribute <code>javax.portlet.config</code> must be set to the <code>javax.portlet.PortletConfig</code> object
SPEC2_19	Forward JSP Render	attributes7	TRUE	For forwards from the render method, The request attribute <code>javax.portlet.request</code> must be set to the <code>javax.portlet.RenderRequest</code> object
SPEC2_19	Forward JSP Render	attributes8	TRUE	For forwards from the render method, The request attribute <code>javax.portlet.response</code> must be set to the <code>javax.portlet.RenderResponse</code> object
SPEC2_19	Forward JSP Resource	dispatch1	TRUE	If the path provided to <code>getRequestDispatcher</code> method contains query strings, parameters specified in the query strings must be passed to the target servlet during an forward

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward JSP Resource	dispatch2	TRUE	Parameters specified in the query strings must be aggregated with the portlet render parameters
SPEC2_19	Forward JSP Resource	dispatch3	TRUE	If query string parameters have the same names as render parameter names, the query string parameters appear in the parameter values array before the render parameter values
SPEC2_19	Forward JSP Resource	invoke1	TRUE	The PortletRequestDispatcher forward method can target a servlet
SPEC2_19	Forward JSP Resource	invoke2	TRUE	Parameters to the forward method for a target servlet can be the request and response classes from the portlet lifecycle method initiating the include
SPEC2_19	Forward JSP Resource	invoke4	TRUE	The portlet container must invoke the target servlet in the same thread as the PortletRequestDispatcher include invocation
SPEC2_19	Forward JSP Resource	invoke7	TRUE	The path elements of the request object exposed to the target servlet must reflect the path used to obtain the RequestDispatcher
SPEC2_19	Forward JSP Resource	attributes1	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the portlet request attribute javax.servlet.forward.request_uri will be set, and equals the value from HttpServletRequest.getRequestURI for the first servlet in the forward chain
SPEC2_19	Forward JSP Resource	attributes1a	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the servlet request attribute javax.servlet.forward.request_uri will be set, and equals the value from HttpServletRequest.getRequestURI for the first servlet in the forward chain
SPEC2_19	Forward JSP Resource	attributes1b	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the portlet request attribute javax.servlet.include.request_uri will not be set
SPEC2_19	Forward JSP Resource	attributes1c	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the servlet request attribute javax.servlet.include.request_uri will not be set
SPEC2_19	Forward JSP Resource	attributes2	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the portlet request attribute javax.servlet.forward.context_path will be set, and equals the value from HttpServletRequest.getContextPath for the first servlet in the forward chain
SPEC2_19	Forward JSP Resource	attributes2a	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the servlet request attribute javax.servlet.forward.context_path will be set, and equals the value from HttpServletRequest.getContextPath for the first servlet in the forward chain
SPEC2_19	Forward JSP Resource	attributes2b	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the portlet request attribute javax.servlet.include.context_path will not be set

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward JSP Resource	attributes2c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.context_path</code> will not be set
SPEC2_19	Forward JSP Resource	attributes3	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the forward chain
SPEC2_19	Forward JSP Resource	attributes3a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the forward chain
SPEC2_19	Forward JSP Resource	attributes3b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.servlet_path</code> will not be set
SPEC2_19	Forward JSP Resource	attributes3c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.servlet_path</code> will not be set
SPEC2_19	Forward JSP Resource	attributes4	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the forward chain
SPEC2_19	Forward JSP Resource	attributes4a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the forward chain
SPEC2_19	Forward JSP Resource	attributes4b	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.include.path_info</code> will not be set
SPEC2_19	Forward JSP Resource	attributes4c	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.include.path_info</code> will not be set
SPEC2_19	Forward JSP Resource	attributes5	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the portlet request attribute <code>javax.servlet.forward.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the forward chain
SPEC2_19	Forward JSP Resource	attributes5a	TRUE	If the request dispatcher is obtained through the <code>getRequestDispatcher</code> method, the servlet request attribute <code>javax.servlet.forward.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the forward chain

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward JSP Resource	attributes5b	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the portlet request attribute javax.servlet.include.query_string will not be set
SPEC2_19	Forward JSP Resource	attributes5c	TRUE	If the request dispatcher is obtained through the getRequestDispatcher method, the servlet request attribute javax.servlet.include.query_string will not be set
SPEC2_19	Forward JSP Resource	attributes6	TRUE	The request attribute javax.portlet.config must be set to the javax.portlet.PortletConfig object
SPEC2_19	Forward JSP Resource	attributes7	TRUE	For forwards from the serveResource method, The request attribute javax.portlet.request must be set to the javax.portlet.ResourceRequest object
SPEC2_19	Forward JSP Resource	attributes8	TRUE	For forwards from the serveResource method, The request attribute javax.portlet.response must be set to the javax.portlet.ResourceResponse object
<b>Dispatcher Tests 3S</b>				
SPEC2_19	Dispatch Servlet Render	invoke1	FALSE	If output data exists in the response buffer that has not been committed, the content must be cleared before the target servlet's service method is called
SPEC2_19	Dispatch Servlet Action	invoke1	FALSE	If output data exists in the response buffer that has not been committed, the content must be cleared before the target servlet's service method is called
SPEC2_19	Dispatch Servlet Event	invoke1	FALSE	If output data exists in the response buffer that has not been committed, the content must be cleared before the target servlet's service method is called
SPEC2_19	Dispatch Servlet Resource	invoke1	FALSE	If output data exists in the response buffer that has not been committed, the content must be cleared before the target servlet's service method is called
SPEC2_19	Include Servlet Render	title1	FALSE	A portlet title set by the portlet before the include call remains valid
SPEC2_19	Forward Servlet Render	commit1	FALSE	Before the forward method of the RequestDispatcher interface returns, the response content must be sent and committed, and closed by the portlet container
SPEC2_19	Forward Servlet Render	title1	FALSE	A portlet title set by the portlet before the forward call remains valid
SPEC2_19	Forward Servlet Resource	commit1	FALSE	Before the forward method of the RequestDispatcher interface returns, the response content must be sent and committed, and closed by the portlet container
SPEC2_19	Include JSP Render	title1	FALSE	A portlet title set by the portlet before the include call remains valid

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward JSP Render	commit1	FALSE	Before the forward method of the RequestDispatcher interface returns, the response content must be sent and committed, and closed by the portlet container
SPEC2_19	Forward JSP Render	title1	FALSE	A portlet title set by the portlet before the forward call remains valid
SPEC2_19	Forward JSP Resource	commit1	FALSE	Before the forward method of the RequestDispatcher interface returns, the response content must be sent and committed, and closed by the portlet container
SPEC2_19	Include Servlet Action	dispatch4	TRUE	The parameters associated with a request dispatcher are scoped only for the duration of the include or forward call
SPEC2_19	Include Servlet Event	dispatch4	TRUE	The parameters associated with a request dispatcher are scoped only for the duration of the include or forward call
SPEC2_19	Include Servlet Render	dispatch4	TRUE	The parameters associated with a request dispatcher are scoped only for the duration of the include or forward call
SPEC2_19	Include Servlet Resource	dispatch4	TRUE	The parameters associated with a request dispatcher are scoped only for the duration of the include or forward call
SPEC2_19	Forward Servlet Action	dispatch4	TRUE	The parameters associated with a request dispatcher are scoped only for the duration of the include or forward call
SPEC2_19	Forward Servlet Event	dispatch4	TRUE	The parameters associated with a request dispatcher are scoped only for the duration of the include or forward call
SPEC2_19	Forward Servlet Render	dispatch4	TRUE	The parameters associated with a request dispatcher are scoped only for the duration of the include or forward call
SPEC2_19	Forward Servlet Resource	dispatch4	TRUE	The parameters associated with a request dispatcher are scoped only for the duration of the include or forward call
SPEC2_19	Include JSP Action	dispatch4	TRUE	The parameters associated with a request dispatcher are scoped only for the duration of the include or forward call
SPEC2_19	Include JSP Event	dispatch4	TRUE	The parameters associated with a request dispatcher are scoped only for the duration of the include or forward call
SPEC2_19	Include JSP Render	dispatch4	TRUE	The parameters associated with a request dispatcher are scoped only for the duration of the include or forward call
SPEC2_19	Include JSP Resource	dispatch4	TRUE	The parameters associated with a request dispatcher are scoped only for the duration of the include or forward call
SPEC2_19	Forward JSP Action	dispatch4	TRUE	The parameters associated with a request dispatcher are scoped only for the duration of the include or forward call
SPEC2_19	Forward JSP Event	dispatch4	TRUE	The parameters associated with a request dispatcher are scoped only for the duration of the include or forward call
SPEC2_19	Forward JSP Render	dispatch4	TRUE	The parameters associated with a request dispatcher are scoped only for the duration of the include or forward call
SPEC2_19	Forward JSP Resource	dispatch4	TRUE	The parameters associated with a request dispatcher are scoped only for the duration of the include or forward call

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include Servlet Action	invoke5	OPTION	Cookies set by the portlet before the include call remain valid
SPEC2_19	Include Servlet Action	invoke6	OPTION	Properties set by the portlet before the include call remain valid
SPEC2_19	Include Servlet Action	state1	OPTION	A window state set by the portlet before the include call remains valid
SPEC2_19	Include Servlet Action	state2	OPTION	A portlet mode set by the portlet before the include call remains valid
SPEC2_19	Include Servlet Action	state3	OPTION	Render parameters set by the portlet before the include call remain valid
SPEC2_19	Include Servlet Event	invoke5	OPTION	Cookies set by the portlet before the include call remain valid
SPEC2_19	Include Servlet Event	invoke6	OPTION	Properties set by the portlet before the include call remain valid
SPEC2_19	Include Servlet Event	state1	OPTION	A window state set by the portlet before the include call remains valid
SPEC2_19	Include Servlet Event	state2	OPTION	A portlet mode set by the portlet before the include call remains valid
SPEC2_19	Include Servlet Event	state3	OPTION	Render parameters set by the portlet before the include call remain valid
SPEC2_19	Include Servlet Render	invoke5	OPTION	Cookies set by the portlet before the include call remain valid
SPEC2_19	Include Servlet Render	invoke6	OPTION	Properties set by the portlet before the include call remain valid
SPEC2_19	Include Servlet Resource	invoke5	OPTION	Cookies set by the portlet before the include call remain valid
SPEC2_19	Include Servlet Resource	invoke6	OPTION	Properties set by the portlet before the include call remain valid
SPEC2_19	Forward Servlet Action	invoke5	OPTION	Cookies set by the portlet before the forward call remain valid
SPEC2_19	Forward Servlet Action	invoke6	OPTION	Properties set by the portlet before the forward call remain valid
SPEC2_19	Forward Servlet Action	state1	OPTION	A window state set by the portlet before the forward call remains valid
SPEC2_19	Forward Servlet Action	state2	OPTION	A portlet mode set by the portlet before the forward call remains valid
SPEC2_19	Forward Servlet Action	state3	OPTION	Render parameters set by the portlet before the forward call remain valid
SPEC2_19	Forward Servlet Event	invoke5	OPTION	Cookies set by the portlet before the forward call remain valid

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward Servlet Event	invoke6	OPTION	Properties set by the portlet before the forward call remain valid
SPEC2_19	Forward Servlet Event	state1	OPTION	A window state set by the portlet before the forward call remains valid
SPEC2_19	Forward Servlet Event	state2	OPTION	A portlet mode set by the portlet before the forward call remains valid
SPEC2_19	Forward Servlet Event	state3	OPTION	Render parameters set by the portlet before the forward call remain valid
SPEC2_19	Forward Servlet Render	invoke5	OPTION	Cookies set by the portlet before the forward call remain valid
SPEC2_19	Forward Servlet Render	invoke6	OPTION	Properties set by the portlet before the forward call remain valid
SPEC2_19	Forward Servlet Resource	invoke5	OPTION	Cookies set by the portlet before the forward call remain valid
SPEC2_19	Forward Servlet Resource	invoke6	OPTION	Properties set by the portlet before the forward call remain valid
SPEC2_19	Include JSP Action	invoke5	OPTION	Cookies set by the portlet before the include call remain valid
SPEC2_19	Include JSP Action	invoke6	OPTION	Properties set by the portlet before the include call remain valid
SPEC2_19	Include JSP Action	state1	OPTION	A window state set by the portlet before the include call remains valid
SPEC2_19	Include JSP Action	state2	OPTION	A portlet mode set by the portlet before the include call remains valid
SPEC2_19	Include JSP Action	state3	OPTION	Render parameters set by the portlet before the include call remain valid
SPEC2_19	Include JSP Event	invoke5	OPTION	Cookies set by the portlet before the include call remain valid
SPEC2_19	Include JSP Event	invoke6	OPTION	Properties set by the portlet before the include call remain valid
SPEC2_19	Include JSP Event	state1	OPTION	A window state set by the portlet before the include call remains valid
SPEC2_19	Include JSP Event	state2	OPTION	A portlet mode set by the portlet before the include call remains valid
SPEC2_19	Include JSP Event	state3	OPTION	Render parameters set by the portlet before the include call remain valid
SPEC2_19	Include JSP Render	invoke5	OPTION	Cookies set by the portlet before the include call remain valid
SPEC2_19	Include JSP Render	invoke6	OPTION	Properties set by the portlet before the include call remain valid
SPEC2_19	Include JSP Resource	invoke5	OPTION	Cookies set by the portlet before the include call remain valid
SPEC2_19	Include JSP Resource	invoke6	OPTION	Properties set by the portlet before the include call remain valid
SPEC2_19	Forward JSP Action	invoke5	OPTION	Cookies set by the portlet before the forward call remain valid
SPEC2_19	Forward JSP Action	invoke6	OPTION	Properties set by the portlet before the forward call remain valid
SPEC2_19	Forward JSP Action	state1	OPTION	A window state set by the portlet before the forward call remains valid
SPEC2_19	Forward JSP Action	state2	OPTION	A portlet mode set by the portlet before the forward call remains valid
SPEC2_19	Forward JSP Action	state3	OPTION	Render parameters set by the portlet before the forward call remain valid
SPEC2_19	Forward JSP Event	invoke5	OPTION	Cookies set by the portlet before the forward call remain valid

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward JSP Event	invoke6	OPTION	Properties set by the portlet before the forward call remain valid
SPEC2_19	Forward JSP Event	state1	OPTION	A window state set by the portlet before the forward call remains valid
SPEC2_19	Forward JSP Event	state2	OPTION	A portlet mode set by the portlet before the forward call remains valid
SPEC2_19	Forward JSP Event	state3	OPTION	Render parameters set by the portlet before the forward call remain valid
SPEC2_19	Forward JSP Render	invoke5	OPTION	Cookies set by the portlet before the forward call remain valid
SPEC2_19	Forward JSP Render	invoke6	OPTION	Properties set by the portlet before the forward call remain valid
SPEC2_19	Forward JSP Resource	invoke5	OPTION	Cookies set by the portlet before the forward call remain valid
SPEC2_19	Forward JSP Resource	invoke6	OPTION	Properties set by the portlet before the forward call remain valid
<b>Dispatcher Tests 4</b>				
SPEC2_19	Include Servlet Action	invoke3	TRUE	Parameters to the include method for a target servlet can be wrapped request and response classes from the portlet lifecycle method initiating the include
SPEC2_19	Include Servlet Action	invoke8	TRUE	The portlet can include multiple servlets during the same lifecycle method
SPEC2_19	Include Servlet Event	invoke3	TRUE	Parameters to the include method for a target servlet can be wrapped request and response classes from the portlet lifecycle method initiating the include
SPEC2_19	Include Servlet Event	invoke8	TRUE	The portlet can include multiple servlets during the same lifecycle method
SPEC2_19	Include Servlet Render	invoke3	TRUE	Parameters to the include method for a target servlet can be wrapped request and response classes from the portlet lifecycle method initiating the include
SPEC2_19	Include Servlet Render	invoke8	TRUE	The portlet can include multiple servlets during the same lifecycle method
SPEC2_19	Include Servlet Resource	invoke3	TRUE	Parameters to the include method for a target servlet can be wrapped request and response classes from the portlet lifecycle method initiating the include
SPEC2_19	Include Servlet Resource	invoke8	TRUE	The portlet can include multiple servlets during the same lifecycle method
SPEC2_19	Forward Servlet Action	invoke3	TRUE	Parameters to the forward method for a target servlet can be wrapped request and response classes from the portlet lifecycle method initiating the include
SPEC2_19	Forward Servlet Event	invoke3	TRUE	Parameters to the forward method for a target servlet can be wrapped request and response classes from the portlet lifecycle method initiating the include

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward Servlet Render	invoke3	TRUE	Parameters to the forward method for a target servlet can be wrapped request and response classes from the portlet lifecycle method initiating the include
SPEC2_19	Forward Servlet Resource	invoke3	TRUE	Parameters to the forward method for a target servlet can be wrapped request and response classes from the portlet lifecycle method initiating the include
SPEC2_19	Include JSP Action	invoke3	TRUE	Parameters to the include method for a target servlet can be wrapped request and response classes from the portlet lifecycle method initiating the include
SPEC2_19	Include JSP Action	invoke8	TRUE	The portlet can include multiple servlets during the same lifecycle method
SPEC2_19	Include JSP Event	invoke3	TRUE	Parameters to the include method for a target servlet can be wrapped request and response classes from the portlet lifecycle method initiating the include
SPEC2_19	Include JSP Event	invoke8	TRUE	The portlet can include multiple servlets during the same lifecycle method
SPEC2_19	Include JSP Render	invoke3	TRUE	Parameters to the include method for a target servlet can be wrapped request and response classes from the portlet lifecycle method initiating the include
SPEC2_19	Include JSP Render	invoke8	TRUE	The portlet can include multiple servlets during the same lifecycle method
SPEC2_19	Include JSP Resource	invoke3	TRUE	Parameters to the include method for a target servlet can be wrapped request and response classes from the portlet lifecycle method initiating the include
SPEC2_19	Include JSP Resource	invoke8	TRUE	The portlet can include multiple servlets during the same lifecycle method
SPEC2_19	Forward JSP Action	invoke3	TRUE	Parameters to the forward method for a target servlet can be wrapped request and response classes from the portlet lifecycle method initiating the include
SPEC2_19	Forward JSP Event	invoke3	TRUE	Parameters to the forward method for a target servlet can be wrapped request and response classes from the portlet lifecycle method initiating the include
SPEC2_19	Forward JSP Render	invoke3	TRUE	Parameters to the forward method for a target servlet can be wrapped request and response classes from the portlet lifecycle method initiating the include
SPEC2_19	Forward JSP Resource	invoke3	TRUE	Parameters to the forward method for a target servlet can be wrapped request and response classes from the portlet lifecycle method initiating the include
<b>Dispatcher Tests 5</b>				
SPEC2_19	IncThen Include Servlet Action	dispatch1	TRUE	In a servlet included by the target of an include, if the path provided to getRequestDispatcher method contains query strings, parameters specified in the query strings must be passed to the target servlet during an include

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	IncThen Include Servlet Action	dispatch2	TRUE	In a servlet included by the target of an include, parameters specified in the query strings must be aggregated with the portlet render parameters
SPEC2_19	IncThen Include Servlet Action	dispatch3	TRUE	In a servlet included by the target of an include, if query string parameters have the same names as render parameter names, the query string parameters appear in the parameter values array before the render parameter values
SPEC2_19	IncThen Include Servlet Action	invoke2	TRUE	In a servlet included by the target of an include, parameters to the include method for a target servlet can be the request and response classes from the portlet lifecycle method initiating the include
SPEC2_19	IncThen Include Servlet Action	invoke4	TRUE	In a servlet included by the target of an include, the portlet container must invoke the target servlet in the same thread as the PortletRequestDispatcher include invocation
SPEC2_19	IncThen Include Servlet Action	invoke7	TRUE	In a servlet included by the target of an include, the path elements of the request object exposed to the target servlet must reflect the path used to obtain the RequestDispatcher
SPEC2_19	IncThen Include Servlet Action	attributes1	TRUE	In a servlet included by the target of an include, the portlet request attribute javax.servlet.include.request_uri will be set, and equals the value from HttpServletRequest.getRequestURI for the first servlet in the include chain
SPEC2_19	IncThen Include Servlet Action	attributes1a	TRUE	In a servlet included by the target of an include, the servlet request attribute javax.servlet.include.request_uri will be set, and equals the value from HttpServletRequest.getRequestURI for the first servlet in the include chain
SPEC2_19	IncThen Include Servlet Action	attributes1b	TRUE	In a servlet included by the target of an include, the portlet request attribute javax.servlet.forward.request_uri will not be set
SPEC2_19	IncThen Include Servlet Action	attributes1c	TRUE	In a servlet included by the target of an include, the servlet request attribute javax.servlet.forward.request_uri will not be set
SPEC2_19	IncThen Include Servlet Action	attributes2	TRUE	In a servlet included by the target of an include, the portlet request attribute javax.servlet.include.context_path will be set, and equals the value from HttpServletRequest.getContextPath for the first servlet in the include chain
SPEC2_19	IncThen Include Servlet Action	attributes2a	TRUE	In a servlet included by the target of an include, the servlet request attribute javax.servlet.include.context_path will be set, and equals the value from HttpServletRequest.getContextPath for the first servlet in the include chain
SPEC2_19	IncThen Include Servlet Action	attributes2b	TRUE	In a servlet included by the target of an include, the portlet request attribute javax.servlet.forward.context_path will not be set
SPEC2_19	IncThen Include Servlet Action	attributes2c	TRUE	In a servlet included by the target of an include, the servlet request attribute javax.servlet.forward.context_path will not be set

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	IncThen Include Servlet Action	attributes3	TRUE	In a servlet included by the target of an include, the portlet request attribute <code>javax.servlet.include.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the include chain
SPEC2_19	IncThen Include Servlet Action	attributes3a	TRUE	In a servlet included by the target of an include, the servlet request attribute <code>javax.servlet.include.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the include chain
SPEC2_19	IncThen Include Servlet Action	attributes3b	TRUE	In a servlet included by the target of an include, the portlet request attribute <code>javax.servlet.forward.servlet_path</code> will not be set
SPEC2_19	IncThen Include Servlet Action	attributes3c	TRUE	In a servlet included by the target of an include, the servlet request attribute <code>javax.servlet.forward.servlet_path</code> will not be set
SPEC2_19	IncThen Include Servlet Action	attributes4	TRUE	In a servlet included by the target of an include, the portlet request attribute <code>javax.servlet.include.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the include chain
SPEC2_19	IncThen Include Servlet Action	attributes4a	TRUE	In a servlet included by the target of an include, the servlet request attribute <code>javax.servlet.include.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the include chain
SPEC2_19	IncThen Include Servlet Action	attributes4b	TRUE	In a servlet included by the target of an include, the portlet request attribute <code>javax.servlet.forward.path_info</code> will not be set
SPEC2_19	IncThen Include Servlet Action	attributes4c	TRUE	In a servlet included by the target of an include, the servlet request attribute <code>javax.servlet.forward.path_info</code> will not be set
SPEC2_19	IncThen Include Servlet Action	attributes5	TRUE	In a servlet included by the target of an include, the portlet request attribute <code>javax.servlet.include.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the include chain
SPEC2_19	IncThen Include Servlet Action	attributes5a	TRUE	In a servlet included by the target of an include, the servlet request attribute <code>javax.servlet.include.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the include chain
SPEC2_19	IncThen Include Servlet Action	attributes5b	TRUE	In a servlet included by the target of an include, the portlet request attribute <code>javax.servlet.forward.query_string</code> will not be set
SPEC2_19	IncThen Include Servlet Action	attributes5c	TRUE	In a servlet included by the target of an include, the servlet request attribute <code>javax.servlet.forward.query_string</code> will not be set
SPEC2_19	IncThen Include Servlet Action	attributes6	TRUE	In a servlet included by the target of an include, the request attribute <code>javax.portlet.config</code> must be set to the <code>javax.portlet.PortletConfig</code> object
SPEC2_19	IncThen Include Servlet Action	attributes7	TRUE	In a servlet included by the target of an include, for includes from the <code>processAction</code> method, The request attribute <code>javax.portlet.request</code> must be set to the <code>javax.portlet.ActionRequest</code> object

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	IncThen Include Servlet Action	attributes8	TRUE	In a servlet included by the target of an include, for includes from the processAction method, The request attribute javax.portlet.response must be set to the javax.portlet.ActionResponse object
SPEC2_19	IncThen Include Servlet Event	dispatch1	TRUE	In a servlet included by the target of an include, if the path provided to getRequestDispatcher method contains query strings, parameters specified in the query strings must be passed to the target servlet during an include
SPEC2_19	IncThen Include Servlet Event	dispatch2	TRUE	In a servlet included by the target of an include, parameters specified in the query strings must be aggregated with the portlet render parameters
SPEC2_19	IncThen Include Servlet Event	dispatch3	TRUE	In a servlet included by the target of an include, if query string parameters have the same names as render parameter names, the query string parameters appear in the parameter values array before the render parameter values
SPEC2_19	IncThen Include Servlet Event	invoke2	TRUE	In a servlet included by the target of an include, parameters to the include method for a target servlet can be the request and response classes from the portlet lifecycle method initiating the include
SPEC2_19	IncThen Include Servlet Event	invoke4	TRUE	In a servlet included by the target of an include, the portlet container must invoke the target servlet in the same thread as the PortletRequestDispatcher include invocation
SPEC2_19	IncThen Include Servlet Event	invoke7	TRUE	In a servlet included by the target of an include, the path elements of the request object exposed to the target servlet must reflect the path used to obtain the RequestDispatcher
SPEC2_19	IncThen Include Servlet Event	attributes1	TRUE	In a servlet included by the target of an include, the portlet request attribute javax.servlet.include.request_uri will be set, and equals the value from HttpServletRequest.getRequestURI for the first servlet in the include chain
SPEC2_19	IncThen Include Servlet Event	attributes1a	TRUE	In a servlet included by the target of an include, the servlet request attribute javax.servlet.include.request_uri will be set, and equals the value from HttpServletRequest.getRequestURI for the first servlet in the include chain
SPEC2_19	IncThen Include Servlet Event	attributes1b	TRUE	In a servlet included by the target of an include, the portlet request attribute javax.servlet.forward.request_uri will not be set
SPEC2_19	IncThen Include Servlet Event	attributes1c	TRUE	In a servlet included by the target of an include, the servlet request attribute javax.servlet.forward.request_uri will not be set
SPEC2_19	IncThen Include Servlet Event	attributes2	TRUE	In a servlet included by the target of an include, the portlet request attribute javax.servlet.include.context_path will be set, and equals the value from HttpServletRequest.getContextPath for the first servlet in the include chain
SPEC2_19	IncThen Include Servlet Event	attributes2a	TRUE	In a servlet included by the target of an include, the servlet request attribute javax.servlet.include.context_path will be set, and equals the value from HttpServletRequest.getContextPath for the first servlet in the include chain

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	IncThen Include Servlet Event	attributes2b	TRUE	In a servlet included by the target of an include, the portlet request attribute <code>javax.servlet.forward.context_path</code> will not be set
SPEC2_19	IncThen Include Servlet Event	attributes2c	TRUE	In a servlet included by the target of an include, the servlet request attribute <code>javax.servlet.forward.context_path</code> will not be set
SPEC2_19	IncThen Include Servlet Event	attributes3	TRUE	In a servlet included by the target of an include, the portlet request attribute <code>javax.servlet.include.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the include chain
SPEC2_19	IncThen Include Servlet Event	attributes3a	TRUE	In a servlet included by the target of an include, the servlet request attribute <code>javax.servlet.include.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the include chain
SPEC2_19	IncThen Include Servlet Event	attributes3b	TRUE	In a servlet included by the target of an include, the portlet request attribute <code>javax.servlet.forward.servlet_path</code> will not be set
SPEC2_19	IncThen Include Servlet Event	attributes3c	TRUE	In a servlet included by the target of an include, the servlet request attribute <code>javax.servlet.forward.servlet_path</code> will not be set
SPEC2_19	IncThen Include Servlet Event	attributes4	TRUE	In a servlet included by the target of an include, the portlet request attribute <code>javax.servlet.include.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the include chain
SPEC2_19	IncThen Include Servlet Event	attributes4a	TRUE	In a servlet included by the target of an include, the servlet request attribute <code>javax.servlet.include.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the include chain
SPEC2_19	IncThen Include Servlet Event	attributes4b	TRUE	In a servlet included by the target of an include, the portlet request attribute <code>javax.servlet.forward.path_info</code> will not be set
SPEC2_19	IncThen Include Servlet Event	attributes4c	TRUE	In a servlet included by the target of an include, the servlet request attribute <code>javax.servlet.forward.path_info</code> will not be set
SPEC2_19	IncThen Include Servlet Event	attributes5	TRUE	In a servlet included by the target of an include, the portlet request attribute <code>javax.servlet.include.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the include chain
SPEC2_19	IncThen Include Servlet Event	attributes5a	TRUE	In a servlet included by the target of an include, the servlet request attribute <code>javax.servlet.include.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the include chain
SPEC2_19	IncThen Include Servlet Event	attributes5b	TRUE	In a servlet included by the target of an include, the portlet request attribute <code>javax.servlet.forward.query_string</code> will not be set
SPEC2_19	IncThen Include Servlet Event	attributes5c	TRUE	In a servlet included by the target of an include, the servlet request attribute <code>javax.servlet.forward.query_string</code> will not be set

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	IncThen Include Servlet Event	attributes6	TRUE	In a servlet included by the target of an include, the request attribute <code>javax.portlet.config</code> must be set to the <code>javax.portlet.PortletConfig</code> object
SPEC2_19	IncThen Include Servlet Event	attributes7	TRUE	In a servlet included by the target of an include, for includes from the <code>processEvent</code> method, The request attribute <code>javax.portlet.request</code> must be set to the <code>javax.portlet.EventRequest</code> object
SPEC2_19	IncThen Include Servlet Event	attributes8	TRUE	In a servlet included by the target of an include, for includes from the <code>processEvent</code> method, The request attribute <code>javax.portlet.response</code> must be set to the <code>javax.portlet.EventResponse</code> object
SPEC2_19	IncThen Include Servlet Render	dispatch1	TRUE	In a servlet included by the target of an include, if the path provided to <code>getRequestDispatcher</code> method contains query strings, parameters specified in the query strings must be passed to the target servlet during an include
SPEC2_19	IncThen Include Servlet Render	dispatch2	TRUE	In a servlet included by the target of an include, parameters specified in the query strings must be aggregated with the portlet render parameters
SPEC2_19	IncThen Include Servlet Render	dispatch3	TRUE	In a servlet included by the target of an include, if query string parameters have the same names as render parameter names, the query string parameters appear in the parameter values array before the render parameter values
SPEC2_19	IncThen Include Servlet Render	invoke2	TRUE	In a servlet included by the target of an include, parameters to the <code>include</code> method for a target servlet can be the request and response classes from the portlet lifecycle method initiating the include
SPEC2_19	IncThen Include Servlet Render	invoke4	TRUE	In a servlet included by the target of an include, the portlet container must invoke the target servlet in the same thread as the <code>PortletRequestDispatcher</code> include invocation
SPEC2_19	IncThen Include Servlet Render	invoke7	TRUE	In a servlet included by the target of an include, the path elements of the request object exposed to the target servlet must reflect the path used to obtain the <code>RequestDispatcher</code>
SPEC2_19	IncThen Include Servlet Render	invoke9	TRUE	In a servlet included by the target of an include, the included servlet must be handled as an HTTP GET request
SPEC2_19	IncThen Include Servlet Render	attributes1	TRUE	In a servlet included by the target of an include, the portlet request attribute <code>javax.servlet.include.request_uri</code> will be set, and equals the value from <code>HttpServletRequest.getRequestURI</code> for the first servlet in the include chain
SPEC2_19	IncThen Include Servlet Render	attributes1a	TRUE	In a servlet included by the target of an include, the servlet request attribute <code>javax.servlet.include.request_uri</code> will be set, and equals the value from <code>HttpServletRequest.getRequestURI</code> for the first servlet in the include chain
SPEC2_19	IncThen Include Servlet Render	attributes1b	TRUE	In a servlet included by the target of an include, the portlet request attribute <code>javax.servlet.forward.request_uri</code> will not be set
SPEC2_19	IncThen Include Servlet Render	attributes1c	TRUE	In a servlet included by the target of an include, the servlet request attribute <code>javax.servlet.forward.request_uri</code> will not be set

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	IncThen Include Servlet Render	attributes2	TRUE	In a servlet included by the target of an include, the portlet request attribute <code>javax.servlet.include.context_path</code> will be set, and equals the value from <code>HttpServletRequest.getContextPath</code> for the first servlet in the include chain
SPEC2_19	IncThen Include Servlet Render	attributes2a	TRUE	In a servlet included by the target of an include, the servlet request attribute <code>javax.servlet.include.context_path</code> will be set, and equals the value from <code>HttpServletRequest.getContextPath</code> for the first servlet in the include chain
SPEC2_19	IncThen Include Servlet Render	attributes2b	TRUE	In a servlet included by the target of an include, the portlet request attribute <code>javax.servlet.forward.context_path</code> will not be set
SPEC2_19	IncThen Include Servlet Render	attributes2c	TRUE	In a servlet included by the target of an include, the servlet request attribute <code>javax.servlet.forward.context_path</code> will not be set
SPEC2_19	IncThen Include Servlet Render	attributes3	TRUE	In a servlet included by the target of an include, the portlet request attribute <code>javax.servlet.include.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the include chain
SPEC2_19	IncThen Include Servlet Render	attributes3a	TRUE	In a servlet included by the target of an include, the servlet request attribute <code>javax.servlet.include.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the include chain
SPEC2_19	IncThen Include Servlet Render	attributes3b	TRUE	In a servlet included by the target of an include, the portlet request attribute <code>javax.servlet.forward.servlet_path</code> will not be set
SPEC2_19	IncThen Include Servlet Render	attributes3c	TRUE	In a servlet included by the target of an include, the servlet request attribute <code>javax.servlet.forward.servlet_path</code> will not be set
SPEC2_19	IncThen Include Servlet Render	attributes4	TRUE	In a servlet included by the target of an include, the portlet request attribute <code>javax.servlet.include.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the include chain
SPEC2_19	IncThen Include Servlet Render	attributes4a	TRUE	In a servlet included by the target of an include, the servlet request attribute <code>javax.servlet.include.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the include chain
SPEC2_19	IncThen Include Servlet Render	attributes4b	TRUE	In a servlet included by the target of an include, the portlet request attribute <code>javax.servlet.forward.path_info</code> will not be set
SPEC2_19	IncThen Include Servlet Render	attributes4c	TRUE	In a servlet included by the target of an include, the servlet request attribute <code>javax.servlet.forward.path_info</code> will not be set
SPEC2_19	IncThen Include Servlet Render	attributes5	TRUE	In a servlet included by the target of an include, the portlet request attribute <code>javax.servlet.include.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the include chain

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	IncThen Include Servlet Render	attributes5a	TRUE	In a servlet included by the target of an include, the servlet request attribute <code>javax.servlet.include.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the include chain
SPEC2_19	IncThen Include Servlet Render	attributes5b	TRUE	In a servlet included by the target of an include, the portlet request attribute <code>javax.servlet.forward.query_string</code> will not be set
SPEC2_19	IncThen Include Servlet Render	attributes5c	TRUE	In a servlet included by the target of an include, the servlet request attribute <code>javax.servlet.forward.query_string</code> will not be set
SPEC2_19	IncThen Include Servlet Render	attributes6	TRUE	In a servlet included by the target of an include, the request attribute <code>javax.portlet.config</code> must be set to the <code>javax.portlet.PortletConfig</code> object
SPEC2_19	IncThen Include Servlet Render	attributes7	TRUE	In a servlet included by the target of an include, for includes from the render method, The request attribute <code>javax.portlet.request</code> must be set to the <code>javax.portlet.RenderRequest</code> object
SPEC2_19	IncThen Include Servlet Render	attributes8	TRUE	In a servlet included by the target of an include, for includes from the render method, The request attribute <code>javax.portlet.response</code> must be set to the <code>javax.portlet.RenderResponse</code> object
SPEC2_19	IncThen Include Servlet Resource	dispatch1	TRUE	In a servlet included by the target of an include, if the path provided to <code>getRequestDispatcher</code> method contains query strings, parameters specified in the query strings must be passed to the target servlet during an include
SPEC2_19	IncThen Include Servlet Resource	dispatch2	TRUE	In a servlet included by the target of an include, parameters specified in the query strings must be aggregated with the portlet render parameters
SPEC2_19	IncThen Include Servlet Resource	dispatch3	TRUE	In a servlet included by the target of an include, if query string parameters have the same names as render parameter names, the query string parameters appear in the parameter values array before the render parameter values
SPEC2_19	IncThen Include Servlet Resource	invoke2	TRUE	In a servlet included by the target of an include, parameters to the include method for a target servlet can be the request and response classes from the portlet lifecycle method initiating the include
SPEC2_19	IncThen Include Servlet Resource	invoke4	TRUE	In a servlet included by the target of an include, the portlet container must invoke the target servlet in the same thread as the <code>PortletRequestDispatcher</code> include invocation
SPEC2_19	IncThen Include Servlet Resource	invoke7	TRUE	In a servlet included by the target of an include, the path elements of the request object exposed to the target servlet must reflect the path used to obtain the <code>RequestDispatcher</code>
SPEC2_19	IncThen Include Servlet Resource	invoke9	TRUE	In a servlet included by the target of an include, the included servlet must be handled as an HTTP GET request
SPEC2_19	IncThen Include Servlet Resource	attributes1	TRUE	In a servlet included by the target of an include, the portlet request attribute <code>javax.servlet.include.request_uri</code> will be set, and equals the value from <code>HttpServletRequest.getRequestURI</code> for the first servlet in the include chain

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	IncThen Include Servlet Resource	attributes1a	TRUE	In a servlet included by the target of an include, the servlet request attribute <code>javax.servlet.include.request_uri</code> will be set, and equals the value from <code>HttpServletRequest.getRequestURI</code> for the first servlet in the include chain
SPEC2_19	IncThen Include Servlet Resource	attributes1b	TRUE	In a servlet included by the target of an include, the portlet request attribute <code>javax.servlet.forward.request_uri</code> will not be set
SPEC2_19	IncThen Include Servlet Resource	attributes1c	TRUE	In a servlet included by the target of an include, the servlet request attribute <code>javax.servlet.forward.request_uri</code> will not be set
SPEC2_19	IncThen Include Servlet Resource	attributes2	TRUE	In a servlet included by the target of an include, the portlet request attribute <code>javax.servlet.include.context_path</code> will be set, and equals the value from <code>HttpServletRequest.getContextPath</code> for the first servlet in the include chain
SPEC2_19	IncThen Include Servlet Resource	attributes2a	TRUE	In a servlet included by the target of an include, the servlet request attribute <code>javax.servlet.include.context_path</code> will be set, and equals the value from <code>HttpServletRequest.getContextPath</code> for the first servlet in the include chain
SPEC2_19	IncThen Include Servlet Resource	attributes2b	TRUE	In a servlet included by the target of an include, the portlet request attribute <code>javax.servlet.forward.context_path</code> will not be set
SPEC2_19	IncThen Include Servlet Resource	attributes2c	TRUE	In a servlet included by the target of an include, the servlet request attribute <code>javax.servlet.forward.context_path</code> will not be set
SPEC2_19	IncThen Include Servlet Resource	attributes3	TRUE	In a servlet included by the target of an include, the portlet request attribute <code>javax.servlet.include.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the include chain
SPEC2_19	IncThen Include Servlet Resource	attributes3a	TRUE	In a servlet included by the target of an include, the servlet request attribute <code>javax.servlet.include.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the include chain
SPEC2_19	IncThen Include Servlet Resource	attributes3b	TRUE	In a servlet included by the target of an include, the portlet request attribute <code>javax.servlet.forward.servlet_path</code> will not be set
SPEC2_19	IncThen Include Servlet Resource	attributes3c	TRUE	In a servlet included by the target of an include, the servlet request attribute <code>javax.servlet.forward.servlet_path</code> will not be set
SPEC2_19	IncThen Include Servlet Resource	attributes4	TRUE	In a servlet included by the target of an include, the portlet request attribute <code>javax.servlet.include.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the include chain
SPEC2_19	IncThen Include Servlet Resource	attributes4a	TRUE	In a servlet included by the target of an include, the servlet request attribute <code>javax.servlet.include.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the include chain

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	IncThen Include Servlet Resource	attributes4b	TRUE	In a servlet included by the target of an include, the portlet request attribute <code>javax.servlet.forward.path_info</code> will not be set
SPEC2_19	IncThen Include Servlet Resource	attributes4c	TRUE	In a servlet included by the target of an include, the servlet request attribute <code>javax.servlet.forward.path_info</code> will not be set
SPEC2_19	IncThen Include Servlet Resource	attributes5	TRUE	In a servlet included by the target of an include, the portlet request attribute <code>javax.servlet.include.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the include chain
SPEC2_19	IncThen Include Servlet Resource	attributes5a	TRUE	In a servlet included by the target of an include, the servlet request attribute <code>javax.servlet.include.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the include chain
SPEC2_19	IncThen Include Servlet Resource	attributes5b	TRUE	In a servlet included by the target of an include, the portlet request attribute <code>javax.servlet.forward.query_string</code> will not be set
SPEC2_19	IncThen Include Servlet Resource	attributes5c	TRUE	In a servlet included by the target of an include, the servlet request attribute <code>javax.servlet.forward.query_string</code> will not be set
SPEC2_19	IncThen Include Servlet Resource	attributes6	TRUE	In a servlet included by the target of an include, the request attribute <code>javax.portlet.config</code> must be set to the <code>javax.portlet.PortletConfig</code> object
SPEC2_19	IncThen Include Servlet Resource	attributes7	TRUE	In a servlet included by the target of an include, for includes from the <code>serveResource</code> method, The request attribute <code>javax.portlet.request</code> must be set to the <code>javax.portlet.ResourceRequest</code> object
SPEC2_19	IncThen Include Servlet Resource	attributes8	TRUE	In a servlet included by the target of an include, for includes from the <code>serveResource</code> method, The request attribute <code>javax.portlet.response</code> must be set to the <code>javax.portlet.ResourceResponse</code> object
SPEC2_19	IncThen Forward Servlet Action	dispatch1	TRUE	In a servlet forwarded to by the target of an include, if the path provided to <code>getRequestDispatcher</code> method contains query strings, parameters specified in the query strings must be passed to the target servlet during an forward
SPEC2_19	IncThen Forward Servlet Action	dispatch2	TRUE	In a servlet forwarded to by the target of an include, parameters specified in the query strings must be aggregated with the portlet render parameters
SPEC2_19	IncThen Forward Servlet Action	dispatch3	TRUE	In a servlet forwarded to by the target of an include, if query string parameters have the same names as render parameter names, the query string parameters appear in the parameter values array before the render parameter values
SPEC2_19	IncThen Forward Servlet Action	invoke2	TRUE	In a servlet forwarded to by the target of an include, parameters to the forward method for a target servlet can be the request and response classes from the portlet lifecycle method initiating the include
SPEC2_19	IncThen Forward Servlet Action	invoke4	TRUE	In a servlet forwarded to by the target of an include, the portlet container must invoke the target servlet in the same thread as the <code>PortletRequestDispatcher</code> include invocation

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	IncThen Forward Servlet Action	invoke7	TRUE	In a servlet forwarded to by the target of an include, the path elements of the request object exposed to the target servlet must reflect the path used to obtain the RequestDispatcher
SPEC2_19	IncThen Forward Servlet Action	attributes1	TRUE	In a servlet forwarded to by the target of an include, the portlet request attribute javax.servlet.forward.request_uri will be set, and equals the value from HttpServletRequest.getRequestURI for the first servlet in the forward chain
SPEC2_19	IncThen Forward Servlet Action	attributes1a	TRUE	In a servlet forwarded to by the target of an include, the servlet request attribute javax.servlet.forward.request_uri will be set, and equals the value from HttpServletRequest.getRequestURI for the first servlet in the forward chain
SPEC2_19	IncThen Forward Servlet Action	attributes1b	TRUE	In a servlet forwarded to by the target of an include, the portlet request attribute javax.servlet.include.request_uri will not be set
SPEC2_19	IncThen Forward Servlet Action	attributes1c	TRUE	In a servlet forwarded to by the target of an include, the servlet request attribute javax.servlet.include.request_uri will not be set
SPEC2_19	IncThen Forward Servlet Action	attributes2	TRUE	In a servlet forwarded to by the target of an include, the portlet request attribute javax.servlet.forward.context_path will be set, and equals the value from HttpServletRequest.getContextPath for the first servlet in the forward chain
SPEC2_19	IncThen Forward Servlet Action	attributes2a	TRUE	In a servlet forwarded to by the target of an include, the servlet request attribute javax.servlet.forward.context_path will be set, and equals the value from HttpServletRequest.getContextPath for the first servlet in the forward chain
SPEC2_19	IncThen Forward Servlet Action	attributes2b	TRUE	In a servlet forwarded to by the target of an include, the portlet request attribute javax.servlet.include.context_path will not be set
SPEC2_19	IncThen Forward Servlet Action	attributes2c	TRUE	In a servlet forwarded to by the target of an include, the servlet request attribute javax.servlet.include.context_path will not be set
SPEC2_19	IncThen Forward Servlet Action	attributes3	TRUE	In a servlet forwarded to by the target of an include, the portlet request attribute javax.servlet.forward.servlet_path will be set, and equals the value from HttpServletRequest.getServletPath for the first servlet in the forward chain
SPEC2_19	IncThen Forward Servlet Action	attributes3a	TRUE	In a servlet forwarded to by the target of an include, the servlet request attribute javax.servlet.forward.servlet_path will be set, and equals the value from HttpServletRequest.getServletPath for the first servlet in the forward chain
SPEC2_19	IncThen Forward Servlet Action	attributes3b	TRUE	In a servlet forwarded to by the target of an include, the portlet request attribute javax.servlet.include.servlet_path will not be set
SPEC2_19	IncThen Forward Servlet Action	attributes3c	TRUE	In a servlet forwarded to by the target of an include, the servlet request attribute javax.servlet.include.servlet_path will not be set

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	IncThen Forward Servlet Action	attributes4	TRUE	In a servlet forwarded to by the target of an include, the portlet request attribute <code>javax.servlet.forward.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the forward chain
SPEC2_19	IncThen Forward Servlet Action	attributes4a	TRUE	In a servlet forwarded to by the target of an include, the servlet request attribute <code>javax.servlet.forward.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the forward chain
SPEC2_19	IncThen Forward Servlet Action	attributes4b	TRUE	In a servlet forwarded to by the target of an include, the portlet request attribute <code>javax.servlet.include.path_info</code> will not be set
SPEC2_19	IncThen Forward Servlet Action	attributes4c	TRUE	In a servlet forwarded to by the target of an include, the servlet request attribute <code>javax.servlet.include.path_info</code> will not be set
SPEC2_19	IncThen Forward Servlet Action	attributes5	TRUE	In a servlet forwarded to by the target of an include, the portlet request attribute <code>javax.servlet.forward.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the forward chain
SPEC2_19	IncThen Forward Servlet Action	attributes5a	TRUE	In a servlet forwarded to by the target of an include, the servlet request attribute <code>javax.servlet.forward.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the forward chain
SPEC2_19	IncThen Forward Servlet Action	attributes5b	TRUE	In a servlet forwarded to by the target of an include, the portlet request attribute <code>javax.servlet.include.query_string</code> will not be set
SPEC2_19	IncThen Forward Servlet Action	attributes5c	TRUE	In a servlet forwarded to by the target of an include, the servlet request attribute <code>javax.servlet.include.query_string</code> will not be set
SPEC2_19	IncThen Forward Servlet Action	attributes6	TRUE	In a servlet forwarded to by the target of an include, the request attribute <code>javax.portlet.config</code> must be set to the <code>javax.portlet.PortletConfig</code> object
SPEC2_19	IncThen Forward Servlet Action	attributes7	TRUE	In a servlet forwarded to by the target of an include, for forwards from the <code>processAction</code> method, The request attribute <code>javax.portlet.request</code> must be set to the <code>javax.portlet.ActionRequest</code> object
SPEC2_19	IncThen Forward Servlet Action	attributes8	TRUE	In a servlet forwarded to by the target of an include, for forwards from the <code>processAction</code> method, The request attribute <code>javax.portlet.response</code> must be set to the <code>javax.portlet.ActionResponse</code> object
SPEC2_19	IncThen Forward Servlet Event	dispatch1	TRUE	In a servlet forwarded to by the target of an include, if the path provided to <code>getRequestDispatcher</code> method contains query strings, parameters specified in the query strings must be passed to the target servlet during an forward
SPEC2_19	IncThen Forward Servlet Event	dispatch2	TRUE	In a servlet forwarded to by the target of an include, parameters specified in the query strings must be aggregated with the portlet render parameters

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	IncThen Forward Servlet Event	dispatch3	TRUE	In a servlet forwarded to by the target of an include, if query string parameters have the same names as render parameter names, the query string parameters appear in the parameter values array before the render parameter values
SPEC2_19	IncThen Forward Servlet Event	invoke2	TRUE	In a servlet forwarded to by the target of an include, parameters to the forward method for a target servlet can be the request and response classes from the portlet lifecycle method initiating the include
SPEC2_19	IncThen Forward Servlet Event	invoke4	TRUE	In a servlet forwarded to by the target of an include, the portlet container must invoke the target servlet in the same thread as the PortletRequestDispatcher include invocation
SPEC2_19	IncThen Forward Servlet Event	invoke7	TRUE	In a servlet forwarded to by the target of an include, the path elements of the request object exposed to the target servlet must reflect the path used to obtain the RequestDispatcher
SPEC2_19	IncThen Forward Servlet Event	attributes1	TRUE	In a servlet forwarded to by the target of an include, the portlet request attribute javax.servlet.forward.request_uri will be set, and equals the value from HttpServletRequest.getRequestURI for the first servlet in the forward chain
SPEC2_19	IncThen Forward Servlet Event	attributes1a	TRUE	In a servlet forwarded to by the target of an include, the servlet request attribute javax.servlet.forward.request_uri will be set, and equals the value from HttpServletRequest.getRequestURI for the first servlet in the forward chain
SPEC2_19	IncThen Forward Servlet Event	attributes1b	TRUE	In a servlet forwarded to by the target of an include, the portlet request attribute javax.servlet.include.request_uri will not be set
SPEC2_19	IncThen Forward Servlet Event	attributes1c	TRUE	In a servlet forwarded to by the target of an include, the servlet request attribute javax.servlet.include.request_uri will not be set
SPEC2_19	IncThen Forward Servlet Event	attributes2	TRUE	In a servlet forwarded to by the target of an include, the portlet request attribute javax.servlet.forward.context_path will be set, and equals the value from HttpServletRequest.getContextPath for the first servlet in the forward chain
SPEC2_19	IncThen Forward Servlet Event	attributes2a	TRUE	In a servlet forwarded to by the target of an include, the servlet request attribute javax.servlet.forward.context_path will be set, and equals the value from HttpServletRequest.getContextPath for the first servlet in the forward chain
SPEC2_19	IncThen Forward Servlet Event	attributes2b	TRUE	In a servlet forwarded to by the target of an include, the portlet request attribute javax.servlet.include.context_path will not be set
SPEC2_19	IncThen Forward Servlet Event	attributes2c	TRUE	In a servlet forwarded to by the target of an include, the servlet request attribute javax.servlet.include.context_path will not be set
SPEC2_19	IncThen Forward Servlet Event	attributes3	TRUE	In a servlet forwarded to by the target of an include, the portlet request attribute javax.servlet.forward.servlet_path will be set, and equals the value from HttpServletRequest.getServletPath for the first servlet in the forward chain

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	IncThen Forward Servlet Event	attributes3a	TRUE	In a servlet forwarded to by the target of an include, the servlet request attribute <code>javax.servlet.forward.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the forward chain
SPEC2_19	IncThen Forward Servlet Event	attributes3b	TRUE	In a servlet forwarded to by the target of an include, the portlet request attribute <code>javax.servlet.include.servlet_path</code> will not be set
SPEC2_19	IncThen Forward Servlet Event	attributes3c	TRUE	In a servlet forwarded to by the target of an include, the servlet request attribute <code>javax.servlet.include.servlet_path</code> will not be set
SPEC2_19	IncThen Forward Servlet Event	attributes4	TRUE	In a servlet forwarded to by the target of an include, the portlet request attribute <code>javax.servlet.forward.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the forward chain
SPEC2_19	IncThen Forward Servlet Event	attributes4a	TRUE	In a servlet forwarded to by the target of an include, the servlet request attribute <code>javax.servlet.forward.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the forward chain
SPEC2_19	IncThen Forward Servlet Event	attributes4b	TRUE	In a servlet forwarded to by the target of an include, the portlet request attribute <code>javax.servlet.include.path_info</code> will not be set
SPEC2_19	IncThen Forward Servlet Event	attributes4c	TRUE	In a servlet forwarded to by the target of an include, the servlet request attribute <code>javax.servlet.include.path_info</code> will not be set
SPEC2_19	IncThen Forward Servlet Event	attributes5	TRUE	In a servlet forwarded to by the target of an include, the portlet request attribute <code>javax.servlet.forward.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the forward chain
SPEC2_19	IncThen Forward Servlet Event	attributes5a	TRUE	In a servlet forwarded to by the target of an include, the servlet request attribute <code>javax.servlet.forward.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the forward chain
SPEC2_19	IncThen Forward Servlet Event	attributes5b	TRUE	In a servlet forwarded to by the target of an include, the portlet request attribute <code>javax.servlet.include.query_string</code> will not be set
SPEC2_19	IncThen Forward Servlet Event	attributes5c	TRUE	In a servlet forwarded to by the target of an include, the servlet request attribute <code>javax.servlet.include.query_string</code> will not be set
SPEC2_19	IncThen Forward Servlet Event	attributes6	TRUE	In a servlet forwarded to by the target of an include, the request attribute <code>javax.portlet.config</code> must be set to the <code>javax.portlet.PortletConfig</code> object
SPEC2_19	IncThen Forward Servlet Event	attributes7	TRUE	In a servlet forwarded to by the target of an include, for forwards from the <code>processEvent</code> method, The request attribute <code>javax.portlet.request</code> must be set to the <code>javax.portlet.EventRequest</code> object
SPEC2_19	IncThen Forward Servlet Event	attributes8	TRUE	In a servlet forwarded to by the target of an include, for forwards from the <code>processEvent</code> method, The request attribute <code>javax.portlet.response</code> must be set to the <code>javax.portlet.EventResponse</code> object

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	IncThen Forward Servlet Render	dispatch1	TRUE	In a servlet forwarded to by the target of an include, if the path provided to <code>getRequestDispatcher</code> method contains query strings, parameters specified in the query strings must be passed to the target servlet during an forward
SPEC2_19	IncThen Forward Servlet Render	dispatch2	TRUE	In a servlet forwarded to by the target of an include, parameters specified in the query strings must be aggregated with the portlet render parameters
SPEC2_19	IncThen Forward Servlet Render	dispatch3	TRUE	In a servlet forwarded to by the target of an include, if query string parameters have the same names as render parameter names, the query string parameters appear in the parameter values array before the render parameter values
SPEC2_19	IncThen Forward Servlet Render	invoke2	TRUE	In a servlet forwarded to by the target of an include, parameters to the forward method for a target servlet can be the request and response classes from the portlet lifecycle method initiating the include
SPEC2_19	IncThen Forward Servlet Render	invoke4	TRUE	In a servlet forwarded to by the target of an include, the portlet container must invoke the target servlet in the same thread as the <code>PortletRequestDispatcher</code> include invocation
SPEC2_19	IncThen Forward Servlet Render	invoke7	TRUE	In a servlet forwarded to by the target of an include, the path elements of the request object exposed to the target servlet must reflect the path used to obtain the <code>RequestDispatcher</code>
SPEC2_19	IncThen Forward Servlet Render	attributes1	TRUE	In a servlet forwarded to by the target of an include, the portlet request attribute <code>javax.servlet.forward.request_uri</code> will be set, and equals the value from <code>HttpServletRequest.getRequestURI</code> for the first servlet in the forward chain
SPEC2_19	IncThen Forward Servlet Render	attributes1a	TRUE	In a servlet forwarded to by the target of an include, the servlet request attribute <code>javax.servlet.forward.request_uri</code> will be set, and equals the value from <code>HttpServletRequest.getRequestURI</code> for the first servlet in the forward chain
SPEC2_19	IncThen Forward Servlet Render	attributes1b	TRUE	In a servlet forwarded to by the target of an include, the portlet request attribute <code>javax.servlet.include.request_uri</code> will not be set
SPEC2_19	IncThen Forward Servlet Render	attributes1c	TRUE	In a servlet forwarded to by the target of an include, the servlet request attribute <code>javax.servlet.include.request_uri</code> will not be set
SPEC2_19	IncThen Forward Servlet Render	attributes2	TRUE	In a servlet forwarded to by the target of an include, the portlet request attribute <code>javax.servlet.forward.context_path</code> will be set, and equals the value from <code>HttpServletRequest.getContextPath</code> for the first servlet in the forward chain
SPEC2_19	IncThen Forward Servlet Render	attributes2a	TRUE	In a servlet forwarded to by the target of an include, the servlet request attribute <code>javax.servlet.forward.context_path</code> will be set, and equals the value from <code>HttpServletRequest.getContextPath</code> for the first servlet in the forward chain
SPEC2_19	IncThen Forward Servlet Render	attributes2b	TRUE	In a servlet forwarded to by the target of an include, the portlet request attribute <code>javax.servlet.include.context_path</code> will not be set

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	IncThen Forward Servlet Render	attributes2c	TRUE	In a servlet forwarded to by the target of an include, the servlet request attribute <code>javax.servlet.include.context_path</code> will not be set
SPEC2_19	IncThen Forward Servlet Render	attributes3	TRUE	In a servlet forwarded to by the target of an include, the portlet request attribute <code>javax.servlet.forward.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the forward chain
SPEC2_19	IncThen Forward Servlet Render	attributes3a	TRUE	In a servlet forwarded to by the target of an include, the servlet request attribute <code>javax.servlet.forward.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the forward chain
SPEC2_19	IncThen Forward Servlet Render	attributes3b	TRUE	In a servlet forwarded to by the target of an include, the portlet request attribute <code>javax.servlet.include.servlet_path</code> will not be set
SPEC2_19	IncThen Forward Servlet Render	attributes3c	TRUE	In a servlet forwarded to by the target of an include, the servlet request attribute <code>javax.servlet.include.servlet_path</code> will not be set
SPEC2_19	IncThen Forward Servlet Render	attributes4	TRUE	In a servlet forwarded to by the target of an include, the portlet request attribute <code>javax.servlet.forward.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the forward chain
SPEC2_19	IncThen Forward Servlet Render	attributes4a	TRUE	In a servlet forwarded to by the target of an include, the servlet request attribute <code>javax.servlet.forward.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the forward chain
SPEC2_19	IncThen Forward Servlet Render	attributes4b	TRUE	In a servlet forwarded to by the target of an include, the portlet request attribute <code>javax.servlet.include.path_info</code> will not be set
SPEC2_19	IncThen Forward Servlet Render	attributes4c	TRUE	In a servlet forwarded to by the target of an include, the servlet request attribute <code>javax.servlet.include.path_info</code> will not be set
SPEC2_19	IncThen Forward Servlet Render	attributes5	TRUE	In a servlet forwarded to by the target of an include, the portlet request attribute <code>javax.servlet.forward.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the forward chain
SPEC2_19	IncThen Forward Servlet Render	attributes5a	TRUE	In a servlet forwarded to by the target of an include, the servlet request attribute <code>javax.servlet.forward.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the forward chain
SPEC2_19	IncThen Forward Servlet Render	attributes5b	TRUE	In a servlet forwarded to by the target of an include, the portlet request attribute <code>javax.servlet.include.query_string</code> will not be set
SPEC2_19	IncThen Forward Servlet Render	attributes5c	TRUE	In a servlet forwarded to by the target of an include, the servlet request attribute <code>javax.servlet.include.query_string</code> will not be set
SPEC2_19	IncThen Forward Servlet Render	attributes6	TRUE	In a servlet forwarded to by the target of an include, the request attribute <code>javax.portlet.config</code> must be set to the <code>javax.portlet.PortletConfig</code> object

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	IncThen Forward Servlet Render	attributes7	TRUE	In a servlet forwarded to by the target of an include, for forwards from the render method, The request attribute <code>javax.portlet.request</code> must be set to the <code>javax.portlet.RenderRequest</code> object
SPEC2_19	IncThen Forward Servlet Render	attributes8	TRUE	In a servlet forwarded to by the target of an include, for forwards from the render method, The request attribute <code>javax.portlet.response</code> must be set to the <code>javax.portlet.RenderResponse</code> object
SPEC2_19	IncThen Forward Servlet Resource	dispatch1	TRUE	In a servlet forwarded to by the target of an include, if the path provided to <code>getRequestDispatcher</code> method contains query strings, parameters specified in the query strings must be passed to the target servlet during an forward
SPEC2_19	IncThen Forward Servlet Resource	dispatch2	TRUE	In a servlet forwarded to by the target of an include, parameters specified in the query strings must be aggregated with the portlet render parameters
SPEC2_19	IncThen Forward Servlet Resource	dispatch3	TRUE	In a servlet forwarded to by the target of an include, if query string parameters have the same names as render parameter names, the query string parameters appear in the parameter values array before the render parameter values
SPEC2_19	IncThen Forward Servlet Resource	invoke2	TRUE	In a servlet forwarded to by the target of an include, parameters to the forward method for a target servlet can be the request and response classes from the portlet lifecycle method initiating the include
SPEC2_19	IncThen Forward Servlet Resource	invoke4	TRUE	In a servlet forwarded to by the target of an include, the portlet container must invoke the target servlet in the same thread as the <code>PortletRequestDispatcher</code> include invocation
SPEC2_19	IncThen Forward Servlet Resource	invoke7	TRUE	In a servlet forwarded to by the target of an include, the path elements of the request object exposed to the target servlet must reflect the path used to obtain the <code>RequestDispatcher</code>
SPEC2_19	IncThen Forward Servlet Resource	attributes1	TRUE	In a servlet forwarded to by the target of an include, the portlet request attribute <code>javax.servlet.forward.request_uri</code> will be set, and equals the value from <code>HttpServletRequest.getRequestURI</code> for the first servlet in the forward chain
SPEC2_19	IncThen Forward Servlet Resource	attributes1a	TRUE	In a servlet forwarded to by the target of an include, the servlet request attribute <code>javax.servlet.forward.request_uri</code> will be set, and equals the value from <code>HttpServletRequest.getRequestURI</code> for the first servlet in the forward chain
SPEC2_19	IncThen Forward Servlet Resource	attributes1b	TRUE	In a servlet forwarded to by the target of an include, the portlet request attribute <code>javax.servlet.include.request_uri</code> will not be set
SPEC2_19	IncThen Forward Servlet Resource	attributes1c	TRUE	In a servlet forwarded to by the target of an include, the servlet request attribute <code>javax.servlet.include.request_uri</code> will not be set
SPEC2_19	IncThen Forward Servlet Resource	attributes2	TRUE	In a servlet forwarded to by the target of an include, the portlet request attribute <code>javax.servlet.forward.context_path</code> will be set, and equals the value from <code>HttpServletRequest.getContextPath</code> for the first servlet in the forward chain

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	IncThen Forward Servlet Resource	attributes2a	TRUE	In a servlet forwarded to by the target of an include, the servlet request attribute <code>javax.servlet.forward.context_path</code> will be set, and equals the value from <code>HttpServletRequest.getContextPath</code> for the first servlet in the forward chain
SPEC2_19	IncThen Forward Servlet Resource	attributes2b	TRUE	In a servlet forwarded to by the target of an include, the portlet request attribute <code>javax.servlet.include.context_path</code> will not be set
SPEC2_19	IncThen Forward Servlet Resource	attributes2c	TRUE	In a servlet forwarded to by the target of an include, the servlet request attribute <code>javax.servlet.include.context_path</code> will not be set
SPEC2_19	IncThen Forward Servlet Resource	attributes3	TRUE	In a servlet forwarded to by the target of an include, the portlet request attribute <code>javax.servlet.forward.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the forward chain
SPEC2_19	IncThen Forward Servlet Resource	attributes3a	TRUE	In a servlet forwarded to by the target of an include, the servlet request attribute <code>javax.servlet.forward.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the forward chain
SPEC2_19	IncThen Forward Servlet Resource	attributes3b	TRUE	In a servlet forwarded to by the target of an include, the portlet request attribute <code>javax.servlet.include.servlet_path</code> will not be set
SPEC2_19	IncThen Forward Servlet Resource	attributes3c	TRUE	In a servlet forwarded to by the target of an include, the servlet request attribute <code>javax.servlet.include.servlet_path</code> will not be set
SPEC2_19	IncThen Forward Servlet Resource	attributes4	TRUE	In a servlet forwarded to by the target of an include, the portlet request attribute <code>javax.servlet.forward.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the forward chain
SPEC2_19	IncThen Forward Servlet Resource	attributes4a	TRUE	In a servlet forwarded to by the target of an include, the servlet request attribute <code>javax.servlet.forward.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the forward chain
SPEC2_19	IncThen Forward Servlet Resource	attributes4b	TRUE	In a servlet forwarded to by the target of an include, the portlet request attribute <code>javax.servlet.include.path_info</code> will not be set
SPEC2_19	IncThen Forward Servlet Resource	attributes4c	TRUE	In a servlet forwarded to by the target of an include, the servlet request attribute <code>javax.servlet.include.path_info</code> will not be set
SPEC2_19	IncThen Forward Servlet Resource	attributes5	TRUE	In a servlet forwarded to by the target of an include, the portlet request attribute <code>javax.servlet.forward.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the forward chain
SPEC2_19	IncThen Forward Servlet Resource	attributes5a	TRUE	In a servlet forwarded to by the target of an include, the servlet request attribute <code>javax.servlet.forward.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the forward chain

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	IncThen Forward Servlet Resource	attributes5b	TRUE	In a servlet forwarded to by the target of an include, the portlet request attribute <code>javax.servlet.include.query_string</code> will not be set
SPEC2_19	IncThen Forward Servlet Resource	attributes5c	TRUE	In a servlet forwarded to by the target of an include, the servlet request attribute <code>javax.servlet.include.query_string</code> will not be set
SPEC2_19	IncThen Forward Servlet Resource	attributes6	TRUE	In a servlet forwarded to by the target of an include, the request attribute <code>javax.portlet.config</code> must be set to the <code>javax.portlet.PortletConfig</code> object
SPEC2_19	IncThen Forward Servlet Resource	attributes7	TRUE	In a servlet forwarded to by the target of an include, for forwards from the <code>serveResource</code> method, The request attribute <code>javax.portlet.request</code> must be set to the <code>javax.portlet.ResourceRequest</code> object
SPEC2_19	IncThen Forward Servlet Resource	attributes8	TRUE	In a servlet forwarded to by the target of an include, for forwards from the <code>serveResource</code> method, The request attribute <code>javax.portlet.response</code> must be set to the <code>javax.portlet.ResourceResponse</code> object
<b>Dispatcher Tests 6</b>				
SPEC2_19	FwdThen Include Servlet Action	dispatch1	TRUE	In a servlet included by the target of a forward, if the path provided to <code>getRequestDispatcher</code> method contains query strings, parameters specified in the query strings must be passed to the target servlet during a forward
SPEC2_19	FwdThen Include Servlet Action	dispatch2	TRUE	In a servlet included by the target of a forward, parameters specified in the query strings must be aggregated with the portlet render parameters
SPEC2_19	FwdThen Include Servlet Action	dispatch3	TRUE	In a servlet included by the target of a forward, if query string parameters have the same names as render parameter names, the query string parameters appear in the parameter values array before the render parameter values
SPEC2_19	FwdThen Include Servlet Action	invoke2	TRUE	In a servlet included by the target of a forward, parameters to the <code>include</code> method for a target servlet can be the request and response classes from the portlet lifecycle method initiating the include
SPEC2_19	FwdThen Include Servlet Action	invoke4	TRUE	In a servlet included by the target of a forward, the portlet container must invoke the target servlet in the same thread as the <code>PortletRequestDispatcher</code> include invocation
SPEC2_19	FwdThen Include Servlet Action	invoke7	TRUE	In a servlet included by the target of a forward, the path elements of the request object exposed to the target servlet must reflect the path used to obtain the <code>RequestDispatcher</code>
SPEC2_19	FwdThen Include Servlet Action	attributes1	TRUE	In a servlet included by the target of a forward, the portlet request attribute <code>javax.servlet.include.request_uri</code> will be set, and equals the value from <code>HttpServletRequest.getRequestURI</code> for the first servlet in the include chain
SPEC2_19	FwdThen Include Servlet Action	attributes1a	TRUE	In a servlet included by the target of a forward, the servlet request attribute <code>javax.servlet.include.request_uri</code> will be set, and equals the value from <code>HttpServletRequest.getRequestURI</code> for the first servlet in the include chain

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	FwdThen Include Servlet Action	attributes1b	TRUE	In a servlet included by the target of a forward, the portlet request attribute <code>javax.servlet.forward.request_uri</code> will not be set
SPEC2_19	FwdThen Include Servlet Action	attributes1c	TRUE	In a servlet included by the target of a forward, the servlet request attribute <code>javax.servlet.forward.request_uri</code> will not be set
SPEC2_19	FwdThen Include Servlet Action	attributes2	TRUE	In a servlet included by the target of a forward, the portlet request attribute <code>javax.servlet.include.context_path</code> will be set, and equals the value from <code>HttpServletRequest.getContextPath</code> for the first servlet in the include chain
SPEC2_19	FwdThen Include Servlet Action	attributes2a	TRUE	In a servlet included by the target of a forward, the servlet request attribute <code>javax.servlet.include.context_path</code> will be set, and equals the value from <code>HttpServletRequest.getContextPath</code> for the first servlet in the include chain
SPEC2_19	FwdThen Include Servlet Action	attributes2b	TRUE	In a servlet included by the target of a forward, the portlet request attribute <code>javax.servlet.forward.context_path</code> will not be set
SPEC2_19	FwdThen Include Servlet Action	attributes2c	TRUE	In a servlet included by the target of a forward, the servlet request attribute <code>javax.servlet.forward.context_path</code> will not be set
SPEC2_19	FwdThen Include Servlet Action	attributes3	TRUE	In a servlet included by the target of a forward, the portlet request attribute <code>javax.servlet.include.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the include chain
SPEC2_19	FwdThen Include Servlet Action	attributes3a	TRUE	In a servlet included by the target of a forward, the servlet request attribute <code>javax.servlet.include.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the include chain
SPEC2_19	FwdThen Include Servlet Action	attributes3b	TRUE	In a servlet included by the target of a forward, the portlet request attribute <code>javax.servlet.forward.servlet_path</code> will not be set
SPEC2_19	FwdThen Include Servlet Action	attributes3c	TRUE	In a servlet included by the target of a forward, the servlet request attribute <code>javax.servlet.forward.servlet_path</code> will not be set
SPEC2_19	FwdThen Include Servlet Action	attributes4	TRUE	In a servlet included by the target of a forward, the portlet request attribute <code>javax.servlet.include.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the include chain
SPEC2_19	FwdThen Include Servlet Action	attributes4a	TRUE	In a servlet included by the target of a forward, the servlet request attribute <code>javax.servlet.include.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the include chain
SPEC2_19	FwdThen Include Servlet Action	attributes4b	TRUE	In a servlet included by the target of a forward, the portlet request attribute <code>javax.servlet.forward.path_info</code> will not be set
SPEC2_19	FwdThen Include Servlet Action	attributes4c	TRUE	In a servlet included by the target of a forward, the servlet request attribute <code>javax.servlet.forward.path_info</code> will not be set

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	FwdThen Include Servlet Action	attributes5	TRUE	In a servlet included by the target of a forward, the portlet request attribute <code>javax.servlet.include.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the include chain
SPEC2_19	FwdThen Include Servlet Action	attributes5a	TRUE	In a servlet included by the target of a forward, the servlet request attribute <code>javax.servlet.include.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the include chain
SPEC2_19	FwdThen Include Servlet Action	attributes5b	TRUE	In a servlet included by the target of a forward, the portlet request attribute <code>javax.servlet.forward.query_string</code> will not be set
SPEC2_19	FwdThen Include Servlet Action	attributes5c	TRUE	In a servlet included by the target of a forward, the servlet request attribute <code>javax.servlet.forward.query_string</code> will not be set
SPEC2_19	FwdThen Include Servlet Action	attributes6	TRUE	In a servlet included by the target of a forward, the request attribute <code>javax.portlet.config</code> must be set to the <code>javax.portlet.PortletConfig</code> object
SPEC2_19	FwdThen Include Servlet Action	attributes7	TRUE	In a servlet included by the target of a forward, for includes from the <code>processAction</code> method, The request attribute <code>javax.portlet.request</code> must be set to the <code>javax.portlet.ActionRequest</code> object
SPEC2_19	FwdThen Include Servlet Action	attributes8	TRUE	In a servlet included by the target of a forward, for includes from the <code>processAction</code> method, The request attribute <code>javax.portlet.response</code> must be set to the <code>javax.portlet.ActionResponse</code> object
SPEC2_19	FwdThen Include Servlet Event	dispatch1	TRUE	In a servlet included by the target of a forward, if the path provided to <code>getRequestDispatcher</code> method contains query strings, parameters specified in the query strings must be passed to the target servlet during a forward
SPEC2_19	FwdThen Include Servlet Event	dispatch2	TRUE	In a servlet included by the target of a forward, parameters specified in the query strings must be aggregated with the portlet render parameters
SPEC2_19	FwdThen Include Servlet Event	dispatch3	TRUE	In a servlet included by the target of a forward, if query string parameters have the same names as render parameter names, the query string parameters appear in the parameter values array before the render parameter values
SPEC2_19	FwdThen Include Servlet Event	invoke2	TRUE	In a servlet included by the target of a forward, parameters to the <code>include</code> method for a target servlet can be the request and response classes from the portlet lifecycle method initiating the include
SPEC2_19	FwdThen Include Servlet Event	invoke4	TRUE	In a servlet included by the target of a forward, the portlet container must invoke the target servlet in the same thread as the <code>PortletRequestDispatcher</code> include invocation
SPEC2_19	FwdThen Include Servlet Event	invoke7	TRUE	In a servlet included by the target of a forward, the path elements of the request object exposed to the target servlet must reflect the path used to obtain the <code>RequestDispatcher</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	FwdThen Include Servlet Event	attributes1	TRUE	In a servlet included by the target of a forward, the portlet request attribute <code>javax.servlet.include.request_uri</code> will be set, and equals the value from <code>HttpServletRequest.getRequestURI</code> for the first servlet in the include chain
SPEC2_19	FwdThen Include Servlet Event	attributes1a	TRUE	In a servlet included by the target of a forward, the servlet request attribute <code>javax.servlet.include.request_uri</code> will be set, and equals the value from <code>HttpServletRequest.getRequestURI</code> for the first servlet in the include chain
SPEC2_19	FwdThen Include Servlet Event	attributes1b	TRUE	In a servlet included by the target of a forward, the portlet request attribute <code>javax.servlet.forward.request_uri</code> will not be set
SPEC2_19	FwdThen Include Servlet Event	attributes1c	TRUE	In a servlet included by the target of a forward, the servlet request attribute <code>javax.servlet.forward.request_uri</code> will not be set
SPEC2_19	FwdThen Include Servlet Event	attributes2	TRUE	In a servlet included by the target of a forward, the portlet request attribute <code>javax.servlet.include.context_path</code> will be set, and equals the value from <code>HttpServletRequest.getContextPath</code> for the first servlet in the include chain
SPEC2_19	FwdThen Include Servlet Event	attributes2a	TRUE	In a servlet included by the target of a forward, the servlet request attribute <code>javax.servlet.include.context_path</code> will be set, and equals the value from <code>HttpServletRequest.getContextPath</code> for the first servlet in the include chain
SPEC2_19	FwdThen Include Servlet Event	attributes2b	TRUE	In a servlet included by the target of a forward, the portlet request attribute <code>javax.servlet.forward.context_path</code> will not be set
SPEC2_19	FwdThen Include Servlet Event	attributes2c	TRUE	In a servlet included by the target of a forward, the servlet request attribute <code>javax.servlet.forward.context_path</code> will not be set
SPEC2_19	FwdThen Include Servlet Event	attributes3	TRUE	In a servlet included by the target of a forward, the portlet request attribute <code>javax.servlet.include.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the include chain
SPEC2_19	FwdThen Include Servlet Event	attributes3a	TRUE	In a servlet included by the target of a forward, the servlet request attribute <code>javax.servlet.include.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the include chain
SPEC2_19	FwdThen Include Servlet Event	attributes3b	TRUE	In a servlet included by the target of a forward, the portlet request attribute <code>javax.servlet.forward.servlet_path</code> will not be set
SPEC2_19	FwdThen Include Servlet Event	attributes3c	TRUE	In a servlet included by the target of a forward, the servlet request attribute <code>javax.servlet.forward.servlet_path</code> will not be set
SPEC2_19	FwdThen Include Servlet Event	attributes4	TRUE	In a servlet included by the target of a forward, the portlet request attribute <code>javax.servlet.include.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the include chain

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	FwdThen Include Servlet Event	attributes4a	TRUE	In a servlet included by the target of a forward, the servlet request attribute <code>javax.servlet.include.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the include chain
SPEC2_19	FwdThen Include Servlet Event	attributes4b	TRUE	In a servlet included by the target of a forward, the portlet request attribute <code>javax.servlet.forward.path_info</code> will not be set
SPEC2_19	FwdThen Include Servlet Event	attributes4c	TRUE	In a servlet included by the target of a forward, the servlet request attribute <code>javax.servlet.forward.path_info</code> will not be set
SPEC2_19	FwdThen Include Servlet Event	attributes5	TRUE	In a servlet included by the target of a forward, the portlet request attribute <code>javax.servlet.include.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the include chain
SPEC2_19	FwdThen Include Servlet Event	attributes5a	TRUE	In a servlet included by the target of a forward, the servlet request attribute <code>javax.servlet.include.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the include chain
SPEC2_19	FwdThen Include Servlet Event	attributes5b	TRUE	In a servlet included by the target of a forward, the portlet request attribute <code>javax.servlet.forward.query_string</code> will not be set
SPEC2_19	FwdThen Include Servlet Event	attributes5c	TRUE	In a servlet included by the target of a forward, the servlet request attribute <code>javax.servlet.forward.query_string</code> will not be set
SPEC2_19	FwdThen Include Servlet Event	attributes6	TRUE	In a servlet included by the target of a forward, the request attribute <code>javax.portlet.config</code> must be set to the <code>javax.portlet.PortletConfig</code> object
SPEC2_19	FwdThen Include Servlet Event	attributes7	TRUE	In a servlet included by the target of a forward, for includes from the <code>processEvent</code> method, The request attribute <code>javax.portlet.request</code> must be set to the <code>javax.portlet.EventRequest</code> object
SPEC2_19	FwdThen Include Servlet Event	attributes8	TRUE	In a servlet included by the target of a forward, for includes from the <code>processEvent</code> method, The request attribute <code>javax.portlet.response</code> must be set to the <code>javax.portlet.EventResponse</code> object
SPEC2_19	FwdThen Include Servlet Render	dispatch1	TRUE	In a servlet included by the target of a forward, if the path provided to <code>getRequestDispatcher</code> method contains query strings, parameters specified in the query strings must be passed to the target servlet during a forward
SPEC2_19	FwdThen Include Servlet Render	dispatch2	TRUE	In a servlet included by the target of a forward, parameters specified in the query strings must be aggregated with the portlet render parameters
SPEC2_19	FwdThen Include Servlet Render	dispatch3	TRUE	In a servlet included by the target of a forward, if query string parameters have the same names as render parameter names, the query string parameters appear in the parameter values array before the render parameter values
SPEC2_19	FwdThen Include Servlet Render	invoke2	TRUE	In a servlet included by the target of a forward, parameters to the <code>include</code> method for a target servlet can be the request and response classes from the portlet lifecycle method initiating the include

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	FwdThen Include Servlet Render	invoke4	TRUE	In a servlet included by the target of a forward, the portlet container must invoke the target servlet in the same thread as the <code>PortletRequestDispatcher</code> include invocation
SPEC2_19	FwdThen Include Servlet Render	invoke7	TRUE	In a servlet included by the target of a forward, the path elements of the request object exposed to the target servlet must reflect the path used to obtain the <code>RequestDispatcher</code>
SPEC2_19	FwdThen Include Servlet Render	invoke9	TRUE	In a servlet included by the target of a forward, the included servlet must be handled as an HTTP GET request
SPEC2_19	FwdThen Include Servlet Render	attributes1	TRUE	In a servlet included by the target of a forward, the portlet request attribute <code>javax.servlet.include.request_uri</code> will be set, and equals the value from <code>HttpServletRequest.getRequestURI</code> for the first servlet in the include chain
SPEC2_19	FwdThen Include Servlet Render	attributes1a	TRUE	In a servlet included by the target of a forward, the servlet request attribute <code>javax.servlet.include.request_uri</code> will be set, and equals the value from <code>HttpServletRequest.getRequestURI</code> for the first servlet in the include chain
SPEC2_19	FwdThen Include Servlet Render	attributes1b	TRUE	In a servlet included by the target of a forward, the portlet request attribute <code>javax.servlet.forward.request_uri</code> will not be set
SPEC2_19	FwdThen Include Servlet Render	attributes1c	TRUE	In a servlet included by the target of a forward, the servlet request attribute <code>javax.servlet.forward.request_uri</code> will not be set
SPEC2_19	FwdThen Include Servlet Render	attributes2	TRUE	In a servlet included by the target of a forward, the portlet request attribute <code>javax.servlet.include.context_path</code> will be set, and equals the value from <code>HttpServletRequest.getContextPath</code> for the first servlet in the include chain
SPEC2_19	FwdThen Include Servlet Render	attributes2a	TRUE	In a servlet included by the target of a forward, the servlet request attribute <code>javax.servlet.include.context_path</code> will be set, and equals the value from <code>HttpServletRequest.getContextPath</code> for the first servlet in the include chain
SPEC2_19	FwdThen Include Servlet Render	attributes2b	TRUE	In a servlet included by the target of a forward, the portlet request attribute <code>javax.servlet.forward.context_path</code> will not be set
SPEC2_19	FwdThen Include Servlet Render	attributes2c	TRUE	In a servlet included by the target of a forward, the servlet request attribute <code>javax.servlet.forward.context_path</code> will not be set
SPEC2_19	FwdThen Include Servlet Render	attributes3	TRUE	In a servlet included by the target of a forward, the portlet request attribute <code>javax.servlet.include.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the include chain
SPEC2_19	FwdThen Include Servlet Render	attributes3a	TRUE	In a servlet included by the target of a forward, the servlet request attribute <code>javax.servlet.include.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the include chain

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	FwdThen Include Servlet Render	attributes3b	TRUE	In a servlet included by the target of a forward, the portlet request attribute <code>javax.servlet.forward.servlet_path</code> will not be set
SPEC2_19	FwdThen Include Servlet Render	attributes3c	TRUE	In a servlet included by the target of a forward, the servlet request attribute <code>javax.servlet.forward.servlet_path</code> will not be set
SPEC2_19	FwdThen Include Servlet Render	attributes4	TRUE	In a servlet included by the target of a forward, the portlet request attribute <code>javax.servlet.include.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the include chain
SPEC2_19	FwdThen Include Servlet Render	attributes4a	TRUE	In a servlet included by the target of a forward, the servlet request attribute <code>javax.servlet.include.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the include chain
SPEC2_19	FwdThen Include Servlet Render	attributes4b	TRUE	In a servlet included by the target of a forward, the portlet request attribute <code>javax.servlet.forward.path_info</code> will not be set
SPEC2_19	FwdThen Include Servlet Render	attributes4c	TRUE	In a servlet included by the target of a forward, the servlet request attribute <code>javax.servlet.forward.path_info</code> will not be set
SPEC2_19	FwdThen Include Servlet Render	attributes5	TRUE	In a servlet included by the target of a forward, the portlet request attribute <code>javax.servlet.include.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the include chain
SPEC2_19	FwdThen Include Servlet Render	attributes5a	TRUE	In a servlet included by the target of a forward, the servlet request attribute <code>javax.servlet.include.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the include chain
SPEC2_19	FwdThen Include Servlet Render	attributes5b	TRUE	In a servlet included by the target of a forward, the portlet request attribute <code>javax.servlet.forward.query_string</code> will not be set
SPEC2_19	FwdThen Include Servlet Render	attributes5c	TRUE	In a servlet included by the target of a forward, the servlet request attribute <code>javax.servlet.forward.query_string</code> will not be set
SPEC2_19	FwdThen Include Servlet Render	attributes6	TRUE	In a servlet included by the target of a forward, the request attribute <code>javax.portlet.config</code> must be set to the <code>javax.portlet.PortletConfig</code> object
SPEC2_19	FwdThen Include Servlet Render	attributes7	TRUE	In a servlet included by the target of a forward, for includes from the render method, The request attribute <code>javax.portlet.request</code> must be set to the <code>javax.portlet.RenderRequest</code> object
SPEC2_19	FwdThen Include Servlet Render	attributes8	TRUE	In a servlet included by the target of a forward, for includes from the render method, The request attribute <code>javax.portlet.response</code> must be set to the <code>javax.portlet.RenderResponse</code> object
SPEC2_19	FwdThen Include Servlet Resource	dispatch1	TRUE	In a servlet included by the target of a forward, if the path provided to <code>getRequestDispatcher</code> method contains query strings, parameters specified in the query strings must be passed to the target servlet during a forward
SPEC2_19	FwdThen Include Servlet Resource	dispatch2	TRUE	In a servlet included by the target of a forward, parameters specified in the query strings must be aggregated with the portlet render parameters

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	FwdThen Include Servlet Resource	dispatch3	TRUE	In a servlet included by the target of a forward, if query string parameters have the same names as render parameter names, the query string parameters appear in the parameter values array before the render parameter values
SPEC2_19	FwdThen Include Servlet Resource	invoke2	TRUE	In a servlet included by the target of a forward, parameters to the include method for a target servlet can be the request and response classes from the portlet lifecycle method initiating the include
SPEC2_19	FwdThen Include Servlet Resource	invoke4	TRUE	In a servlet included by the target of a forward, the portlet container must invoke the target servlet in the same thread as the PortletRequestDispatcher include invocation
SPEC2_19	FwdThen Include Servlet Resource	invoke7	TRUE	In a servlet included by the target of a forward, the path elements of the request object exposed to the target servlet must reflect the path used to obtain the RequestDispatcher
SPEC2_19	FwdThen Include Servlet Resource	invoke9	TRUE	In a servlet included by the target of a forward, the included servlet must be handled as an HTTP GET request
SPEC2_19	FwdThen Include Servlet Resource	attributes1	TRUE	In a servlet included by the target of a forward, the portlet request attribute javax.servlet.include.request_uri will be set, and equals the value from HttpServletRequest.getRequestURI for the first servlet in the include chain
SPEC2_19	FwdThen Include Servlet Resource	attributes1a	TRUE	In a servlet included by the target of a forward, the servlet request attribute javax.servlet.include.request_uri will be set, and equals the value from HttpServletRequest.getRequestURI for the first servlet in the include chain
SPEC2_19	FwdThen Include Servlet Resource	attributes1b	TRUE	In a servlet included by the target of a forward, the portlet request attribute javax.servlet.forward.request_uri will not be set
SPEC2_19	FwdThen Include Servlet Resource	attributes1c	TRUE	In a servlet included by the target of a forward, the servlet request attribute javax.servlet.forward.request_uri will not be set
SPEC2_19	FwdThen Include Servlet Resource	attributes2	TRUE	In a servlet included by the target of a forward, the portlet request attribute javax.servlet.include.context_path will be set, and equals the value from HttpServletRequest.getContextPath for the first servlet in the include chain
SPEC2_19	FwdThen Include Servlet Resource	attributes2a	TRUE	In a servlet included by the target of a forward, the servlet request attribute javax.servlet.include.context_path will be set, and equals the value from HttpServletRequest.getContextPath for the first servlet in the include chain
SPEC2_19	FwdThen Include Servlet Resource	attributes2b	TRUE	In a servlet included by the target of a forward, the portlet request attribute javax.servlet.forward.context_path will not be set
SPEC2_19	FwdThen Include Servlet Resource	attributes2c	TRUE	In a servlet included by the target of a forward, the servlet request attribute javax.servlet.forward.context_path will not be set

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	FwdThen Include Servlet Resource	attributes3	TRUE	In a servlet included by the target of a forward, the portlet request attribute <code>javax.servlet.include.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the include chain
SPEC2_19	FwdThen Include Servlet Resource	attributes3a	TRUE	In a servlet included by the target of a forward, the servlet request attribute <code>javax.servlet.include.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the include chain
SPEC2_19	FwdThen Include Servlet Resource	attributes3b	TRUE	In a servlet included by the target of a forward, the portlet request attribute <code>javax.servlet.forward.servlet_path</code> will not be set
SPEC2_19	FwdThen Include Servlet Resource	attributes3c	TRUE	In a servlet included by the target of a forward, the servlet request attribute <code>javax.servlet.forward.servlet_path</code> will not be set
SPEC2_19	FwdThen Include Servlet Resource	attributes4	TRUE	In a servlet included by the target of a forward, the portlet request attribute <code>javax.servlet.include.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the include chain
SPEC2_19	FwdThen Include Servlet Resource	attributes4a	TRUE	In a servlet included by the target of a forward, the servlet request attribute <code>javax.servlet.include.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the include chain
SPEC2_19	FwdThen Include Servlet Resource	attributes4b	TRUE	In a servlet included by the target of a forward, the portlet request attribute <code>javax.servlet.forward.path_info</code> will not be set
SPEC2_19	FwdThen Include Servlet Resource	attributes4c	TRUE	In a servlet included by the target of a forward, the servlet request attribute <code>javax.servlet.forward.path_info</code> will not be set
SPEC2_19	FwdThen Include Servlet Resource	attributes5	TRUE	In a servlet included by the target of a forward, the portlet request attribute <code>javax.servlet.include.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the include chain
SPEC2_19	FwdThen Include Servlet Resource	attributes5a	TRUE	In a servlet included by the target of a forward, the servlet request attribute <code>javax.servlet.include.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the include chain
SPEC2_19	FwdThen Include Servlet Resource	attributes5b	TRUE	In a servlet included by the target of a forward, the portlet request attribute <code>javax.servlet.forward.query_string</code> will not be set
SPEC2_19	FwdThen Include Servlet Resource	attributes5c	TRUE	In a servlet included by the target of a forward, the servlet request attribute <code>javax.servlet.forward.query_string</code> will not be set
SPEC2_19	FwdThen Include Servlet Resource	attributes6	TRUE	In a servlet included by the target of a forward, the request attribute <code>javax.portlet.config</code> must be set to the <code>javax.portlet.PortletConfig</code> object
SPEC2_19	FwdThen Include Servlet Resource	attributes7	TRUE	In a servlet included by the target of a forward, for includes from the <code>serveResource</code> method, The request attribute <code>javax.portlet.request</code> must be set to the <code>javax.portlet.ResourceRequest</code> object

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	FwdThen Include Servlet Resource	attributes8	TRUE	In a servlet included by the target of a forward, for includes from the <code>serveResource</code> method, The request attribute <code>javax.portlet.response</code> must be set to the <code>javax.portlet.ResourceResponse</code> object
SPEC2_19	FwdThen Forward Servlet Action	dispatch1	TRUE	In a servlet forwarded to by the target of a forward, if the path provided to <code>getRequestDispatcher</code> method contains query strings, parameters specified in the query strings must be passed to the target servlet during an forward
SPEC2_19	FwdThen Forward Servlet Action	dispatch2	TRUE	In a servlet forwarded to by the target of a forward, parameters specified in the query strings must be aggregated with the portlet render parameters
SPEC2_19	FwdThen Forward Servlet Action	dispatch3	TRUE	In a servlet forwarded to by the target of a forward, if query string parameters have the same names as render parameter names, the query string parameters appear in the parameter values array before the render parameter values
SPEC2_19	FwdThen Forward Servlet Action	invoke2	TRUE	In a servlet forwarded to by the target of a forward, parameters to the <code>forward</code> method for a target servlet can be the request and response classes from the <code>portlet lifecycle</code> method initiating the include
SPEC2_19	FwdThen Forward Servlet Action	invoke4	TRUE	In a servlet forwarded to by the target of a forward, the portlet container must invoke the target servlet in the same thread as the <code>PortletRequestDispatcher</code> include invocation
SPEC2_19	FwdThen Forward Servlet Action	invoke7	TRUE	In a servlet forwarded to by the target of a forward, the path elements of the request object exposed to the target servlet must reflect the path used to obtain the <code>RequestDispatcher</code>
SPEC2_19	FwdThen Forward Servlet Action	attributes1	TRUE	In a servlet forwarded to by the target of a forward, the portlet request attribute <code>javax.servlet.forward.request_uri</code> will be set, and equals the value from <code>HttpServletRequest.getRequestURI</code> for the first servlet in the forward chain
SPEC2_19	FwdThen Forward Servlet Action	attributes1a	TRUE	In a servlet forwarded to by the target of a forward, the servlet request attribute <code>javax.servlet.forward.request_uri</code> will be set, and equals the value from <code>HttpServletRequest.getRequestURI</code> for the first servlet in the forward chain
SPEC2_19	FwdThen Forward Servlet Action	attributes1b	TRUE	In a servlet forwarded to by the target of a forward, the portlet request attribute <code>javax.servlet.include.request_uri</code> will not be set
SPEC2_19	FwdThen Forward Servlet Action	attributes1c	TRUE	In a servlet forwarded to by the target of a forward, the servlet request attribute <code>javax.servlet.include.request_uri</code> will not be set
SPEC2_19	FwdThen Forward Servlet Action	attributes2	TRUE	In a servlet forwarded to by the target of a forward, the portlet request attribute <code>javax.servlet.forward.context_path</code> will be set, and equals the value from <code>HttpServletRequest.getContextPath</code> for the first servlet in the forward chain
SPEC2_19	FwdThen Forward Servlet Action	attributes2a	TRUE	In a servlet forwarded to by the target of a forward, the servlet request attribute <code>javax.servlet.forward.context_path</code> will be set, and equals the value from <code>HttpServletRequest.getContextPath</code> for the first servlet in the forward chain

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	FwdThen Forward Servlet Action	attributes2b	TRUE	In a servlet forwarded to by the target of a forward, the portlet request attribute <code>javax.servlet.include.context_path</code> will not be set
SPEC2_19	FwdThen Forward Servlet Action	attributes2c	TRUE	In a servlet forwarded to by the target of a forward, the servlet request attribute <code>javax.servlet.include.context_path</code> will not be set
SPEC2_19	FwdThen Forward Servlet Action	attributes3	TRUE	In a servlet forwarded to by the target of a forward, the portlet request attribute <code>javax.servlet.forward.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the forward chain
SPEC2_19	FwdThen Forward Servlet Action	attributes3a	TRUE	In a servlet forwarded to by the target of a forward, the servlet request attribute <code>javax.servlet.forward.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the forward chain
SPEC2_19	FwdThen Forward Servlet Action	attributes3b	TRUE	In a servlet forwarded to by the target of a forward, the portlet request attribute <code>javax.servlet.include.servlet_path</code> will not be set
SPEC2_19	FwdThen Forward Servlet Action	attributes3c	TRUE	In a servlet forwarded to by the target of a forward, the servlet request attribute <code>javax.servlet.include.servlet_path</code> will not be set
SPEC2_19	FwdThen Forward Servlet Action	attributes4	TRUE	In a servlet forwarded to by the target of a forward, the portlet request attribute <code>javax.servlet.forward.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the forward chain
SPEC2_19	FwdThen Forward Servlet Action	attributes4a	TRUE	In a servlet forwarded to by the target of a forward, the servlet request attribute <code>javax.servlet.forward.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the forward chain
SPEC2_19	FwdThen Forward Servlet Action	attributes4b	TRUE	In a servlet forwarded to by the target of a forward, the portlet request attribute <code>javax.servlet.include.path_info</code> will not be set
SPEC2_19	FwdThen Forward Servlet Action	attributes4c	TRUE	In a servlet forwarded to by the target of a forward, the servlet request attribute <code>javax.servlet.include.path_info</code> will not be set
SPEC2_19	FwdThen Forward Servlet Action	attributes5	TRUE	In a servlet forwarded to by the target of a forward, the portlet request attribute <code>javax.servlet.forward.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the forward chain
SPEC2_19	FwdThen Forward Servlet Action	attributes5a	TRUE	In a servlet forwarded to by the target of a forward, the servlet request attribute <code>javax.servlet.forward.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the forward chain
SPEC2_19	FwdThen Forward Servlet Action	attributes5b	TRUE	In a servlet forwarded to by the target of a forward, the portlet request attribute <code>javax.servlet.include.query_string</code> will not be set
SPEC2_19	FwdThen Forward Servlet Action	attributes5c	TRUE	In a servlet forwarded to by the target of a forward, the servlet request attribute <code>javax.servlet.include.query_string</code> will not be set

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	FwdThen Forward Servlet Action	attributes6	TRUE	In a servlet forwarded to by the target of a forward, the request attribute <code>javax.portlet.config</code> must be set to the <code>javax.portlet.PortletConfig</code> object
SPEC2_19	FwdThen Forward Servlet Action	attributes7	TRUE	In a servlet forwarded to by the target of a forward, for forwards from the <code>processAction</code> method, The request attribute <code>javax.portlet.request</code> must be set to the <code>javax.portlet.ActionRequest</code> object
SPEC2_19	FwdThen Forward Servlet Action	attributes8	TRUE	In a servlet forwarded to by the target of a forward, for forwards from the <code>processAction</code> method, The request attribute <code>javax.portlet.response</code> must be set to the <code>javax.portlet.ActionResponse</code> object
SPEC2_19	FwdThen Forward Servlet Event	dispatch1	TRUE	In a servlet forwarded to by the target of a forward, if the path provided to <code>getRequestDispatcher</code> method contains query strings, parameters specified in the query strings must be passed to the target servlet during an forward
SPEC2_19	FwdThen Forward Servlet Event	dispatch2	TRUE	In a servlet forwarded to by the target of a forward, parameters specified in the query strings must be aggregated with the portlet render parameters
SPEC2_19	FwdThen Forward Servlet Event	dispatch3	TRUE	In a servlet forwarded to by the target of a forward, if query string parameters have the same names as render parameter names, the query string parameters appear in the parameter values array before the render parameter values
SPEC2_19	FwdThen Forward Servlet Event	invoke2	TRUE	In a servlet forwarded to by the target of a forward, parameters to the forward method for a target servlet can be the request and response classes from the portlet lifecycle method initiating the include
SPEC2_19	FwdThen Forward Servlet Event	invoke4	TRUE	In a servlet forwarded to by the target of a forward, the portlet container must invoke the target servlet in the same thread as the <code>PortletRequestDispatcher</code> include invocation
SPEC2_19	FwdThen Forward Servlet Event	invoke7	TRUE	In a servlet forwarded to by the target of a forward, the path elements of the request object exposed to the target servlet must reflect the path used to obtain the <code>RequestDispatcher</code>
SPEC2_19	FwdThen Forward Servlet Event	attributes1	TRUE	In a servlet forwarded to by the target of a forward, the portlet request attribute <code>javax.servlet.forward.request_uri</code> will be set, and equals the value from <code>HttpServletRequest.getRequestURI</code> for the first servlet in the forward chain
SPEC2_19	FwdThen Forward Servlet Event	attributes1a	TRUE	In a servlet forwarded to by the target of a forward, the servlet request attribute <code>javax.servlet.forward.request_uri</code> will be set, and equals the value from <code>HttpServletRequest.getRequestURI</code> for the first servlet in the forward chain
SPEC2_19	FwdThen Forward Servlet Event	attributes1b	TRUE	In a servlet forwarded to by the target of a forward, the portlet request attribute <code>javax.servlet.include.request_uri</code> will not be set
SPEC2_19	FwdThen Forward Servlet Event	attributes1c	TRUE	In a servlet forwarded to by the target of a forward, the servlet request attribute <code>javax.servlet.include.request_uri</code> will not be set

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	FwdThen Forward Servlet Event	attributes2	TRUE	In a servlet forwarded to by the target of a forward, the portlet request attribute <code>javax.servlet.forward.context_path</code> will be set, and equals the value from <code>HttpServletRequest.getContextPath</code> for the first servlet in the forward chain
SPEC2_19	FwdThen Forward Servlet Event	attributes2a	TRUE	In a servlet forwarded to by the target of a forward, the servlet request attribute <code>javax.servlet.forward.context_path</code> will be set, and equals the value from <code>HttpServletRequest.getContextPath</code> for the first servlet in the forward chain
SPEC2_19	FwdThen Forward Servlet Event	attributes2b	TRUE	In a servlet forwarded to by the target of a forward, the portlet request attribute <code>javax.servlet.include.context_path</code> will not be set
SPEC2_19	FwdThen Forward Servlet Event	attributes2c	TRUE	In a servlet forwarded to by the target of a forward, the servlet request attribute <code>javax.servlet.include.context_path</code> will not be set
SPEC2_19	FwdThen Forward Servlet Event	attributes3	TRUE	In a servlet forwarded to by the target of a forward, the portlet request attribute <code>javax.servlet.forward.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the forward chain
SPEC2_19	FwdThen Forward Servlet Event	attributes3a	TRUE	In a servlet forwarded to by the target of a forward, the servlet request attribute <code>javax.servlet.forward.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the forward chain
SPEC2_19	FwdThen Forward Servlet Event	attributes3b	TRUE	In a servlet forwarded to by the target of a forward, the portlet request attribute <code>javax.servlet.include.servlet_path</code> will not be set
SPEC2_19	FwdThen Forward Servlet Event	attributes3c	TRUE	In a servlet forwarded to by the target of a forward, the servlet request attribute <code>javax.servlet.include.servlet_path</code> will not be set
SPEC2_19	FwdThen Forward Servlet Event	attributes4	TRUE	In a servlet forwarded to by the target of a forward, the portlet request attribute <code>javax.servlet.forward.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the forward chain
SPEC2_19	FwdThen Forward Servlet Event	attributes4a	TRUE	In a servlet forwarded to by the target of a forward, the servlet request attribute <code>javax.servlet.forward.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the forward chain
SPEC2_19	FwdThen Forward Servlet Event	attributes4b	TRUE	In a servlet forwarded to by the target of a forward, the portlet request attribute <code>javax.servlet.include.path_info</code> will not be set
SPEC2_19	FwdThen Forward Servlet Event	attributes4c	TRUE	In a servlet forwarded to by the target of a forward, the servlet request attribute <code>javax.servlet.include.path_info</code> will not be set
SPEC2_19	FwdThen Forward Servlet Event	attributes5	TRUE	In a servlet forwarded to by the target of a forward, the portlet request attribute <code>javax.servlet.forward.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the forward chain

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	FwdThen Forward Servlet Event	attributes5a	TRUE	In a servlet forwarded to by the target of a forward, the servlet request attribute <code>javax.servlet.forward.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the forward chain
SPEC2_19	FwdThen Forward Servlet Event	attributes5b	TRUE	In a servlet forwarded to by the target of a forward, the portlet request attribute <code>javax.servlet.include.query_string</code> will not be set
SPEC2_19	FwdThen Forward Servlet Event	attributes5c	TRUE	In a servlet forwarded to by the target of a forward, the servlet request attribute <code>javax.servlet.include.query_string</code> will not be set
SPEC2_19	FwdThen Forward Servlet Event	attributes6	TRUE	In a servlet forwarded to by the target of a forward, the request attribute <code>javax.portlet.config</code> must be set to the <code>javax.portlet.PortletConfig</code> object
SPEC2_19	FwdThen Forward Servlet Event	attributes7	TRUE	In a servlet forwarded to by the target of a forward, for forwards from the <code>processEvent</code> method, The request attribute <code>javax.portlet.request</code> must be set to the <code>javax.portlet.EventRequest</code> object
SPEC2_19	FwdThen Forward Servlet Event	attributes8	TRUE	In a servlet forwarded to by the target of a forward, for forwards from the <code>processEvent</code> method, The request attribute <code>javax.portlet.response</code> must be set to the <code>javax.portlet.EventResponse</code> object
SPEC2_19	FwdThen Forward Servlet Render	dispatch1	TRUE	In a servlet forwarded to by the target of a forward, if the path provided to <code>getRequestDispatcher</code> method contains query strings, parameters specified in the query strings must be passed to the target servlet during an forward
SPEC2_19	FwdThen Forward Servlet Render	dispatch2	TRUE	In a servlet forwarded to by the target of a forward, parameters specified in the query strings must be aggregated with the portlet render parameters
SPEC2_19	FwdThen Forward Servlet Render	dispatch3	TRUE	In a servlet forwarded to by the target of a forward, if query string parameters have the same names as render parameter names, the query string parameters appear in the parameter values array before the render parameter values
SPEC2_19	FwdThen Forward Servlet Render	invoke2	TRUE	In a servlet forwarded to by the target of a forward, parameters to the forward method for a target servlet can be the request and response classes from the portlet lifecycle method initiating the include
SPEC2_19	FwdThen Forward Servlet Render	invoke4	TRUE	In a servlet forwarded to by the target of a forward, the portlet container must invoke the target servlet in the same thread as the <code>PortletRequestDispatcher</code> include invocation
SPEC2_19	FwdThen Forward Servlet Render	invoke7	TRUE	In a servlet forwarded to by the target of a forward, the path elements of the request object exposed to the target servlet must reflect the path used to obtain the <code>RequestDispatcher</code>
SPEC2_19	FwdThen Forward Servlet Render	attributes1	TRUE	In a servlet forwarded to by the target of a forward, the portlet request attribute <code>javax.servlet.forward.request_uri</code> will be set, and equals the value from <code>HttpServletRequest.getRequestURI</code> for the first servlet in the forward chain

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	FwdThen Forward Servlet Render	attributes1a	TRUE	In a servlet forwarded to by the target of a forward, the servlet request attribute <code>javax.servlet.forward.request_uri</code> will be set, and equals the value from <code>HttpServletRequest.getRequestURI</code> for the first servlet in the forward chain
SPEC2_19	FwdThen Forward Servlet Render	attributes1b	TRUE	In a servlet forwarded to by the target of a forward, the portlet request attribute <code>javax.servlet.include.request_uri</code> will not be set
SPEC2_19	FwdThen Forward Servlet Render	attributes1c	TRUE	In a servlet forwarded to by the target of a forward, the servlet request attribute <code>javax.servlet.include.request_uri</code> will not be set
SPEC2_19	FwdThen Forward Servlet Render	attributes2	TRUE	In a servlet forwarded to by the target of a forward, the portlet request attribute <code>javax.servlet.forward.context_path</code> will be set, and equals the value from <code>HttpServletRequest.getContextPath</code> for the first servlet in the forward chain
SPEC2_19	FwdThen Forward Servlet Render	attributes2a	TRUE	In a servlet forwarded to by the target of a forward, the servlet request attribute <code>javax.servlet.forward.context_path</code> will be set, and equals the value from <code>HttpServletRequest.getContextPath</code> for the first servlet in the forward chain
SPEC2_19	FwdThen Forward Servlet Render	attributes2b	TRUE	In a servlet forwarded to by the target of a forward, the portlet request attribute <code>javax.servlet.include.context_path</code> will not be set
SPEC2_19	FwdThen Forward Servlet Render	attributes2c	TRUE	In a servlet forwarded to by the target of a forward, the servlet request attribute <code>javax.servlet.include.context_path</code> will not be set
SPEC2_19	FwdThen Forward Servlet Render	attributes3	TRUE	In a servlet forwarded to by the target of a forward, the portlet request attribute <code>javax.servlet.forward.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the forward chain
SPEC2_19	FwdThen Forward Servlet Render	attributes3a	TRUE	In a servlet forwarded to by the target of a forward, the servlet request attribute <code>javax.servlet.forward.servlet_path</code> will be set, and equals the value from <code>HttpServletRequest.getServletPath</code> for the first servlet in the forward chain
SPEC2_19	FwdThen Forward Servlet Render	attributes3b	TRUE	In a servlet forwarded to by the target of a forward, the portlet request attribute <code>javax.servlet.include.servlet_path</code> will not be set
SPEC2_19	FwdThen Forward Servlet Render	attributes3c	TRUE	In a servlet forwarded to by the target of a forward, the servlet request attribute <code>javax.servlet.include.servlet_path</code> will not be set
SPEC2_19	FwdThen Forward Servlet Render	attributes4	TRUE	In a servlet forwarded to by the target of a forward, the portlet request attribute <code>javax.servlet.forward.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the forward chain
SPEC2_19	FwdThen Forward Servlet Render	attributes4a	TRUE	In a servlet forwarded to by the target of a forward, the servlet request attribute <code>javax.servlet.forward.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the forward chain

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	FwdThen Forward Servlet Render	attributes4b	TRUE	In a servlet forwarded to by the target of a forward, the portlet request attribute <code>javax.servlet.include.path_info</code> will not be set
SPEC2_19	FwdThen Forward Servlet Render	attributes4c	TRUE	In a servlet forwarded to by the target of a forward, the servlet request attribute <code>javax.servlet.include.path_info</code> will not be set
SPEC2_19	FwdThen Forward Servlet Render	attributes5	TRUE	In a servlet forwarded to by the target of a forward, the portlet request attribute <code>javax.servlet.forward.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the forward chain
SPEC2_19	FwdThen Forward Servlet Render	attributes5a	TRUE	In a servlet forwarded to by the target of a forward, the servlet request attribute <code>javax.servlet.forward.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the forward chain
SPEC2_19	FwdThen Forward Servlet Render	attributes5b	TRUE	In a servlet forwarded to by the target of a forward, the portlet request attribute <code>javax.servlet.include.query_string</code> will not be set
SPEC2_19	FwdThen Forward Servlet Render	attributes5c	TRUE	In a servlet forwarded to by the target of a forward, the servlet request attribute <code>javax.servlet.include.query_string</code> will not be set
SPEC2_19	FwdThen Forward Servlet Render	attributes6	TRUE	In a servlet forwarded to by the target of a forward, the request attribute <code>javax.portlet.config</code> must be set to the <code>javax.portlet.PortletConfig</code> object
SPEC2_19	FwdThen Forward Servlet Render	attributes7	TRUE	In a servlet forwarded to by the target of a forward, for forwards from the render method, The request attribute <code>javax.portlet.request</code> must be set to the <code>javax.portlet.RenderRequest</code> object
SPEC2_19	FwdThen Forward Servlet Render	attributes8	TRUE	In a servlet forwarded to by the target of a forward, for forwards from the render method, The request attribute <code>javax.portlet.response</code> must be set to the <code>javax.portlet.RenderResponse</code> object
SPEC2_19	FwdThen Forward Servlet Resource	dispatch1	TRUE	In a servlet forwarded to by the target of a forward, if the path provided to <code>getRequestDispatcher</code> method contains query strings, parameters specified in the query strings must be passed to the target servlet during an forward
SPEC2_19	FwdThen Forward Servlet Resource	dispatch2	TRUE	In a servlet forwarded to by the target of a forward, parameters specified in the query strings must be aggregated with the portlet render parameters
SPEC2_19	FwdThen Forward Servlet Resource	dispatch3	TRUE	In a servlet forwarded to by the target of a forward, if query string parameters have the same names as render parameter names, the query string parameters appear in the parameter values array before the render parameter values
SPEC2_19	FwdThen Forward Servlet Resource	invoke2	TRUE	In a servlet forwarded to by the target of a forward, parameters to the forward method for a target servlet can be the request and response classes from the portlet lifecycle method initiating the include
SPEC2_19	FwdThen Forward Servlet Resource	invoke4	TRUE	In a servlet forwarded to by the target of a forward, the portlet container must invoke the target servlet in the same thread as the <code>PortletRequestDispatcher</code> include invocation

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	FwdThen Forward Servlet Resource	invoke7	TRUE	In a servlet forwarded to by the target of a forward, the path elements of the request object exposed to the target servlet must reflect the path used to obtain the RequestDispatcher
SPEC2_19	FwdThen Forward Servlet Resource	attributes1	TRUE	In a servlet forwarded to by the target of a forward, the portlet request attribute javax.servlet.forward.request_uri will be set, and equals the value from HttpServletRequest.getRequestURI for the first servlet in the forward chain
SPEC2_19	FwdThen Forward Servlet Resource	attributes1a	TRUE	In a servlet forwarded to by the target of a forward, the servlet request attribute javax.servlet.forward.request_uri will be set, and equals the value from HttpServletRequest.getRequestURI for the first servlet in the forward chain
SPEC2_19	FwdThen Forward Servlet Resource	attributes1b	TRUE	In a servlet forwarded to by the target of a forward, the portlet request attribute javax.servlet.include.request_uri will not be set
SPEC2_19	FwdThen Forward Servlet Resource	attributes1c	TRUE	In a servlet forwarded to by the target of a forward, the servlet request attribute javax.servlet.include.request_uri will not be set
SPEC2_19	FwdThen Forward Servlet Resource	attributes2	TRUE	In a servlet forwarded to by the target of a forward, the portlet request attribute javax.servlet.forward.context_path will be set, and equals the value from HttpServletRequest.getContextPath for the first servlet in the forward chain
SPEC2_19	FwdThen Forward Servlet Resource	attributes2a	TRUE	In a servlet forwarded to by the target of a forward, the servlet request attribute javax.servlet.forward.context_path will be set, and equals the value from HttpServletRequest.getContextPath for the first servlet in the forward chain
SPEC2_19	FwdThen Forward Servlet Resource	attributes2b	TRUE	In a servlet forwarded to by the target of a forward, the portlet request attribute javax.servlet.include.context_path will not be set
SPEC2_19	FwdThen Forward Servlet Resource	attributes2c	TRUE	In a servlet forwarded to by the target of a forward, the servlet request attribute javax.servlet.include.context_path will not be set
SPEC2_19	FwdThen Forward Servlet Resource	attributes3	TRUE	In a servlet forwarded to by the target of a forward, the portlet request attribute javax.servlet.forward.servlet_path will be set, and equals the value from HttpServletRequest.getServletPath for the first servlet in the forward chain
SPEC2_19	FwdThen Forward Servlet Resource	attributes3a	TRUE	In a servlet forwarded to by the target of a forward, the servlet request attribute javax.servlet.forward.servlet_path will be set, and equals the value from HttpServletRequest.getServletPath for the first servlet in the forward chain
SPEC2_19	FwdThen Forward Servlet Resource	attributes3b	TRUE	In a servlet forwarded to by the target of a forward, the portlet request attribute javax.servlet.include.servlet_path will not be set
SPEC2_19	FwdThen Forward Servlet Resource	attributes3c	TRUE	In a servlet forwarded to by the target of a forward, the servlet request attribute javax.servlet.include.servlet_path will not be set

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	FwdThen Forward Servlet Resource	attributes4	TRUE	In a servlet forwarded to by the target of a forward, the portlet request attribute <code>javax.servlet.forward.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the forward chain
SPEC2_19	FwdThen Forward Servlet Resource	attributes4a	TRUE	In a servlet forwarded to by the target of a forward, the servlet request attribute <code>javax.servlet.forward.path_info</code> will be set, and equals the value from <code>HttpServletRequest.getPathInfo</code> for the first servlet in the forward chain
SPEC2_19	FwdThen Forward Servlet Resource	attributes4b	TRUE	In a servlet forwarded to by the target of a forward, the portlet request attribute <code>javax.servlet.include.path_info</code> will not be set
SPEC2_19	FwdThen Forward Servlet Resource	attributes4c	TRUE	In a servlet forwarded to by the target of a forward, the servlet request attribute <code>javax.servlet.include.path_info</code> will not be set
SPEC2_19	FwdThen Forward Servlet Resource	attributes5	TRUE	In a servlet forwarded to by the target of a forward, the portlet request attribute <code>javax.servlet.forward.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the forward chain
SPEC2_19	FwdThen Forward Servlet Resource	attributes5a	TRUE	In a servlet forwarded to by the target of a forward, the servlet request attribute <code>javax.servlet.forward.query_string</code> will be set, and equals the value from <code>HttpServletRequest.getQueryString</code> for the first servlet in the forward chain
SPEC2_19	FwdThen Forward Servlet Resource	attributes5b	TRUE	In a servlet forwarded to by the target of a forward, the portlet request attribute <code>javax.servlet.include.query_string</code> will not be set
SPEC2_19	FwdThen Forward Servlet Resource	attributes5c	TRUE	In a servlet forwarded to by the target of a forward, the servlet request attribute <code>javax.servlet.include.query_string</code> will not be set
SPEC2_19	FwdThen Forward Servlet Resource	attributes6	TRUE	In a servlet forwarded to by the target of a forward, the request attribute <code>javax.portlet.config</code> must be set to the <code>javax.portlet.PortletConfig</code> object
SPEC2_19	FwdThen Forward Servlet Resource	attributes7	TRUE	In a servlet forwarded to by the target of a forward, for forwards from the <code>serveResource</code> method, The request attribute <code>javax.portlet.request</code> must be set to the <code>javax.portlet.ResourceRequest</code> object
SPEC2_19	FwdThen Forward Servlet Resource	attributes8	TRUE	In a servlet forwarded to by the target of a forward, for forwards from the <code>serveResource</code> method, The request attribute <code>javax.portlet.response</code> must be set to the <code>javax.portlet.ResourceResponse</code> object

### 3.1.2 Portlet Request Dispatcher Assertions (2)

The tests in this section were derived from the JSR 286 Specification chapter PLT.19 “Dispatching Requests to Servlets and JSPs”.

Class / Section	Keywords	Name	Testable	Description
<b>Dispatcher ReqResp Tests 1</b>				
SPEC2_19	Forward JSP Action Request	getAttribute	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.getAttribute</code> must provide the same functionality as <code>ActionRequest.getAttribute</code>
SPEC2_19	Forward JSP Action Request	getAttributeNames	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.getAttributeNames</code> must provide the same functionality as <code>ActionRequest.getAttributeNames</code>
SPEC2_19	Forward JSP Action Request	getAuthType	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.getAuthType</code> must provide the same functionality as <code>ActionRequest.getAuthType</code>
SPEC2_19	Forward JSP Action Request	getCharacterEncoding	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.getCharacterEncoding</code> must provide the same functionality as <code>ActionRequest.getCharacterEncoding</code>
SPEC2_19	Forward JSP Action Request	getContentLength	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.getContentLength</code> must provide the same functionality as <code>ActionRequest.getContentLength</code>
SPEC2_19	Forward JSP Action Request	getContentType	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.getContentType</code> must provide the same functionality as <code>ActionRequest.getContentType</code>
SPEC2_19	Forward JSP Action Request	getContextPath	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.getContextPath</code> must provide the same functionality as <code>ActionRequest.getContextPath</code>
SPEC2_19	Forward JSP Action Request	getCookies	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.getCookies</code> must provide the same functionality as <code>ActionRequest.getCookies</code>
SPEC2_19	Forward JSP Action Request	getDateHeader	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.getDateHeader</code> must return a value corresponding to that returned by <code>ActionRequest.getProperty</code> for the corresponding header name
SPEC2_19	Forward JSP Action Request	getHeader	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.getHeader</code> must return a value corresponding to that returned by <code>ActionRequest.getProperty</code> for the corresponding header name
SPEC2_19	Forward JSP Action Request	getHeaderNames	TRUE	In a target jsp of a forward in the Action phase, the Enumeration returned by <code>HttpServletRequest.getHeaderNames</code> must be contained in the Enumeration returned by <code>ActionRequest.getPropertyNames</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward JSP Action Request	getHeaders	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.getHeaders</code> must return a value corresponding to that returned by <code>ActionRequest.getProperties</code> for the corresponding header name
SPEC2_19	Forward JSP Action Request	getIntHeader	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.getIntHeader</code> must return a value corresponding to that returned by <code>ActionRequest.getProperty</code> for the corresponding header name
SPEC2_19	Forward JSP Action Request	getLocalAddr	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.getLocalAddr</code> must return null
SPEC2_19	Forward JSP Action Request	getLocalName	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.getLocalName</code> must return null
SPEC2_19	Forward JSP Action Request	getLocalPort	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.getLocalPort</code> must return 0
SPEC2_19	Forward JSP Action Request	getLocale	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.getLocale</code> must provide the same functionality as <code>ActionRequest.getLocale</code>
SPEC2_19	Forward JSP Action Request	getLocales	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.getLocales</code> must provide the same functionality as <code>ActionRequest.getLocales</code>
SPEC2_19	Forward JSP Action Request	getMethod	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.getMethod</code> must provide the same functionality as <code>ActionRequest.getMethod</code>
SPEC2_19	Forward JSP Action Request	getParameter	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.getParameter</code> must provide the same functionality as <code>ActionRequest.getParameter</code>
SPEC2_19	Forward JSP Action Request	getParameterMap	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.getParameterMap</code> must provide the same functionality as <code>ActionRequest.getParameterMap</code>
SPEC2_19	Forward JSP Action Request	getParameterNames	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.getParameterNames</code> must provide the same functionality as <code>ActionRequest.getParameterNames</code>
SPEC2_19	Forward JSP Action Request	getParameterValues	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.getParameterValues</code> must provide the same functionality as <code>ActionRequest.getParameterValues</code>
SPEC2_19	Forward JSP Action Request	getPathInfo	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.getPathInfo</code> must a value corresponding to the path used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Forward JSP Action Request	getPathTranslated	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.getPathTranslated</code> must a value corresponding to the path used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Forward JSP Action Request	getProtocol	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.getProtocol</code> must return "HTTP/1.1"

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward JSP Action Request	getQueryString	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.getQueryString</code> must a value corresponding to the query string information used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Forward JSP Action Request	getRealPath	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.getRealPath</code> must return null
SPEC2_19	Forward JSP Action Request	getRemoteAddr	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.getRemoteAddr</code> must return null
SPEC2_19	Forward JSP Action Request	getRemoteHost	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.getRemoteHost</code> must return null
SPEC2_19	Forward JSP Action Request	getRemotePort	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.getRemotePort</code> must return 0
SPEC2_19	Forward JSP Action Request	getRemoteUser	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.getRemoteUser</code> must provide the same functionality as <code>ActionRequest.getRemoteUser</code>
SPEC2_19	Forward JSP Action Request	getRequestDispatcher	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.getRequestDispatcher</code> must provide functionality as defined in the servlet specification
SPEC2_19	Forward JSP Action Request	getRequestURI	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.getRequestURI</code> must a value corresponding to the path and query string information used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Forward JSP Action Request	getRequestURL	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.getRequestURL</code> must return null
SPEC2_19	Forward JSP Action Request	getRequestedSessionId	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.getRequestedSessionId</code> must provide the same functionality as <code>ActionRequest.getRequestedSessionId</code>
SPEC2_19	Forward JSP Action Request	getScheme	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.getScheme</code> must provide the same functionality as <code>ActionRequest.getScheme</code>
SPEC2_19	Forward JSP Action Request	getServerName	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.getServerName</code> must provide the same functionality as <code>ActionRequest.getServerName</code>
SPEC2_19	Forward JSP Action Request	getServerPort	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.getServerPort</code> must provide the same functionality as <code>ActionRequest.getServerPort</code>
SPEC2_19	Forward JSP Action Request	getServletPath	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.getServletPath</code> must a value corresponding to the path used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Forward JSP Action Request	getSession	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.getSession</code> must provide the same functionality as <code>ActionRequest.getPortletSession(APPLICATION_SCOPE)</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward JSP Action Request	getUserPrincipal	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.getUserPrincipal</code> must provide the same functionality as <code>ActionRequest.getUserPrincipal</code>
SPEC2_19	Forward JSP Action Request	isRequestedSessionIdValid	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.isRequestedSessionIdValid</code> must provide the same functionality as <code>ActionRequest.isRequestedSessionIdValid</code>
SPEC2_19	Forward JSP Action Request	isSecure	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.isSecure</code> must provide the same functionality as <code>ActionRequest.isSecure</code>
SPEC2_19	Forward JSP Action Request	isUserInRole	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.isUserInRole</code> must provide the same functionality as <code>ActionRequest.isUserInRole</code>
SPEC2_19	Forward JSP Action Request	removeAttribute	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.removeAttribute</code> must provide the same functionality as <code>ActionRequest.removeAttribute</code>
SPEC2_19	Forward JSP Action Request	setAttribute	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.setAttribute</code> must provide the same functionality as <code>ActionRequest.setAttribute</code>
SPEC2_19	Forward JSP Action Response	containsHeader	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletResponse.containsHeader</code> must return false
SPEC2_19	Forward JSP Action Response	encodeRedirectURL1	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletResponse.encodeRedirectURL</code> must return null
SPEC2_19	Forward JSP Action Response	encodeRedirectUrl	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletResponse.encodeRedirectUrl</code> must return null
SPEC2_19	Forward JSP Action Response	encodeURL1	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletResponse.encodeURL</code> must provide the same functionality as <code>ActionResponse.encodeURL</code>
SPEC2_19	Forward JSP Action Response	encodeUrl	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletResponse.encodeUrl</code> must provide the same functionality as <code>ActionResponse.encodeURL</code>
SPEC2_19	Forward JSP Action Response	getBufferSize	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletResponse.getBufferSize</code> must return 0
SPEC2_19	Forward JSP Action Response	getCharacterEncoding	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletResponse.getCharacterEncoding</code> must return null
SPEC2_19	Forward JSP Action Response	getContentType	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletResponse.getContentType</code> must return null
SPEC2_19	Forward JSP Action Response	getLocale	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletResponse.getLocale</code> must return null
SPEC2_19	Forward JSP Action Response	isCommitted	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletResponse.isCommitted</code> must return false

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward JSP Event Request	getAttribute	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.getAttribute</code> must provide the same functionality as <code>EventRequest.getAttribute</code>
SPEC2_19	Forward JSP Event Request	getAttributeNames	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.getAttributeNames</code> must provide the same functionality as <code>EventRequest.getAttributeNames</code>
SPEC2_19	Forward JSP Event Request	getAuthType	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.getAuthType</code> must provide the same functionality as <code>EventRequest.getAuthType</code>
SPEC2_19	Forward JSP Event Request	getCharacterEncoding	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.getCharacterEncoding</code> must return null
SPEC2_19	Forward JSP Event Request	getContentLength	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.getContentLength</code> must return 0
SPEC2_19	Forward JSP Event Request	getContentType	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.getContentType</code> must return null
SPEC2_19	Forward JSP Event Request	getContextPath	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.getContextPath</code> must provide the same functionality as <code>EventRequest.getContextPath</code>
SPEC2_19	Forward JSP Event Request	getCookies	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.getCookies</code> must provide the same functionality as <code>EventRequest.getCookies</code>
SPEC2_19	Forward JSP Event Request	getDateHeader	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.getDateHeader</code> must return a value corresponding to that returned by <code>EventRequest.getProperty</code> for the corresponding header name
SPEC2_19	Forward JSP Event Request	getHeader	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.getHeader</code> must return a value corresponding to that returned by <code>EventRequest.getProperty</code> for the corresponding header name
SPEC2_19	Forward JSP Event Request	getHeaderNames	TRUE	In a target jsp of a forward in the Event phase, the Enumeration returned by <code>HttpServletRequest.getHeaderNames</code> must be contained in the Enumeration returned by <code>EventRequest.getPropertyNames</code>
SPEC2_19	Forward JSP Event Request	getHeaders	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.getHeaders</code> must return a value corresponding to that returned by <code>EventRequest.getProperties</code> for the corresponding header name
SPEC2_19	Forward JSP Event Request	getInputStream	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.getInputStream</code> must return null
SPEC2_19	Forward JSP Event Request	getIntHeader	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.getIntHeader</code> must return a value corresponding to that returned by <code>EventRequest.getProperty</code> for the corresponding header name
SPEC2_19	Forward JSP Event Request	getLocalAddr	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.getLocalAddr</code> must return null

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward JSP Event Request	getLocalName	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.getLocalName</code> must return null
SPEC2_19	Forward JSP Event Request	getLocalPort	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.getLocalPort</code> must return 0
SPEC2_19	Forward JSP Event Request	getLocale	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.getLocale</code> must provide the same functionality as <code>EventRequest.getLocale</code>
SPEC2_19	Forward JSP Event Request	getLocales	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.getLocales</code> must provide the same functionality as <code>EventRequest.getLocales</code>
SPEC2_19	Forward JSP Event Request	getMethod	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.getMethod</code> must provide the same functionality as <code>EventRequest.getMethod</code>
SPEC2_19	Forward JSP Event Request	getParameter	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.getParameter</code> must provide the same functionality as <code>EventRequest.getParameter</code>
SPEC2_19	Forward JSP Event Request	getParameterMap	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.getParameterMap</code> must provide the same functionality as <code>EventRequest.getParameterMap</code>
SPEC2_19	Forward JSP Event Request	getParameterNames	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.getParameterNames</code> must provide the same functionality as <code>EventRequest.getParameterNames</code>
SPEC2_19	Forward JSP Event Request	getParameterValues	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.getParameterValues</code> must provide the same functionality as <code>EventRequest.getParameterValues</code>
SPEC2_19	Forward JSP Event Request	getPathInfo	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.getPathInfo</code> must a value corresponding to the path used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Forward JSP Event Request	getPathTranslated	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.getPathTranslated</code> must a value corresponding to the path used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Forward JSP Event Request	getProtocol	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.getProtocol</code> must return "HTTP/1.1"
SPEC2_19	Forward JSP Event Request	getQueryString	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.getQueryString</code> must a value corresponding to the query string information used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Forward JSP Event Request	getReader	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.getReader</code> must return null
SPEC2_19	Forward JSP Event Request	getRealPath	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.getRealPath</code> must return null

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward JSP Event Request	getRemoteAddr	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.getRemoteAddr</code> must return null
SPEC2_19	Forward JSP Event Request	getRemoteHost	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.getRemoteHost</code> must return null
SPEC2_19	Forward JSP Event Request	getRemotePort	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.getRemotePort</code> must return 0
SPEC2_19	Forward JSP Event Request	getRemoteUser	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.getRemoteUser</code> must provide the same functionality as <code>EventRequest.getRemoteUser</code>
SPEC2_19	Forward JSP Event Request	getRequestDispatcher	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.getRequestDispatcher</code> must provide functionality as defined in the servlet specification
SPEC2_19	Forward JSP Event Request	getRequestURI	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.getRequestURI</code> must a value corresponding to the path and query string information used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Forward JSP Event Request	getRequestURL	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.getRequestURL</code> must return null
SPEC2_19	Forward JSP Event Request	getRequestedSessionId	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.getRequestedSessionId</code> must provide the same functionality as <code>EventRequest.getRequestedSessionId</code>
SPEC2_19	Forward JSP Event Request	getScheme	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.getScheme</code> must provide the same functionality as <code>EventRequest.getScheme</code>
SPEC2_19	Forward JSP Event Request	getServerName	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.getServerName</code> must provide the same functionality as <code>EventRequest.getServerName</code>
SPEC2_19	Forward JSP Event Request	getServerPort	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.getServerPort</code> must provide the same functionality as <code>EventRequest.getServerPort</code>
SPEC2_19	Forward JSP Event Request	getServletPath	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.getServletPath</code> must a value corresponding to the path used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Forward JSP Event Request	getSession	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.getSession</code> must provide the same functionality as <code>EventRequest.getPortletSession(APPLICATION_SCOPE)</code>
SPEC2_19	Forward JSP Event Request	getUserPrincipal	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.getUserPrincipal</code> must provide the same functionality as <code>EventRequest.getUserPrincipal</code>
SPEC2_19	Forward JSP Event Request	isRequestedSessionIdValid	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.isRequestedSessionIdValid</code> must provide the same functionality as <code>EventRequest.isRequestedSessionIdValid</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward JSP Event Request	isSecure	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.isSecure</code> must provide the same functionality as <code>EventRequest.isSecure</code>
SPEC2_19	Forward JSP Event Request	isUserInRole	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.isUserInRole</code> must provide the same functionality as <code>EventRequest.isUserInRole</code>
SPEC2_19	Forward JSP Event Request	removeAttribute	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.removeAttribute</code> must provide the same functionality as <code>EventRequest.removeAttribute</code>
SPEC2_19	Forward JSP Event Request	setAttribute	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.setAttribute</code> must provide the same functionality as <code>EventRequest.setAttribute</code>
SPEC2_19	Forward JSP Event Response	containsHeader	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletResponse.containsHeader</code> must return false
SPEC2_19	Forward JSP Event Response	encodeRedirectURL1	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletResponse.encodeRedirectURL</code> must return null
SPEC2_19	Forward JSP Event Response	encodeRedirectUrl	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletResponse.encodeRedirectUrl</code> must return null
SPEC2_19	Forward JSP Event Response	encodeURL1	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletResponse.encodeURL</code> must provide the same functionality as <code>EventResponse.encodeURL</code>
SPEC2_19	Forward JSP Event Response	encodeUrl	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletResponse.encodeUrl</code> must provide the same functionality as <code>EventResponse.encodeURL</code>
SPEC2_19	Forward JSP Event Response	getBufferSize	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletResponse.getBufferSize</code> must return 0
SPEC2_19	Forward JSP Event Response	getCharacterEncoding	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletResponse.getCharacterEncoding</code> must return null
SPEC2_19	Forward JSP Event Response	getContentType	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletResponse.getContentType</code> must return null
SPEC2_19	Forward JSP Event Response	getLocale	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletResponse.getLocale</code> must return null
SPEC2_19	Forward JSP Event Response	isCommitted	TRUE	In a target jsp of a forward in the Event phase, the method <code>HttpServletResponse.isCommitted</code> must return false
SPEC2_19	Forward JSP Render Request	getAttribute	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.getAttribute</code> must provide the same functionality as <code>RenderRequest.getAttribute</code>
SPEC2_19	Forward JSP Render Request	getAttributeNames	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.getAttributeNames</code> must provide the same functionality as <code>RenderRequest.getAttributeNames</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward JSP Render Request	getAuthType	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.getAuthType</code> must provide the same functionality as <code>RenderRequest.getAuthType</code>
SPEC2_19	Forward JSP Render Request	getCharacterEncoding	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.getCharacterEncoding</code> must return null
SPEC2_19	Forward JSP Render Request	getContentLength	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.getContentLength</code> must return 0
SPEC2_19	Forward JSP Render Request	getContentType	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.getContentType</code> must return null
SPEC2_19	Forward JSP Render Request	getContextPath	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.getContextPath</code> must provide the same functionality as <code>RenderRequest.getContextPath</code>
SPEC2_19	Forward JSP Render Request	getCookies	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.getCookies</code> must provide the same functionality as <code>RenderRequest.getCookies</code>
SPEC2_19	Forward JSP Render Request	getDateHeader	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.getDateHeader</code> must return a value corresponding to that returned by <code>RenderRequest.getProperty</code> for the corresponding header name
SPEC2_19	Forward JSP Render Request	getHeader	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.getHeader</code> must return a value corresponding to that returned by <code>RenderRequest.getProperty</code> for the corresponding header name
SPEC2_19	Forward JSP Render Request	getHeaderNames	TRUE	In a target jsp of a forward in the Render phase, the Enumeration returned by <code>HttpServletRequest.getHeaderNames</code> must be contained in the Enumeration returned by <code>RenderRequest.getPropertyNames</code>
SPEC2_19	Forward JSP Render Request	getHeaders	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.getHeaders</code> must return a value corresponding to that returned by <code>RenderRequest.getProperties</code> for the corresponding header name
SPEC2_19	Forward JSP Render Request	getInputStream	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.getInputStream</code> must return null
SPEC2_19	Forward JSP Render Request	getIntHeader	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.getIntHeader</code> must return a value corresponding to that returned by <code>RenderRequest.getProperty</code> for the corresponding header name
SPEC2_19	Forward JSP Render Request	getLocalAddr	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.getLocalAddr</code> must return null
SPEC2_19	Forward JSP Render Request	getLocalName	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.getLocalName</code> must return null
SPEC2_19	Forward JSP Render Request	getLocalPort	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.getLocalPort</code> must return 0
SPEC2_19	Forward JSP Render Request	getLocale	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.getLocale</code> must provide the same functionality as <code>RenderRequest.getLocale</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward JSP Render Request	getLocales	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.getLocales</code> must provide the same functionality as <code>RenderRequest.getLocales</code>
SPEC2_19	Forward JSP Render Request	getMethod	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.getMethod</code> must return "GET"
SPEC2_19	Forward JSP Render Request	getParameter	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.getParameter</code> must provide the same functionality as <code>RenderRequest.getParameter</code>
SPEC2_19	Forward JSP Render Request	getParameterMap	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.getParameterMap</code> must provide the same functionality as <code>RenderRequest.getParameterMap</code>
SPEC2_19	Forward JSP Render Request	getParameterNames	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.getParameterNames</code> must provide the same functionality as <code>RenderRequest.getParameterNames</code>
SPEC2_19	Forward JSP Render Request	getParameterValues	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.getParameterValues</code> must provide the same functionality as <code>RenderRequest.getParameterValues</code>
SPEC2_19	Forward JSP Render Request	getPathInfo	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.getPathInfo</code> must a value corresponding to the path used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Forward JSP Render Request	getPathTranslated	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.getPathTranslated</code> must a value corresponding to the path used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Forward JSP Render Request	getProtocol	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.getProtocol</code> must return "HTTP/1.1"
SPEC2_19	Forward JSP Render Request	getQueryString	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.getQueryString</code> must a value corresponding to the query string information used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Forward JSP Render Request	getReader	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.getReader</code> must return null
SPEC2_19	Forward JSP Render Request	getRealPath	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.getRealPath</code> must return null
SPEC2_19	Forward JSP Render Request	getRemoteAddr	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.getRemoteAddr</code> must return null
SPEC2_19	Forward JSP Render Request	getRemoteHost	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.getRemoteHost</code> must return null
SPEC2_19	Forward JSP Render Request	getRemotePort	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.getRemotePort</code> must return 0
SPEC2_19	Forward JSP Render Request	getRemoteUser	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.getRemoteUser</code> must provide the same functionality as <code>RenderRequest.getRemoteUser</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward JSP Render Request	getRequestDispatcher	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.getRequestDispatcher</code> must provide functionality as defined in the servlet specification
SPEC2_19	Forward JSP Render Request	getRequestURI	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.getRequestURI</code> must a value corresponding to the path and query string information used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Forward JSP Render Request	getRequestURL	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.getRequestURL</code> must return null
SPEC2_19	Forward JSP Render Request	getRequestedSessionId	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.getRequestedSessionId</code> must provide the same functionality as <code>RenderRequest.getRequestedSessionId</code>
SPEC2_19	Forward JSP Render Request	getScheme	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.getScheme</code> must provide the same functionality as <code>RenderRequest.getScheme</code>
SPEC2_19	Forward JSP Render Request	getServerName	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.getServerName</code> must provide the same functionality as <code>RenderRequest.getServerName</code>
SPEC2_19	Forward JSP Render Request	getServerPort	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.getServerPort</code> must provide the same functionality as <code>RenderRequest.getServerPort</code>
SPEC2_19	Forward JSP Render Request	getServletPath	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.getServletPath</code> must a value corresponding to the path used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Forward JSP Render Request	getSession	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.getSession</code> must provide the same functionality as <code>RenderRequest.getPortletSession(APPLICATION_SCOPE)</code>
SPEC2_19	Forward JSP Render Request	getUserPrincipal	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.getUserPrincipal</code> must provide the same functionality as <code>RenderRequest.getUserPrincipal</code>
SPEC2_19	Forward JSP Render Request	isRequestedSessionIdValid	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.isRequestedSessionIdValid</code> must provide the same functionality as <code>RenderRequest.isRequestedSessionIdValid</code>
SPEC2_19	Forward JSP Render Request	isSecure	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.isSecure</code> must provide the same functionality as <code>RenderRequest.isSecure</code>
SPEC2_19	Forward JSP Render Request	isUserInRole	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.isUserInRole</code> must provide the same functionality as <code>RenderRequest.isUserInRole</code>
SPEC2_19	Forward JSP Render Request	removeAttribute	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.removeAttribute</code> must provide the same functionality as <code>RenderRequest.removeAttribute</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward JSP Render Request	setAttribute	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.setAttribute</code> must provide the same functionality as <code>RenderRequest.setAttribute</code>
SPEC2_19	Forward JSP Render Response	containsHeader	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletResponse.containsHeader</code> must return false
SPEC2_19	Forward JSP Render Response	encodeRedirectURL1	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletResponse.encodeRedirectURL</code> must return null
SPEC2_19	Forward JSP Render Response	encodeRedirectUrl	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletResponse.encodeRedirectUrl</code> must return null
SPEC2_19	Forward JSP Render Response	encodeURL1	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletResponse.encodeURL</code> must provide the same functionality as <code>RenderResponse.encodeURL</code>
SPEC2_19	Forward JSP Render Response	encodeUrl	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletResponse.encodeUrl</code> must provide the same functionality as <code>RenderResponse.encodeURL</code>
SPEC2_19	Forward JSP Render Response	getBufferSize	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletResponse.getBufferSize</code> must provide the same functionality as <code>RenderResponse.getBufferSize</code>
SPEC2_19	Forward JSP Render Response	getCharacterEncoding	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletResponse.getCharacterEncoding</code> must provide the same functionality as <code>RenderResponse.getCharacterEncoding</code>
SPEC2_19	Forward JSP Render Response	getContentType	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletResponse.getContentType</code> must provide the same functionality as <code>RenderResponse.getContentType</code>
SPEC2_19	Forward JSP Render Response	getLocale	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletResponse.getLocale</code> must provide the same functionality as <code>RenderResponse.getLocale</code>
SPEC2_19	Forward JSP Render Response	isCommitted	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletResponse.isCommitted</code> must provide the same functionality as <code>RenderResponse.isCommitted</code>
SPEC2_19	Forward JSP Resource Request	getAttribute	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.getAttribute</code> must provide the same functionality as <code>ResourceRequest.getAttribute</code>
SPEC2_19	Forward JSP Resource Request	getAttributeNames	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.getAttributeNames</code> must provide the same functionality as <code>ResourceRequest.getAttributeNames</code>
SPEC2_19	Forward JSP Resource Request	getAuthType	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.getAuthType</code> must provide the same functionality as <code>ResourceRequest.getAuthType</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward JSP Resource Request	getCharacterEncoding	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.setCharacterEncoding</code> must provide the same functionality as <code>ResourceRequest.setCharacterEncoding</code>
SPEC2_19	Forward JSP Resource Request	getContentLength	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.getContentLength</code> must provide the same functionality as <code>ResourceRequest.getContentLength</code>
SPEC2_19	Forward JSP Resource Request	getContentType	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.getContentType</code> must provide the same functionality as <code>ResourceRequest.getContentType</code>
SPEC2_19	Forward JSP Resource Request	getContextPath	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.getContextPath</code> must provide the same functionality as <code>ResourceRequest.getContextPath</code>
SPEC2_19	Forward JSP Resource Request	getCookies	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.getCookies</code> must provide the same functionality as <code>ResourceRequest.getCookies</code>
SPEC2_19	Forward JSP Resource Request	getDateHeader	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.getDateHeader</code> must return a value corresponding to that returned by <code>ResourceRequest.getProperty</code> for the corresponding header name
SPEC2_19	Forward JSP Resource Request	getHeader	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.getHeader</code> must return a value corresponding to that returned by <code>ResourceRequest.getProperty</code> for the corresponding header name
SPEC2_19	Forward JSP Resource Request	getHeaderNames	TRUE	In a target jsp of a forward in the Resource phase, the Enumeration returned by <code>HttpServletRequest.getHeaderNames</code> must be contained in the Enumeration returned by <code>ResourceRequest.getPropertyNames</code>
SPEC2_19	Forward JSP Resource Request	getHeaders	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.getHeaders</code> must return a value corresponding to that returned by <code>ResourceRequest.getProperties</code> for the corresponding header name
SPEC2_19	Forward JSP Resource Request	getIntHeader	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.getIntHeader</code> must return a value corresponding to that returned by <code>ResourceRequest.getProperty</code> for the corresponding header name
SPEC2_19	Forward JSP Resource Request	getLocalAddr	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.getLocalAddr</code> must return null
SPEC2_19	Forward JSP Resource Request	getLocalName	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.getLocalName</code> must return null
SPEC2_19	Forward JSP Resource Request	getLocalPort	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.getLocalPort</code> must return 0
SPEC2_19	Forward JSP Resource Request	getLocale	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.getLocale</code> must provide the same functionality as <code>ResourceRequest.getLocale</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward JSP Resource Request	getLocales	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.getLocales</code> must provide the same functionality as <code>ResourceRequest.getLocales</code>
SPEC2_19	Forward JSP Resource Request	getMethod	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.getMethod</code> must provide the same functionality as <code>ResourceRequest.getMethod</code>
SPEC2_19	Forward JSP Resource Request	getParameter	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.getParameter</code> must provide the same functionality as <code>ResourceRequest.getParameter</code>
SPEC2_19	Forward JSP Resource Request	getParameterMap	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.getParameterMap</code> must provide the same functionality as <code>ResourceRequest.getParameterMap</code>
SPEC2_19	Forward JSP Resource Request	getParameterNames	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.getParameterNames</code> must provide the same functionality as <code>ResourceRequest.getParameterNames</code>
SPEC2_19	Forward JSP Resource Request	getParameterValues	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.getParameterValues</code> must provide the same functionality as <code>ResourceRequest.getParameterValues</code>
SPEC2_19	Forward JSP Resource Request	getPathInfo	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.getPathInfo</code> must a value corresponding to the path used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Forward JSP Resource Request	getPathTranslated	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.getPathTranslated</code> must a value corresponding to the path used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Forward JSP Resource Request	getProtocol	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.getProtocol</code> must return "HTTP/1.1"
SPEC2_19	Forward JSP Resource Request	getQueryString	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.getQueryString</code> must a value corresponding to the query string information used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Forward JSP Resource Request	getRealPath	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.getRealPath</code> must return null
SPEC2_19	Forward JSP Resource Request	getRemoteAddr	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.getRemoteAddr</code> must return null
SPEC2_19	Forward JSP Resource Request	getRemoteHost	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.getRemoteHost</code> must return null
SPEC2_19	Forward JSP Resource Request	getRemotePort	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.getRemotePort</code> must return 0
SPEC2_19	Forward JSP Resource Request	getRemoteUser	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.getRemoteUser</code> must provide the same functionality as <code>ResourceRequest.getRemoteUser</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward JSP Resource Request	getRequestDispatcher	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.getRequestDispatcher</code> must provide functionality as defined in the servlet specification
SPEC2_19	Forward JSP Resource Request	getRequestURI	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.getRequestURI</code> must a value corresponding to the path and query string information used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Forward JSP Resource Request	getRequestURL	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.getRequestURL</code> must return null
SPEC2_19	Forward JSP Resource Request	getRequestedSessionId	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.getRequestedSessionId</code> must provide the same functionality as <code>ResourceRequest.getRequestedSessionId</code>
SPEC2_19	Forward JSP Resource Request	getScheme	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.getScheme</code> must provide the same functionality as <code>ResourceRequest.getScheme</code>
SPEC2_19	Forward JSP Resource Request	getServerName	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.getServerName</code> must provide the same functionality as <code>ResourceRequest.getServerName</code>
SPEC2_19	Forward JSP Resource Request	getServerPort	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.getServerPort</code> must provide the same functionality as <code>ResourceRequest.getServerPort</code>
SPEC2_19	Forward JSP Resource Request	getServletPath	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.getServletPath</code> must a value corresponding to the path used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Forward JSP Resource Request	getSession	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.getSession</code> must provide the same functionality as <code>ResourceRequest.getPortletSession(APPLICATION_SCOPE)</code>
SPEC2_19	Forward JSP Resource Request	getUserPrincipal	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.getUserPrincipal</code> must provide the same functionality as <code>ResourceRequest.getUserPrincipal</code>
SPEC2_19	Forward JSP Resource Request	isRequestedSessionIdValid	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.isRequestedSessionIdValid</code> must provide the same functionality as <code>ResourceRequest.isRequestedSessionIdValid</code>
SPEC2_19	Forward JSP Resource Request	isSecure	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.isSecure</code> must provide the same functionality as <code>ResourceRequest.isSecure</code>
SPEC2_19	Forward JSP Resource Request	isUserInRole	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.isUserInRole</code> must provide the same functionality as <code>ResourceRequest.isUserInRole</code>
SPEC2_19	Forward JSP Resource Request	removeAttribute	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.removeAttribute</code> must provide the same functionality as <code>ResourceRequest.removeAttribute</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward JSP Resource Request	setAttribute	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.setAttribute</code> must provide the same functionality as <code>ResourceRequest.setAttribute</code>
SPEC2_19	Forward JSP Resource Response	containsHeader	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletResponse.containsHeader</code> must return false
SPEC2_19	Forward JSP Resource Response	encodeRedirectURL1	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletResponse.encodeRedirectURL</code> must return null
SPEC2_19	Forward JSP Resource Response	encodeRedirectUrl	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletResponse.encodeRedirectUrl</code> must return null
SPEC2_19	Forward JSP Resource Response	encodeURL1	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletResponse.encodeURL</code> must provide the same functionality as <code>ResourceResponse.encodeURL</code>
SPEC2_19	Forward JSP Resource Response	encodeUrl	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletResponse.encodeUrl</code> must provide the same functionality as <code>ResourceResponse.encodeURL</code>
SPEC2_19	Forward JSP Resource Response	getBufferSize	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletResponse.getBufferSize</code> must provide the same functionality as <code>ResourceResponse.getBufferSize</code>
SPEC2_19	Forward JSP Resource Response	getCharacterEncoding	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletResponse.getCharacterEncoding</code> must provide the same functionality as <code>ResourceResponse.getCharacterEncoding</code>
SPEC2_19	Forward JSP Resource Response	getContentType	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletResponse.getContentType</code> must provide the same functionality as <code>ResourceResponse.getContentType</code>
SPEC2_19	Forward JSP Resource Response	getLocale	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletResponse.getLocale</code> must provide the same functionality as <code>ResourceResponse.getLocale</code>
SPEC2_19	Forward JSP Resource Response	isCommitted	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletResponse.isCommitted</code> must provide the same functionality as <code>ResourceResponse.isCommitted</code>
<b>Dispatcher ReqResp Tests 2</b>				
SPEC2_19	Forward Servlet Action Request	getAttribute	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.getAttribute</code> must provide the same functionality as <code>ActionRequest.getAttribute</code>
SPEC2_19	Forward Servlet Action Request	getAttributeNames	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.getAttributeNames</code> must provide the same functionality as <code>ActionRequest.getAttributeNames</code>
SPEC2_19	Forward Servlet Action Request	getAuthType	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.getAuthType</code> must provide the same functionality as <code>ActionRequest.getAuthType</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward Servlet Action Request	getCharacterEncoding	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.setCharacterEncoding</code> must provide the same functionality as <code>ActionRequest.setCharacterEncoding</code>
SPEC2_19	Forward Servlet Action Request	getContentLength	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.getContentLength</code> must provide the same functionality as <code>ActionRequest.getContentLength</code>
SPEC2_19	Forward Servlet Action Request	getContentType	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.getContentType</code> must provide the same functionality as <code>ActionRequest.getContentType</code>
SPEC2_19	Forward Servlet Action Request	getContextPath	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.getContextPath</code> must provide the same functionality as <code>ActionRequest.getContextPath</code>
SPEC2_19	Forward Servlet Action Request	getCookies	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.getCookies</code> must provide the same functionality as <code>ActionRequest.getCookies</code>
SPEC2_19	Forward Servlet Action Request	getDateHeader	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.getDateHeader</code> must return a value corresponding to that returned by <code>ActionRequest.getProperty</code> for the corresponding header name
SPEC2_19	Forward Servlet Action Request	getHeader	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.getHeader</code> must return a value corresponding to that returned by <code>ActionRequest.getProperty</code> for the corresponding header name
SPEC2_19	Forward Servlet Action Request	getHeaderNames	TRUE	In a target servlet of a forward in the Action phase, the Enumeration returned by <code>HttpServletRequest.getHeaderNames</code> must be contained in the Enumeration returned by <code>ActionRequest.getPropertyNames</code>
SPEC2_19	Forward Servlet Action Request	getHeaders	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.getHeaders</code> must return a value corresponding to that returned by <code>ActionRequest.getProperties</code> for the corresponding header name
SPEC2_19	Forward Servlet Action Request	getIntHeader	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.getIntHeader</code> must return a value corresponding to that returned by <code>ActionRequest.getProperty</code> for the corresponding header name
SPEC2_19	Forward Servlet Action Request	getLocalAddr	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.getLocalAddr</code> must return null
SPEC2_19	Forward Servlet Action Request	getLocalName	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.getLocalName</code> must return null
SPEC2_19	Forward Servlet Action Request	getLocalPort	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.getLocalPort</code> must return 0
SPEC2_19	Forward Servlet Action Request	getLocale	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.getLocale</code> must provide the same functionality as <code>ActionRequest.getLocale</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward Servlet Action Request	getLocales	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.getLocales</code> must provide the same functionality as <code>ActionRequest.getLocales</code>
SPEC2_19	Forward Servlet Action Request	getMethod	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.getMethod</code> must provide the same functionality as <code>ActionRequest.getMethod</code>
SPEC2_19	Forward Servlet Action Request	getParameter	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.getParameter</code> must provide the same functionality as <code>ActionRequest.getParameter</code>
SPEC2_19	Forward Servlet Action Request	getParameterMap	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.getParameterMap</code> must provide the same functionality as <code>ActionRequest.getParameterMap</code>
SPEC2_19	Forward Servlet Action Request	getParameterNames	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.getParameterNames</code> must provide the same functionality as <code>ActionRequest.getParameterNames</code>
SPEC2_19	Forward Servlet Action Request	getParameterValues	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.getParameterValues</code> must provide the same functionality as <code>ActionRequest.getParameterValues</code>
SPEC2_19	Forward Servlet Action Request	getPathInfo	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.getPathInfo</code> must a value corresponding to the path used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Forward Servlet Action Request	getPathTranslated	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.getPathTranslated</code> must a value corresponding to the path used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Forward Servlet Action Request	getProtocol	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.getProtocol</code> must return "HTTP/1.1"
SPEC2_19	Forward Servlet Action Request	getQueryString	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.getQueryString</code> must a value corresponding to the query string information used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Forward Servlet Action Request	getRealPath	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.getRealPath</code> must return null
SPEC2_19	Forward Servlet Action Request	getRemoteAddr	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.getRemoteAddr</code> must return null
SPEC2_19	Forward Servlet Action Request	getRemoteHost	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.getRemoteHost</code> must return null
SPEC2_19	Forward Servlet Action Request	getRemotePort	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.getRemotePort</code> must return 0
SPEC2_19	Forward Servlet Action Request	getRemoteUser	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.getRemoteUser</code> must provide the same functionality as <code>ActionRequest.getRemoteUser</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward Servlet Action Request	getRequestDispatcher	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.getRequestDispatcher</code> must provide functionality as defined in the servlet specification
SPEC2_19	Forward Servlet Action Request	getRequestURI	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.getRequestURI</code> must a value corresponding to the path and query string information used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Forward Servlet Action Request	getRequestURL	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.getRequestURL</code> must return null
SPEC2_19	Forward Servlet Action Request	getRequestedSessionId	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.getRequestedSessionId</code> must provide the same functionality as <code>ActionRequest.getRequestedSessionId</code>
SPEC2_19	Forward Servlet Action Request	getScheme	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.getScheme</code> must provide the same functionality as <code>ActionRequest.getScheme</code>
SPEC2_19	Forward Servlet Action Request	getServerName	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.getServerName</code> must provide the same functionality as <code>ActionRequest.getServerName</code>
SPEC2_19	Forward Servlet Action Request	getServerPort	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.getServerPort</code> must provide the same functionality as <code>ActionRequest.getServerPort</code>
SPEC2_19	Forward Servlet Action Request	getServletPath	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.getServletPath</code> must a value corresponding to the path used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Forward Servlet Action Request	getSession	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.getSession</code> must provide the same functionality as <code>ActionRequest.getPortletSession(APPLICATION_SCOPE)</code>
SPEC2_19	Forward Servlet Action Request	getUserPrincipal	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.getUserPrincipal</code> must provide the same functionality as <code>ActionRequest.getUserPrincipal</code>
SPEC2_19	Forward Servlet Action Request	isRequestedSessionIdValid	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.isRequestedSessionIdValid</code> must provide the same functionality as <code>ActionRequest.isRequestedSessionIdValid</code>
SPEC2_19	Forward Servlet Action Request	isSecure	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.isSecure</code> must provide the same functionality as <code>ActionRequest.isSecure</code>
SPEC2_19	Forward Servlet Action Request	isUserInRole	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.isUserInRole</code> must provide the same functionality as <code>ActionRequest.isUserInRole</code>
SPEC2_19	Forward Servlet Action Request	removeAttribute	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.removeAttribute</code> must provide the same functionality as <code>ActionRequest.removeAttribute</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward Servlet Action Request	setAttribute	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.setAttribute</code> must provide the same functionality as <code>ActionRequest.setAttribute</code>
SPEC2_19	Forward Servlet Action Response	containsHeader	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletResponse.containsHeader</code> must return false
SPEC2_19	Forward Servlet Action Response	encodeRedirectURL1	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletResponse.encodeRedirectURL</code> must return null
SPEC2_19	Forward Servlet Action Response	encodeRedirectUrl	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletResponse.encodeRedirectUrl</code> must return null
SPEC2_19	Forward Servlet Action Response	encodeURL1	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletResponse.encodeURL</code> must provide the same functionality as <code>ActionResponse.encodeURL</code>
SPEC2_19	Forward Servlet Action Response	encodeUrl	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletResponse.encodeUrl</code> must provide the same functionality as <code>ActionResponse.encodeURL</code>
SPEC2_19	Forward Servlet Action Response	getBufferSize	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletResponse.getBufferSize</code> must return 0
SPEC2_19	Forward Servlet Action Response	getCharacterEncoding	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletResponse.getCharacterEncoding</code> must return null
SPEC2_19	Forward Servlet Action Response	getContentType	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletResponse.getContentType</code> must return null
SPEC2_19	Forward Servlet Action Response	getLocale	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletResponse.getLocale</code> must return null
SPEC2_19	Forward Servlet Action Response	isCommitted	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletResponse.isCommitted</code> must return false
SPEC2_19	Forward Servlet Event Request	getAttribute	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.getAttribute</code> must provide the same functionality as <code>EventRequest.getAttribute</code>
SPEC2_19	Forward Servlet Event Request	getAttributeNames	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.getAttributeNames</code> must provide the same functionality as <code>EventRequest.getAttributeNames</code>
SPEC2_19	Forward Servlet Event Request	getAuthType	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.getAuthType</code> must provide the same functionality as <code>EventRequest.getAuthType</code>
SPEC2_19	Forward Servlet Event Request	getCharacterEncoding	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.getCharacterEncoding</code> must return null
SPEC2_19	Forward Servlet Event Request	getContentLength	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.getContentLength</code> must return 0
SPEC2_19	Forward Servlet Event Request	getContentType	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.getContentType</code> must return null

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward Servlet Event Request	getContextPath	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.getContextPath</code> must provide the same functionality as <code>EventRequest.getContextPath</code>
SPEC2_19	Forward Servlet Event Request	getCookies	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.getCookies</code> must provide the same functionality as <code>EventRequest.getCookies</code>
SPEC2_19	Forward Servlet Event Request	getDateHeader	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.getDateHeader</code> must return a value corresponding to that returned by <code>EventRequest.getProperty</code> for the corresponding header name
SPEC2_19	Forward Servlet Event Request	getHeader	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.getHeader</code> must return a value corresponding to that returned by <code>EventRequest.getProperty</code> for the corresponding header name
SPEC2_19	Forward Servlet Event Request	getHeaderNames	TRUE	In a target servlet of a forward in the Event phase, the Enumeration returned by <code>HttpServletRequest.getHeaderNames</code> must be contained in the Enumeration returned by <code>EventRequest.getPropertyNames</code>
SPEC2_19	Forward Servlet Event Request	getHeaders	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.getHeaders</code> must return a value corresponding to that returned by <code>EventRequest.getProperties</code> for the corresponding header name
SPEC2_19	Forward Servlet Event Request	getInputStream	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.getInputStream</code> must return null
SPEC2_19	Forward Servlet Event Request	getIntHeader	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.getIntHeader</code> must return a value corresponding to that returned by <code>EventRequest.getProperty</code> for the corresponding header name
SPEC2_19	Forward Servlet Event Request	getLocalAddr	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.getLocalAddr</code> must return null
SPEC2_19	Forward Servlet Event Request	getLocalName	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.getLocalName</code> must return null
SPEC2_19	Forward Servlet Event Request	getLocalPort	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.getLocalPort</code> must return 0
SPEC2_19	Forward Servlet Event Request	getLocale	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.getLocale</code> must provide the same functionality as <code>EventRequest.getLocale</code>
SPEC2_19	Forward Servlet Event Request	getLocales	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.getLocales</code> must provide the same functionality as <code>EventRequest.getLocales</code>
SPEC2_19	Forward Servlet Event Request	getMethod	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.getMethod</code> must provide the same functionality as <code>EventRequest.getMethod</code>
SPEC2_19	Forward Servlet Event Request	getParameter	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.getParameter</code> must provide the same functionality as <code>EventRequest.getParameter</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward Servlet Event Request	getParameterMap	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.getParameterMap</code> must provide the same functionality as <code>EventRequest.getParameterMap</code>
SPEC2_19	Forward Servlet Event Request	getParameterNames	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.getParameterNames</code> must provide the same functionality as <code>EventRequest.getParameterNames</code>
SPEC2_19	Forward Servlet Event Request	getParameterValues	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.getParameterValues</code> must provide the same functionality as <code>EventRequest.getParameterValues</code>
SPEC2_19	Forward Servlet Event Request	getPathInfo	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.getPathInfo</code> must a value corresponding to the path used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Forward Servlet Event Request	getPathTranslated	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.getPathTranslated</code> must a value corresponding to the path used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Forward Servlet Event Request	getProtocol	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.getProtocol</code> must return "HTTP/1.1"
SPEC2_19	Forward Servlet Event Request	getQueryString	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.getQueryString</code> must a value corresponding to the query string information used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Forward Servlet Event Request	getReader	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.getReader</code> must return null
SPEC2_19	Forward Servlet Event Request	getRealPath	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.getRealPath</code> must return null
SPEC2_19	Forward Servlet Event Request	getRemoteAddr	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.getRemoteAddr</code> must return null
SPEC2_19	Forward Servlet Event Request	getRemoteHost	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.getRemoteHost</code> must return null
SPEC2_19	Forward Servlet Event Request	getRemotePort	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.getRemotePort</code> must return 0
SPEC2_19	Forward Servlet Event Request	getRemoteUser	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.getRemoteUser</code> must provide the same functionality as <code>EventRequest.getRemoteUser</code>
SPEC2_19	Forward Servlet Event Request	getRequestDispatcher	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.getRequestDispatcher</code> must provide functionality as defined in the servlet specification
SPEC2_19	Forward Servlet Event Request	getRequestURI	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.getRequestURI</code> must a value corresponding to the path and query string information used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Forward Servlet Event Request	getRequestURL	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.getRequestURL</code> must return null

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward Servlet Event Request	getRequestedSessionId	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.getRequestedSessionId</code> must provide the same functionality as <code>EventRequest.getRequestedSessionId</code>
SPEC2_19	Forward Servlet Event Request	getScheme	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.getScheme</code> must provide the same functionality as <code>EventRequest.getScheme</code>
SPEC2_19	Forward Servlet Event Request	getServerName	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.getServerName</code> must provide the same functionality as <code>EventRequest.getServerName</code>
SPEC2_19	Forward Servlet Event Request	getServerPort	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.getServerPort</code> must provide the same functionality as <code>EventRequest.getServerPort</code>
SPEC2_19	Forward Servlet Event Request	getServletPath	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.getServletPath</code> must a value corresponding to the path used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Forward Servlet Event Request	getSession	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.getSession</code> must provide the same functionality as <code>EventRequest.getPortletSession(APPLICATION_SCOPE)</code>
SPEC2_19	Forward Servlet Event Request	getUserPrincipal	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.getUserPrincipal</code> must provide the same functionality as <code>EventRequest.getUserPrincipal</code>
SPEC2_19	Forward Servlet Event Request	isRequestedSessionIdValid	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.isRequestedSessionIdValid</code> must provide the same functionality as <code>EventRequest.isRequestedSessionIdValid</code>
SPEC2_19	Forward Servlet Event Request	isSecure	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.isSecure</code> must provide the same functionality as <code>EventRequest.isSecure</code>
SPEC2_19	Forward Servlet Event Request	isUserInRole	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.isUserInRole</code> must provide the same functionality as <code>EventRequest.isUserInRole</code>
SPEC2_19	Forward Servlet Event Request	removeAttribute	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.removeAttribute</code> must provide the same functionality as <code>EventRequest.removeAttribute</code>
SPEC2_19	Forward Servlet Event Request	setAttribute	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.setAttribute</code> must provide the same functionality as <code>EventRequest.setAttribute</code>
SPEC2_19	Forward Servlet Event Response	containsHeader	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletResponse.containsHeader</code> must return false
SPEC2_19	Forward Servlet Event Response	encodeRedirectURL1	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletResponse.encodeRedirectURL</code> must return null

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward Servlet Event Response	encodeRedirectUrl	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletResponse.encodeRedirectUrl</code> must return null
SPEC2_19	Forward Servlet Event Response	encodeURL1	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletResponse.encodeURL</code> must provide the same functionality as <code>EventResponse.encodeURL</code>
SPEC2_19	Forward Servlet Event Response	encodeUrl	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletResponse.encodeUrl</code> must provide the same functionality as <code>EventResponse.encodeURL</code>
SPEC2_19	Forward Servlet Event Response	getBufferSize	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletResponse.getBufferSize</code> must return 0
SPEC2_19	Forward Servlet Event Response	getCharacterEncoding	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletResponse.getCharacterEncoding</code> must return null
SPEC2_19	Forward Servlet Event Response	getContentType	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletResponse.getContentType</code> must return null
SPEC2_19	Forward Servlet Event Response	getLocale	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletResponse.getLocale</code> must return null
SPEC2_19	Forward Servlet Event Response	isCommitted	TRUE	In a target servlet of a forward in the Event phase, the method <code>HttpServletResponse.isCommitted</code> must return false
SPEC2_19	Forward Servlet Render Request	getAttribute	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.getAttribute</code> must provide the same functionality as <code>RenderRequest.getAttribute</code>
SPEC2_19	Forward Servlet Render Request	getAttributeNames	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.getAttributeNames</code> must provide the same functionality as <code>RenderRequest.getAttributeNames</code>
SPEC2_19	Forward Servlet Render Request	getAuthType	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.getAuthType</code> must provide the same functionality as <code>RenderRequest.getAuthType</code>
SPEC2_19	Forward Servlet Render Request	getCharacterEncoding	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.getCharacterEncoding</code> must return null
SPEC2_19	Forward Servlet Render Request	getContentLength	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.getContentLength</code> must return 0
SPEC2_19	Forward Servlet Render Request	getContentType	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.getContentType</code> must return null
SPEC2_19	Forward Servlet Render Request	getContextPath	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.getContextPath</code> must provide the same functionality as <code>RenderRequest.getContextPath</code>
SPEC2_19	Forward Servlet Render Request	getCookies	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.getCookies</code> must provide the same functionality as <code>RenderRequest.getCookies</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward Servlet Render Request	getDateHeader	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.getDateHeader</code> must return a value corresponding to that returned by <code>RenderRequest.getProperty</code> for the corresponding header name
SPEC2_19	Forward Servlet Render Request	getHeader	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.getHeader</code> must return a value corresponding to that returned by <code>RenderRequest.getProperty</code> for the corresponding header name
SPEC2_19	Forward Servlet Render Request	getHeaderNames	TRUE	In a target servlet of a forward in the Render phase, the Enumeration returned by <code>HttpServletRequest.getHeaderNames</code> must be contained in the Enumeration returned by <code>RenderRequest.getPropertyNames</code>
SPEC2_19	Forward Servlet Render Request	getHeaders	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.getHeaders</code> must return a value corresponding to that returned by <code>RenderRequest.getProperties</code> for the corresponding header name
SPEC2_19	Forward Servlet Render Request	getInputStream	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.getInputStream</code> must return null
SPEC2_19	Forward Servlet Render Request	getIntHeader	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.getIntHeader</code> must return a value corresponding to that returned by <code>RenderRequest.getProperty</code> for the corresponding header name
SPEC2_19	Forward Servlet Render Request	getLocalAddr	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.getLocalAddr</code> must return null
SPEC2_19	Forward Servlet Render Request	getLocalName	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.getLocalName</code> must return null
SPEC2_19	Forward Servlet Render Request	getLocalPort	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.getLocalPort</code> must return 0
SPEC2_19	Forward Servlet Render Request	getLocale	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.getLocale</code> must provide the same functionality as <code>RenderRequest.getLocale</code>
SPEC2_19	Forward Servlet Render Request	getLocales	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.getLocales</code> must provide the same functionality as <code>RenderRequest.getLocales</code>
SPEC2_19	Forward Servlet Render Request	getMethod	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.getMethod</code> must return "GET"
SPEC2_19	Forward Servlet Render Request	getParameter	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.getParameter</code> must provide the same functionality as <code>RenderRequest.getParameter</code>
SPEC2_19	Forward Servlet Render Request	getParameterMap	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.getParameterMap</code> must provide the same functionality as <code>RenderRequest.getParameterMap</code>
SPEC2_19	Forward Servlet Render Request	getParameterNames	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.getParameterNames</code> must provide the same functionality as <code>RenderRequest.getParameterNames</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward Servlet Render Request	getParameterValues	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.getParameterValues</code> must provide the same functionality as <code>RenderRequest.getParameterValues</code>
SPEC2_19	Forward Servlet Render Request	getPathInfo	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.getPathInfo</code> must a value corresponding to the path used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Forward Servlet Render Request	getPathTranslated	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.getPathTranslated</code> must a value corresponding to the path used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Forward Servlet Render Request	getProtocol	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.getProtocol</code> must return "HTTP/1.1"
SPEC2_19	Forward Servlet Render Request	getQueryString	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.getQueryString</code> must a value corresponding to the query string information used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Forward Servlet Render Request	getReader	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.getReader</code> must return null
SPEC2_19	Forward Servlet Render Request	getRealPath	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.getRealPath</code> must return null
SPEC2_19	Forward Servlet Render Request	getRemoteAddr	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.getRemoteAddr</code> must return null
SPEC2_19	Forward Servlet Render Request	getRemoteHost	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.getRemoteHost</code> must return null
SPEC2_19	Forward Servlet Render Request	getRemotePort	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.getRemotePort</code> must return 0
SPEC2_19	Forward Servlet Render Request	getRemoteUser	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.getRemoteUser</code> must provide the same functionality as <code>RenderRequest.getRemoteUser</code>
SPEC2_19	Forward Servlet Render Request	getRequestDispatcher	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.getRequestDispatcher</code> must provide functionality as defined in the servlet specification
SPEC2_19	Forward Servlet Render Request	getRequestURI	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.getRequestURI</code> must a value corresponding to the path and query string information used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Forward Servlet Render Request	getRequestURL	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.getRequestURL</code> must return null
SPEC2_19	Forward Servlet Render Request	getRequestedSessionId	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.getRequestedSessionId</code> must provide the same functionality as <code>RenderRequest.getRequestedSessionId</code>
SPEC2_19	Forward Servlet Render Request	getScheme	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.getScheme</code> must provide the same functionality as <code>RenderRequest.getScheme</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward Servlet Render Request	getServerName	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.getServerName</code> must provide the same functionality as <code>RenderRequest.getServerName</code>
SPEC2_19	Forward Servlet Render Request	getServerPort	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.getServerPort</code> must provide the same functionality as <code>RenderRequest.getServerPort</code>
SPEC2_19	Forward Servlet Render Request	getServletPath	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.getServletPath</code> must a value corresponding to the path used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Forward Servlet Render Request	getSession	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.getSession</code> must provide the same functionality as <code>RenderRequest.getPortletSession(APPLICATION_SCOPE)</code>
SPEC2_19	Forward Servlet Render Request	getUserPrincipal	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.getUserPrincipal</code> must provide the same functionality as <code>RenderRequest.getUserPrincipal</code>
SPEC2_19	Forward Servlet Render Request	isRequestedSessionIdValid	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.isRequestedSessionIdValid</code> must provide the same functionality as <code>RenderRequest.isRequestedSessionIdValid</code>
SPEC2_19	Forward Servlet Render Request	isSecure	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.isSecure</code> must provide the same functionality as <code>RenderRequest.isSecure</code>
SPEC2_19	Forward Servlet Render Request	isUserInRole	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.isUserInRole</code> must provide the same functionality as <code>RenderRequest.isUserInRole</code>
SPEC2_19	Forward Servlet Render Request	removeAttribute	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.removeAttribute</code> must provide the same functionality as <code>RenderRequest.removeAttribute</code>
SPEC2_19	Forward Servlet Render Request	setAttribute	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.setAttribute</code> must provide the same functionality as <code>RenderRequest.setAttribute</code>
SPEC2_19	Forward Servlet Render Response	containsHeader	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletResponse.containsHeader</code> must return false
SPEC2_19	Forward Servlet Render Response	encodeRedirectURL1	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletResponse.encodeRedirectURL</code> must return null
SPEC2_19	Forward Servlet Render Response	encodeRedirectUrl	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletResponse.encodeRedirectUrl</code> must return null
SPEC2_19	Forward Servlet Render Response	encodeURL1	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletResponse.encodeURL</code> must provide the same functionality as <code>RenderResponse.encodeURL</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward Servlet Render Response	encodeUrl	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletResponse.encodeUrl</code> must provide the same functionality as <code>RenderResponse.encodeURL</code>
SPEC2_19	Forward Servlet Render Response	getBufferSize	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletResponse.getBufferSize</code> must provide the same functionality as <code>RenderResponse.getBufferSize</code>
SPEC2_19	Forward Servlet Render Response	getCharacterEncoding	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletResponse.getCharacterEncoding</code> must provide the same functionality as <code>RenderResponse.getCharacterEncoding</code>
SPEC2_19	Forward Servlet Render Response	getContentType	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletResponse.getContentType</code> must provide the same functionality as <code>RenderResponse.getContentType</code>
SPEC2_19	Forward Servlet Render Response	getLocale	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletResponse.getLocale</code> must provide the same functionality as <code>RenderResponse.getLocale</code>
SPEC2_19	Forward Servlet Render Response	isCommitted	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletResponse.isCommitted</code> must provide the same functionality as <code>RenderResponse.isCommitted</code>
SPEC2_19	Forward Servlet Resource Request	getAttribute	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.getAttribute</code> must provide the same functionality as <code>ResourceRequest.getAttribute</code>
SPEC2_19	Forward Servlet Resource Request	getAttributeNames	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.getAttributeNames</code> must provide the same functionality as <code>ResourceRequest.getAttributeNames</code>
SPEC2_19	Forward Servlet Resource Request	getAuthType	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.getAuthType</code> must provide the same functionality as <code>ResourceRequest.getAuthType</code>
SPEC2_19	Forward Servlet Resource Request	getCharacterEncoding	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.getCharacterEncoding</code> must provide the same functionality as <code>ResourceRequest.getCharacterEncoding</code>
SPEC2_19	Forward Servlet Resource Request	getContentLength	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.getContentLength</code> must provide the same functionality as <code>ResourceRequest.getContentLength</code>
SPEC2_19	Forward Servlet Resource Request	getContentType	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.getContentType</code> must provide the same functionality as <code>ResourceRequest.getContentType</code>
SPEC2_19	Forward Servlet Resource Request	getContextPath	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.getContextPath</code> must provide the same functionality as <code>ResourceRequest.getContextPath</code>
SPEC2_19	Forward Servlet Resource Request	getCookies	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.getCookies</code> must provide the same functionality as <code>ResourceRequest.getCookies</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward Servlet Resource Request	getDateHeader	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.getDateHeader</code> must return a value corresponding to that returned by <code>ResourceRequest.getProperty</code> for the corresponding header name
SPEC2_19	Forward Servlet Resource Request	getHeader	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.getHeader</code> must return a value corresponding to that returned by <code>ResourceRequest.getProperty</code> for the corresponding header name
SPEC2_19	Forward Servlet Resource Request	getHeaderNames	TRUE	In a target servlet of a forward in the Resource phase, the Enumeration returned by <code>HttpServletRequest.getHeaderNames</code> must be contained in the Enumeration returned by <code>ResourceRequest.getPropertyNames</code>
SPEC2_19	Forward Servlet Resource Request	getHeaders	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.getHeaders</code> must return a value corresponding to that returned by <code>ResourceRequest.getProperties</code> for the corresponding header name
SPEC2_19	Forward Servlet Resource Request	getIntHeader	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.getIntHeader</code> must return a value corresponding to that returned by <code>ResourceRequest.getProperty</code> for the corresponding header name
SPEC2_19	Forward Servlet Resource Request	getLocalAddr	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.getLocalAddr</code> must return null
SPEC2_19	Forward Servlet Resource Request	getLocalName	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.getLocalName</code> must return null
SPEC2_19	Forward Servlet Resource Request	getLocalPort	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.getLocalPort</code> must return 0
SPEC2_19	Forward Servlet Resource Request	getLocale	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.getLocale</code> must provide the same functionality as <code>ResourceRequest.getLocale</code>
SPEC2_19	Forward Servlet Resource Request	getLocales	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.getLocales</code> must provide the same functionality as <code>ResourceRequest.getLocales</code>
SPEC2_19	Forward Servlet Resource Request	getMethod	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.getMethod</code> must provide the same functionality as <code>ResourceRequest.getMethod</code>
SPEC2_19	Forward Servlet Resource Request	getParameter	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.getParameter</code> must provide the same functionality as <code>ResourceRequest.getParameter</code>
SPEC2_19	Forward Servlet Resource Request	getParameterMap	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.getParameterMap</code> must provide the same functionality as <code>ResourceRequest.getParameterMap</code>
SPEC2_19	Forward Servlet Resource Request	getParameterNames	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.getParameterNames</code> must provide the same functionality as <code>ResourceRequest.getParameterNames</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward Servlet Resource Request	getParameterValues	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.getParameterValues</code> must provide the same functionality as <code>ResourceRequest.getParameterValues</code>
SPEC2_19	Forward Servlet Resource Request	getPathInfo	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.getPathInfo</code> must a value corresponding to the path used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Forward Servlet Resource Request	getPathTranslated	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.getPathTranslated</code> must a value corresponding to the path used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Forward Servlet Resource Request	getProtocol	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.getProtocol</code> must return "HTTP/1.1"
SPEC2_19	Forward Servlet Resource Request	getQueryString	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.getQueryString</code> must a value corresponding to the query string information used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Forward Servlet Resource Request	getRealPath	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.getRealPath</code> must return null
SPEC2_19	Forward Servlet Resource Request	getRemoteAddr	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.getRemoteAddr</code> must return null
SPEC2_19	Forward Servlet Resource Request	getRemoteHost	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.getRemoteHost</code> must return null
SPEC2_19	Forward Servlet Resource Request	getRemotePort	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.getRemotePort</code> must return 0
SPEC2_19	Forward Servlet Resource Request	getRemoteUser	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.getRemoteUser</code> must provide the same functionality as <code>ResourceRequest.getRemoteUser</code>
SPEC2_19	Forward Servlet Resource Request	getRequestDispatcher	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.getRequestDispatcher</code> must provide functionality as defined in the servlet specification
SPEC2_19	Forward Servlet Resource Request	getRequestURI	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.getRequestURI</code> must a value corresponding to the path and query string information used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Forward Servlet Resource Request	getRequestURL	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.getRequestURL</code> must return null
SPEC2_19	Forward Servlet Resource Request	getRequestedSessionId	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.getRequestedSessionId</code> must provide the same functionality as <code>ResourceRequest.getRequestedSessionId</code>
SPEC2_19	Forward Servlet Resource Request	getScheme	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.getScheme</code> must provide the same functionality as <code>ResourceRequest.getScheme</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward Servlet Resource Request	getServerName	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.getServerName</code> must provide the same functionality as <code>ResourceRequest.getServerName</code>
SPEC2_19	Forward Servlet Resource Request	getServerPort	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.getServerPort</code> must provide the same functionality as <code>ResourceRequest.getServerPort</code>
SPEC2_19	Forward Servlet Resource Request	getServletPath	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.getServletPath</code> must a value corresponding to the path used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Forward Servlet Resource Request	getSession	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.getSession</code> must provide the same functionality as <code>ResourceRequest.getPortletSession(APPLICATION_SCOPE)</code>
SPEC2_19	Forward Servlet Resource Request	getUserPrincipal	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.getUserPrincipal</code> must provide the same functionality as <code>ResourceRequest.getUserPrincipal</code>
SPEC2_19	Forward Servlet Resource Request	isRequestedSessionIdValid	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.isRequestedSessionIdValid</code> must provide the same functionality as <code>ResourceRequest.isRequestedSessionIdValid</code>
SPEC2_19	Forward Servlet Resource Request	isSecure	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.isSecure</code> must provide the same functionality as <code>ResourceRequest.isSecure</code>
SPEC2_19	Forward Servlet Resource Request	isUserInRole	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.isUserInRole</code> must provide the same functionality as <code>ResourceRequest.isUserInRole</code>
SPEC2_19	Forward Servlet Resource Request	removeAttribute	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.removeAttribute</code> must provide the same functionality as <code>ResourceRequest.removeAttribute</code>
SPEC2_19	Forward Servlet Resource Request	setAttribute	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.setAttribute</code> must provide the same functionality as <code>ResourceRequest.setAttribute</code>
SPEC2_19	Forward Servlet Resource Response	containsHeader	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletResponse.containsHeader</code> must return false
SPEC2_19	Forward Servlet Resource Response	encodeRedirectURL1	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletResponse.encodeRedirectURL</code> must return null
SPEC2_19	Forward Servlet Resource Response	encodeRedirectUrl	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletResponse.encodeRedirectUrl</code> must return null
SPEC2_19	Forward Servlet Resource Response	encodeURL1	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletResponse.encodeURL</code> must provide the same functionality as <code>ResourceResponse.encodeURL</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward Servlet Resource Response	encodeUrl	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletResponse.encodeUrl</code> must provide the same functionality as <code>ResourceResponse.encodeURL</code>
SPEC2_19	Forward Servlet Resource Response	getBufferSize	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletResponse.getBufferSize</code> must provide the same functionality as <code>ResourceResponse.getBufferSize</code>
SPEC2_19	Forward Servlet Resource Response	getCharacterEncoding	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletResponse.getCharacterEncoding</code> must provide the same functionality as <code>ResourceResponse.getCharacterEncoding</code>
SPEC2_19	Forward Servlet Resource Response	getContentType	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletResponse.getContentType</code> must provide the same functionality as <code>ResourceResponse.getContentType</code>
SPEC2_19	Forward Servlet Resource Response	getLocale	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletResponse.getLocale</code> must provide the same functionality as <code>ResourceResponse.getLocale</code>
SPEC2_19	Forward Servlet Resource Response	isCommitted	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletResponse.isCommitted</code> must provide the same functionality as <code>ResourceResponse.isCommitted</code>
<b>Dispatcher ReqResp Tests 3</b>				
SPEC2_19	Include JSP Action Request	getAttribute	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.getAttribute</code> must provide the same functionality as <code>ActionRequest.getAttribute</code>
SPEC2_19	Include JSP Action Request	getAttributeNames	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.getAttributeNames</code> must provide the same functionality as <code>ActionRequest.getAttributeNames</code>
SPEC2_19	Include JSP Action Request	getAuthType	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.getAuthType</code> must provide the same functionality as <code>ActionRequest.getAuthType</code>
SPEC2_19	Include JSP Action Request	getCharacterEncoding	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.getCharacterEncoding</code> must provide the same functionality as <code>ActionRequest.getCharacterEncoding</code>
SPEC2_19	Include JSP Action Request	getContentLength	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.getContentLength</code> must provide the same functionality as <code>ActionRequest.getContentLength</code>
SPEC2_19	Include JSP Action Request	getContentType	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.getContentType</code> must provide the same functionality as <code>ActionRequest.getContentType</code>
SPEC2_19	Include JSP Action Request	getContextPath	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.getContextPath</code> must provide the same functionality as <code>ActionRequest.getContextPath</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include JSP Action Request	getCookies	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.getCookies</code> must provide the same functionality as <code>ActionRequest.getCookies</code>
SPEC2_19	Include JSP Action Request	getDateHeader	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.getDateHeader</code> must return a value corresponding to that returned by <code>ActionRequest.getProperty</code> for the corresponding header name
SPEC2_19	Include JSP Action Request	getHeader	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.getHeader</code> must return a value corresponding to that returned by <code>ActionRequest.getProperty</code> for the corresponding header name
SPEC2_19	Include JSP Action Request	getHeaderNames	TRUE	In a target jsp of a include in the Action phase, the Enumeration returned by <code>HttpServletRequest.getHeaderNames</code> must be contained in the Enumeration returned by <code>ActionRequest.getPropertyNames</code>
SPEC2_19	Include JSP Action Request	getHeaders	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.getHeaders</code> must return a value corresponding to that returned by <code>ActionRequest.getProperties</code> for the corresponding header name
SPEC2_19	Include JSP Action Request	getIntHeader	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.getIntHeader</code> must return a value corresponding to that returned by <code>ActionRequest.getProperty</code> for the corresponding header name
SPEC2_19	Include JSP Action Request	getLocalAddr	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.getLocalAddr</code> must return null
SPEC2_19	Include JSP Action Request	getLocalName	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.getLocalName</code> must return null
SPEC2_19	Include JSP Action Request	getLocalPort	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.getLocalPort</code> must return 0
SPEC2_19	Include JSP Action Request	getLocale	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.getLocale</code> must provide the same functionality as <code>ActionRequest.getLocale</code>
SPEC2_19	Include JSP Action Request	getLocales	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.getLocales</code> must provide the same functionality as <code>ActionRequest.getLocales</code>
SPEC2_19	Include JSP Action Request	getMethod	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.getMethod</code> must provide the same functionality as <code>ActionRequest.getMethod</code>
SPEC2_19	Include JSP Action Request	getParameter	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.getParameter</code> must provide the same functionality as <code>ActionRequest.getParameter</code>
SPEC2_19	Include JSP Action Request	getParameterMap	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.getParameterMap</code> must provide the same functionality as <code>ActionRequest.getParameterMap</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include JSP Action Request	getParameterNames	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.getParameterNames</code> must provide the same functionality as <code>ActionRequest.getParameterNames</code>
SPEC2_19	Include JSP Action Request	getParameterValues	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.getParameterValues</code> must provide the same functionality as <code>ActionRequest.getParameterValues</code>
SPEC2_19	Include JSP Action Request	getPathInfo	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.getPathInfo</code> must a value corresponding to the path used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Include JSP Action Request	getPathTranslated	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.getPathTranslated</code> must a value corresponding to the path used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Include JSP Action Request	getProtocol	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.getProtocol</code> must return "HTTP/1.1"
SPEC2_19	Include JSP Action Request	getQueryString	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.getQueryString</code> must a value corresponding to the query string information used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Include JSP Action Request	getRealPath	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.getRealPath</code> must return null
SPEC2_19	Include JSP Action Request	getRemoteAddr	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.getRemoteAddr</code> must return null
SPEC2_19	Include JSP Action Request	getRemoteHost	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.getRemoteHost</code> must return null
SPEC2_19	Include JSP Action Request	getRemotePort	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.getRemotePort</code> must return 0
SPEC2_19	Include JSP Action Request	getRemoteUser	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.getRemoteUser</code> must provide the same functionality as <code>ActionRequest.getRemoteUser</code>
SPEC2_19	Include JSP Action Request	getRequestDispatcher	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.getRequestDispatcher</code> must provide functionality as defined in the servlet specification
SPEC2_19	Include JSP Action Request	getRequestURI	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.getRequestURI</code> must a value corresponding to the path and query string information used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Include JSP Action Request	getRequestURL	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.getRequestURL</code> must return null
SPEC2_19	Include JSP Action Request	getRequestedSessionId	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.getRequestedSessionId</code> must provide the same functionality as <code>ActionRequest.getRequestedSessionId</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include JSP Action Request	getScheme	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.getScheme</code> must provide the same functionality as <code>ActionRequest.getScheme</code>
SPEC2_19	Include JSP Action Request	getServerName	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.getServerName</code> must provide the same functionality as <code>ActionRequest.getServerName</code>
SPEC2_19	Include JSP Action Request	getServerPort	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.getServerPort</code> must provide the same functionality as <code>ActionRequest.getServerPort</code>
SPEC2_19	Include JSP Action Request	getServletPath	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.getServletPath</code> must a value corresponding to the path used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Include JSP Action Request	getSession	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.getSession</code> must provide the same functionality as <code>ActionRequest.getPortletSession(APPLICATION_SCOPE)</code>
SPEC2_19	Include JSP Action Request	getUserPrincipal	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.getUserPrincipal</code> must provide the same functionality as <code>ActionRequest.getUserPrincipal</code>
SPEC2_19	Include JSP Action Request	isRequestedSessionIdValid	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.isRequestedSessionIdValid</code> must provide the same functionality as <code>ActionRequest.isRequestedSessionIdValid</code>
SPEC2_19	Include JSP Action Request	isSecure	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.isSecure</code> must provide the same functionality as <code>ActionRequest.isSecure</code>
SPEC2_19	Include JSP Action Request	isUserInRole	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.isUserInRole</code> must provide the same functionality as <code>ActionRequest.isUserInRole</code>
SPEC2_19	Include JSP Action Request	removeAttribute	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.removeAttribute</code> must provide the same functionality as <code>ActionRequest.removeAttribute</code>
SPEC2_19	Include JSP Action Request	setAttribute	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.setAttribute</code> must provide the same functionality as <code>ActionRequest.setAttribute</code>
SPEC2_19	Include JSP Action Response	containsHeader	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletResponse.containsHeader</code> must return false
SPEC2_19	Include JSP Action Response	encodeRedirectURL1	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletResponse.encodeRedirectURL</code> must return null
SPEC2_19	Include JSP Action Response	encodeRedirectUrl	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletResponse.encodeRedirectUrl</code> must return null

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include JSP Action Response	encodeURL1	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletResponse.encodeURL</code> must provide the same functionality as <code>ActionResponse.encodeURL</code>
SPEC2_19	Include JSP Action Response	encodeUrl	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletResponse.encodeUrl</code> must provide the same functionality as <code>ActionResponse.encodeURL</code>
SPEC2_19	Include JSP Action Response	getBufferSize	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletResponse.getBufferSize</code> must return 0
SPEC2_19	Include JSP Action Response	getCharacterEncoding	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletResponse.getCharacterEncoding</code> must return null
SPEC2_19	Include JSP Action Response	getContentType	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletResponse.getContentType</code> must return null
SPEC2_19	Include JSP Action Response	getLocale	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletResponse.getLocale</code> must return null
SPEC2_19	Include JSP Action Response	isCommitted	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletResponse.isCommitted</code> must return true
SPEC2_19	Include JSP Event Request	getAttribute	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.getAttribute</code> must provide the same functionality as <code>EventRequest.getAttribute</code>
SPEC2_19	Include JSP Event Request	getAttributeNames	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.getAttributeNames</code> must provide the same functionality as <code>EventRequest.getAttributeNames</code>
SPEC2_19	Include JSP Event Request	getAuthType	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.getAuthType</code> must provide the same functionality as <code>EventRequest.getAuthType</code>
SPEC2_19	Include JSP Event Request	getCharacterEncoding	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.getCharacterEncoding</code> must return null
SPEC2_19	Include JSP Event Request	getContentLength	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.getContentLength</code> must return 0
SPEC2_19	Include JSP Event Request	getContentType	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.getContentType</code> must return null
SPEC2_19	Include JSP Event Request	getContextPath	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.getContextPath</code> must provide the same functionality as <code>EventRequest.getContextPath</code>
SPEC2_19	Include JSP Event Request	getCookies	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.getCookies</code> must provide the same functionality as <code>EventRequest.getCookies</code>
SPEC2_19	Include JSP Event Request	getDateHeader	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.getDateHeader</code> must return a value corresponding to that returned by <code>EventRequest.getProperty</code> for the corresponding header name

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include JSP Event Request	getHeader	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.getHeader</code> must return a value corresponding to that returned by <code>EventRequest.getProperty</code> for the corresponding header name
SPEC2_19	Include JSP Event Request	getHeaderNames	TRUE	In a target jsp of a include in the Event phase, the Enumeration returned by <code>HttpServletRequest.getHeaderNames</code> must be contained in the Enumeration returned by <code>EventRequest.getPropertyNames</code>
SPEC2_19	Include JSP Event Request	getHeaders	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.getHeaders</code> must return a value corresponding to that returned by <code>EventRequest.getProperties</code> for the corresponding header name
SPEC2_19	Include JSP Event Request	getInputStream	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.getInputStream</code> must return null
SPEC2_19	Include JSP Event Request	getIntHeader	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.getIntHeader</code> must return a value corresponding to that returned by <code>EventRequest.getProperty</code> for the corresponding header name
SPEC2_19	Include JSP Event Request	getLocalAddr	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.getLocalAddr</code> must return null
SPEC2_19	Include JSP Event Request	getLocalName	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.getLocalName</code> must return null
SPEC2_19	Include JSP Event Request	getLocalPort	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.getLocalPort</code> must return 0
SPEC2_19	Include JSP Event Request	getLocale	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.getLocale</code> must provide the same functionality as <code>EventRequest.getLocale</code>
SPEC2_19	Include JSP Event Request	getLocales	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.getLocales</code> must provide the same functionality as <code>EventRequest.getLocales</code>
SPEC2_19	Include JSP Event Request	getMethod	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.getMethod</code> must provide the same functionality as <code>EventRequest.getMethod</code>
SPEC2_19	Include JSP Event Request	getParameter	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.getParameter</code> must provide the same functionality as <code>EventRequest.getParameter</code>
SPEC2_19	Include JSP Event Request	getParameterMap	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.getParameterMap</code> must provide the same functionality as <code>EventRequest.getParameterMap</code>
SPEC2_19	Include JSP Event Request	getParameterNames	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.getParameterNames</code> must provide the same functionality as <code>EventRequest.getParameterNames</code>
SPEC2_19	Include JSP Event Request	getParameterValues	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.getParameterValues</code> must provide the same functionality as <code>EventRequest.getParameterValues</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include JSP Event Request	getPathInfo	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.getPathInfo</code> must a value corresponding to the path used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Include JSP Event Request	getPathTranslated	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.getPathTranslated</code> must a value corresponding to the path used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Include JSP Event Request	getProtocol	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.getProtocol</code> must return "HTTP/1.1"
SPEC2_19	Include JSP Event Request	getQueryString	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.getQueryString</code> must a value corresponding to the query string information used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Include JSP Event Request	getReader	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.getReader</code> must return null
SPEC2_19	Include JSP Event Request	getRealPath	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.getRealPath</code> must return null
SPEC2_19	Include JSP Event Request	getRemoteAddr	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.getRemoteAddr</code> must return null
SPEC2_19	Include JSP Event Request	getRemoteHost	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.getRemoteHost</code> must return null
SPEC2_19	Include JSP Event Request	getRemotePort	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.getRemotePort</code> must return 0
SPEC2_19	Include JSP Event Request	getRemoteUser	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.getRemoteUser</code> must provide the same functionality as <code>EventRequest.getRemoteUser</code>
SPEC2_19	Include JSP Event Request	getRequestDispatcher	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.getRequestDispatcher</code> must provide functionality as defined in the servlet specification
SPEC2_19	Include JSP Event Request	getRequestURI	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.getRequestURI</code> must a value corresponding to the path and query string information used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Include JSP Event Request	getRequestURL	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.getRequestURL</code> must return null
SPEC2_19	Include JSP Event Request	getRequestedSessionId	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.getRequestedSessionId</code> must provide the same functionality as <code>EventRequest.getRequestedSessionId</code>
SPEC2_19	Include JSP Event Request	getScheme	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.getScheme</code> must provide the same functionality as <code>EventRequest.getScheme</code>
SPEC2_19	Include JSP Event Request	getServerName	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.getServerName</code> must provide the same functionality as <code>EventRequest.getServerName</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include JSP Event Request	getServerPort	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.getServerPort</code> must provide the same functionality as <code>EventRequest.getServerPort</code>
SPEC2_19	Include JSP Event Request	getServletPath	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.getServletPath</code> must a value corresponding to the path used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Include JSP Event Request	getSession	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.getSession</code> must provide the same functionality as <code>EventRequest.getPortletSession(APPLICATION_SCOPE)</code>
SPEC2_19	Include JSP Event Request	getUserPrincipal	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.getUserPrincipal</code> must provide the same functionality as <code>EventRequest.getUserPrincipal</code>
SPEC2_19	Include JSP Event Request	isRequestedSessionIdValid	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.isRequestedSessionIdValid</code> must provide the same functionality as <code>EventRequest.isRequestedSessionIdValid</code>
SPEC2_19	Include JSP Event Request	isSecure	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.isSecure</code> must provide the same functionality as <code>EventRequest.isSecure</code>
SPEC2_19	Include JSP Event Request	isUserInRole	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.isUserInRole</code> must provide the same functionality as <code>EventRequest.isUserInRole</code>
SPEC2_19	Include JSP Event Request	removeAttribute	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.removeAttribute</code> must provide the same functionality as <code>EventRequest.removeAttribute</code>
SPEC2_19	Include JSP Event Request	setAttribute	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.setAttribute</code> must provide the same functionality as <code>EventRequest.setAttribute</code>
SPEC2_19	Include JSP Event Response	containsHeader	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletResponse.containsHeader</code> must return false
SPEC2_19	Include JSP Event Response	encodeRedirectURL1	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletResponse.encodeRedirectURL</code> must return null
SPEC2_19	Include JSP Event Response	encodeRedirectUrl	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletResponse.encodeRedirectUrl</code> must return null
SPEC2_19	Include JSP Event Response	encodeURL1	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletResponse.encodeURL</code> must provide the same functionality as <code>EventResponse.encodeURL</code>
SPEC2_19	Include JSP Event Response	encodeUrl	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletResponse.encodeUrl</code> must provide the same functionality as <code>EventResponse.encodeURL</code>
SPEC2_19	Include JSP Event Response	getBufferSize	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletResponse.getBufferSize</code> must return 0

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include JSP Event Response	getCharacterEncoding	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletResponse.setCharacterEncoding</code> must return null
SPEC2_19	Include JSP Event Response	getContentType	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletResponse.setContentType</code> must return null
SPEC2_19	Include JSP Event Response	getLocale	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletResponse.getLocale</code> must return null
SPEC2_19	Include JSP Event Response	isCommitted	TRUE	In a target jsp of a include in the Event phase, the method <code>HttpServletResponse.isCommitted</code> must return true
SPEC2_19	Include JSP Render Request	getAttribute	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.getAttribute</code> must provide the same functionality as <code>RenderRequest.getAttribute</code>
SPEC2_19	Include JSP Render Request	getAttributeNames	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.getAttributeNames</code> must provide the same functionality as <code>RenderRequest.getAttributeNames</code>
SPEC2_19	Include JSP Render Request	getAuthType	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.getAuthType</code> must provide the same functionality as <code>RenderRequest.getAuthType</code>
SPEC2_19	Include JSP Render Request	getCharacterEncoding	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.setCharacterEncoding</code> must return null
SPEC2_19	Include JSP Render Request	getContentLength	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.getContentLength</code> must return 0
SPEC2_19	Include JSP Render Request	getContentType	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.setContentType</code> must return null
SPEC2_19	Include JSP Render Request	getContextPath	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.getContextPath</code> must provide the same functionality as <code>RenderRequest.getContextPath</code>
SPEC2_19	Include JSP Render Request	getCookies	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.getCookies</code> must provide the same functionality as <code>RenderRequest.getCookies</code>
SPEC2_19	Include JSP Render Request	getDateHeader	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.getDateHeader</code> must return a value corresponding to that returned by <code>RenderRequest.getProperty</code> for the corresponding header name
SPEC2_19	Include JSP Render Request	getHeader	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.getHeader</code> must return a value corresponding to that returned by <code>RenderRequest.getProperty</code> for the corresponding header name
SPEC2_19	Include JSP Render Request	getHeaderNames	TRUE	In a target jsp of a include in the Render phase, the Enumeration returned by <code>HttpServletRequest.getHeaderNames</code> must be contained in the Enumeration returned by <code>RenderRequest.getPropertyNames</code>
SPEC2_19	Include JSP Render Request	getHeaders	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.getHeaders</code> must return a value corresponding to that returned by <code>RenderRequest.getProperties</code> for the corresponding header name

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include JSP Render Request	getInputStream	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.getInputStream</code> must return null
SPEC2_19	Include JSP Render Request	getIntHeader	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.getIntHeader</code> must return a value corresponding to that returned by <code>RenderRequest.getProperty</code> for the corresponding header name
SPEC2_19	Include JSP Render Request	getLocalAddr	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.getLocalAddr</code> must return null
SPEC2_19	Include JSP Render Request	getLocalName	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.getLocalName</code> must return null
SPEC2_19	Include JSP Render Request	getLocalPort	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.getLocalPort</code> must return 0
SPEC2_19	Include JSP Render Request	getLocale	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.getLocale</code> must provide the same functionality as <code>RenderRequest.getLocale</code>
SPEC2_19	Include JSP Render Request	getLocales	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.getLocales</code> must provide the same functionality as <code>RenderRequest.getLocales</code>
SPEC2_19	Include JSP Render Request	getMethod	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.getMethod</code> must return "GET"
SPEC2_19	Include JSP Render Request	getParameter	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.getParameter</code> must provide the same functionality as <code>RenderRequest.getParameter</code>
SPEC2_19	Include JSP Render Request	getParameterMap	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.getParameterMap</code> must provide the same functionality as <code>RenderRequest.getParameterMap</code>
SPEC2_19	Include JSP Render Request	getParameterNames	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.getParameterNames</code> must provide the same functionality as <code>RenderRequest.getParameterNames</code>
SPEC2_19	Include JSP Render Request	getParameterValues	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.getParameterValues</code> must provide the same functionality as <code>RenderRequest.getParameterValues</code>
SPEC2_19	Include JSP Render Request	getPathInfo	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.getPathInfo</code> must a value corresponding to the path used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Include JSP Render Request	getPathTranslated	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.getPathTranslated</code> must a value corresponding to the path used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Include JSP Render Request	getProtocol	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.getProtocol</code> must return "HTTP/1.1"

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include JSP Render Request	getQueryString	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.getQueryString</code> must a value corresponding to the query string information used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Include JSP Render Request	getReader	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.getReader</code> must return null
SPEC2_19	Include JSP Render Request	getRealPath	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.getRealPath</code> must return null
SPEC2_19	Include JSP Render Request	getRemoteAddr	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.getRemoteAddr</code> must return null
SPEC2_19	Include JSP Render Request	getRemoteHost	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.getRemoteHost</code> must return null
SPEC2_19	Include JSP Render Request	getRemotePort	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.getRemotePort</code> must return 0
SPEC2_19	Include JSP Render Request	getRemoteUser	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.getRemoteUser</code> must provide the same functionality as <code>RenderRequest.getRemoteUser</code>
SPEC2_19	Include JSP Render Request	getRequestDispatcher	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.getRequestDispatcher</code> must provide functionality as defined in the servlet specification
SPEC2_19	Include JSP Render Request	getRequestURI	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.getRequestURI</code> must a value corresponding to the path and query string information used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Include JSP Render Request	getRequestURL	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.getRequestURL</code> must return null
SPEC2_19	Include JSP Render Request	getRequestedSessionId	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.getRequestedSessionId</code> must provide the same functionality as <code>RenderRequest.getRequestedSessionId</code>
SPEC2_19	Include JSP Render Request	getScheme	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.getScheme</code> must provide the same functionality as <code>RenderRequest.getScheme</code>
SPEC2_19	Include JSP Render Request	getServerName	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.getServerName</code> must provide the same functionality as <code>RenderRequest.getServerName</code>
SPEC2_19	Include JSP Render Request	getServerPort	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.getServerPort</code> must provide the same functionality as <code>RenderRequest.getServerPort</code>
SPEC2_19	Include JSP Render Request	getServletPath	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.getServletPath</code> must a value corresponding to the path used to obtain the <code>PortletRequestDispatcher</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include JSP Render Request	getSession	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.getSession</code> must provide the same functionality as <code>RenderRequest.getPortletSession(APPLICATION_SCOPE)</code>
SPEC2_19	Include JSP Render Request	getUserPrincipal	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.getUserPrincipal</code> must provide the same functionality as <code>RenderRequest.getUserPrincipal</code>
SPEC2_19	Include JSP Render Request	isRequestedSessionIdValid	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.isRequestedSessionIdValid</code> must provide the same functionality as <code>RenderRequest.isRequestedSessionIdValid</code>
SPEC2_19	Include JSP Render Request	isSecure	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.isSecure</code> must provide the same functionality as <code>RenderRequest.isSecure</code>
SPEC2_19	Include JSP Render Request	isUserInRole	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.isUserInRole</code> must provide the same functionality as <code>RenderRequest.isUserInRole</code>
SPEC2_19	Include JSP Render Request	removeAttribute	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.removeAttribute</code> must provide the same functionality as <code>RenderRequest.removeAttribute</code>
SPEC2_19	Include JSP Render Request	setAttribute	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.setAttribute</code> must provide the same functionality as <code>RenderRequest.setAttribute</code>
SPEC2_19	Include JSP Render Response	containsHeader	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletResponse.containsHeader</code> must return false
SPEC2_19	Include JSP Render Response	encodeRedirectURL1	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletResponse.encodeRedirectURL</code> must return null
SPEC2_19	Include JSP Render Response	encodeRedirectUrl	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletResponse.encodeRedirectUrl</code> must return null
SPEC2_19	Include JSP Render Response	encodeURL1	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletResponse.encodeURL</code> must provide the same functionality as <code>RenderResponse.encodeURL</code>
SPEC2_19	Include JSP Render Response	encodeUrl	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletResponse.encodeUrl</code> must provide the same functionality as <code>RenderResponse.encodeURL</code>
SPEC2_19	Include JSP Render Response	getBufferSize	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletResponse.getBufferSize</code> must provide the same functionality as <code>RenderResponse.getBufferSize</code>
SPEC2_19	Include JSP Render Response	getCharacterEncoding	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletResponse.getCharacterEncoding</code> must provide the same functionality as <code>RenderResponse.getCharacterEncoding</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include JSP Render Response	getContentType	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletResponse.getContentType</code> must provide the same functionality as <code>RenderResponse.getContentType</code>
SPEC2_19	Include JSP Render Response	getLocale	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletResponse.getLocale</code> must provide the same functionality as <code>RenderResponse.getLocale</code>
SPEC2_19	Include JSP Render Response	isCommitted	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletResponse.isCommitted</code> must provide the same functionality as <code>RenderResponse.isCommitted</code>
SPEC2_19	Include JSP Resource Request	getAttribute	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.getAttribute</code> must provide the same functionality as <code>ResourceRequest.getAttribute</code>
SPEC2_19	Include JSP Resource Request	getAttributeNames	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.getAttributeNames</code> must provide the same functionality as <code>ResourceRequest.getAttributeNames</code>
SPEC2_19	Include JSP Resource Request	getAuthType	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.getAuthType</code> must provide the same functionality as <code>ResourceRequest.getAuthType</code>
SPEC2_19	Include JSP Resource Request	getCharacterEncoding	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.getCharacterEncoding</code> must provide the same functionality as <code>ResourceRequest.getCharacterEncoding</code>
SPEC2_19	Include JSP Resource Request	getContentLength	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.getContentLength</code> must provide the same functionality as <code>ResourceRequest.getContentLength</code>
SPEC2_19	Include JSP Resource Request	getContentType	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.getContentType</code> must provide the same functionality as <code>ResourceRequest.getContentType</code>
SPEC2_19	Include JSP Resource Request	getContextPath	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.getContextPath</code> must provide the same functionality as <code>ResourceRequest.getContextPath</code>
SPEC2_19	Include JSP Resource Request	getCookies	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.getCookies</code> must provide the same functionality as <code>ResourceRequest.getCookies</code>
SPEC2_19	Include JSP Resource Request	getDateHeader	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.getDateHeader</code> must return a value corresponding to that returned by <code>ResourceRequest.getProperty</code> for the corresponding header name
SPEC2_19	Include JSP Resource Request	getHeader	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.getHeader</code> must return a value corresponding to that returned by <code>ResourceRequest.getProperty</code> for the corresponding header name
SPEC2_19	Include JSP Resource Request	getHeaderNames	TRUE	In a target jsp of a include in the Resource phase, the Enumeration returned by <code>HttpServletRequest.getHeaderNames</code> must be contained in the Enumeration returned by <code>ResourceRequest.getPropertyNames</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include JSP Resource Request	getHeaders	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.getHeaders</code> must return a value corresponding to that returned by <code>ResourceRequest.getProperties</code> for the corresponding header name
SPEC2_19	Include JSP Resource Request	getIntHeader	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.getIntHeader</code> must return a value corresponding to that returned by <code>ResourceRequest.getProperty</code> for the corresponding header name
SPEC2_19	Include JSP Resource Request	getLocalAddr	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.getLocalAddr</code> must return null
SPEC2_19	Include JSP Resource Request	getLocalName	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.getLocalName</code> must return null
SPEC2_19	Include JSP Resource Request	getLocalPort	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.getLocalPort</code> must return 0
SPEC2_19	Include JSP Resource Request	getLocale	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.getLocale</code> must provide the same functionality as <code>ResourceRequest.getLocale</code>
SPEC2_19	Include JSP Resource Request	getLocales	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.getLocales</code> must provide the same functionality as <code>ResourceRequest.getLocales</code>
SPEC2_19	Include JSP Resource Request	getMethod	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.getMethod</code> must provide the same functionality as <code>ResourceRequest.getMethod</code>
SPEC2_19	Include JSP Resource Request	getParameter	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.getParameter</code> must provide the same functionality as <code>ResourceRequest.getParameter</code>
SPEC2_19	Include JSP Resource Request	getParameterMap	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.getParameterMap</code> must provide the same functionality as <code>ResourceRequest.getParameterMap</code>
SPEC2_19	Include JSP Resource Request	getParameterNames	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.getParameterNames</code> must provide the same functionality as <code>ResourceRequest.getParameterNames</code>
SPEC2_19	Include JSP Resource Request	getParameterValues	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.getParameterValues</code> must provide the same functionality as <code>ResourceRequest.getParameterValues</code>
SPEC2_19	Include JSP Resource Request	getPathInfo	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.getPathInfo</code> must a value corresponding to the path used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Include JSP Resource Request	getPathTranslated	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.getPathTranslated</code> must a value corresponding to the path used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Include JSP Resource Request	getProtocol	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.getProtocol</code> must return "HTTP/1.1"

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include JSP Resource Request	getQueryString	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.getQueryString</code> must a value corresponding to the query string information used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Include JSP Resource Request	getRealPath	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.getRealPath</code> must return null
SPEC2_19	Include JSP Resource Request	getRemoteAddr	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.getRemoteAddr</code> must return null
SPEC2_19	Include JSP Resource Request	getRemoteHost	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.getRemoteHost</code> must return null
SPEC2_19	Include JSP Resource Request	getRemotePort	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.getRemotePort</code> must return 0
SPEC2_19	Include JSP Resource Request	getRemoteUser	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.getRemoteUser</code> must provide the same functionality as <code>ResourceRequest.getRemoteUser</code>
SPEC2_19	Include JSP Resource Request	getRequestDispatcher	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.getRequestDispatcher</code> must provide functionality as defined in the servlet specification
SPEC2_19	Include JSP Resource Request	getRequestURI	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.getRequestURI</code> must a value corresponding to the path and query string information used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Include JSP Resource Request	getRequestURL	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.getRequestURL</code> must return null
SPEC2_19	Include JSP Resource Request	getRequestedSessionId	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.getRequestedSessionId</code> must provide the same functionality as <code>ResourceRequest.getRequestedSessionId</code>
SPEC2_19	Include JSP Resource Request	getScheme	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.getScheme</code> must provide the same functionality as <code>ResourceRequest.getScheme</code>
SPEC2_19	Include JSP Resource Request	getServerName	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.getServerName</code> must provide the same functionality as <code>ResourceRequest.getServerName</code>
SPEC2_19	Include JSP Resource Request	getServerPort	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.getServerPort</code> must provide the same functionality as <code>ResourceRequest.getServerPort</code>
SPEC2_19	Include JSP Resource Request	getServletPath	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.getServletPath</code> must a value corresponding to the path used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Include JSP Resource Request	getSession	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.getSession</code> must provide the same functionality as <code>ResourceRequest.getPortletSession(APPLICATION_SCOPE)</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include JSP Resource Request	getUserPrincipal	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.getUserPrincipal</code> must provide the same functionality as <code>ResourceRequest.getUserPrincipal</code>
SPEC2_19	Include JSP Resource Request	isRequestedSessionIdValid	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.isRequestedSessionIdValid</code> must provide the same functionality as <code>ResourceRequest.isRequestedSessionIdValid</code>
SPEC2_19	Include JSP Resource Request	isSecure	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.isSecure</code> must provide the same functionality as <code>ResourceRequest.isSecure</code>
SPEC2_19	Include JSP Resource Request	isUserInRole	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.isUserInRole</code> must provide the same functionality as <code>ResourceRequest.isUserInRole</code>
SPEC2_19	Include JSP Resource Request	removeAttribute	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.removeAttribute</code> must provide the same functionality as <code>ResourceRequest.removeAttribute</code>
SPEC2_19	Include JSP Resource Request	setAttribute	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.setAttribute</code> must provide the same functionality as <code>ResourceRequest.setAttribute</code>
SPEC2_19	Include JSP Resource Response	containsHeader	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletResponse.containsHeader</code> must return false
SPEC2_19	Include JSP Resource Response	encodeRedirectURL1	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletResponse.encodeRedirectURL</code> must return null
SPEC2_19	Include JSP Resource Response	encodeRedirectUrl	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletResponse.encodeRedirectUrl</code> must return null
SPEC2_19	Include JSP Resource Response	encodeURL1	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletResponse.encodeURL</code> must provide the same functionality as <code>ResourceResponse.encodeURL</code>
SPEC2_19	Include JSP Resource Response	encodeUrl	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletResponse.encodeUrl</code> must provide the same functionality as <code>ResourceResponse.encodeURL</code>
SPEC2_19	Include JSP Resource Response	getBufferSize	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletResponse.getBufferSize</code> must provide the same functionality as <code>ResourceResponse.getBufferSize</code>
SPEC2_19	Include JSP Resource Response	getCharacterEncoding	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletResponse.getCharacterEncoding</code> must provide the same functionality as <code>ResourceResponse.getCharacterEncoding</code>
SPEC2_19	Include JSP Resource Response	getContentType	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletResponse.getContentType</code> must provide the same functionality as <code>ResourceResponse.getContentType</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include JSP Resource Response	getLocale	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletResponse.getLocale</code> must provide the same functionality as <code>ResourceResponse.getLocale</code>
SPEC2_19	Include JSP Resource Response	isCommitted	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletResponse.isCommitted</code> must provide the same functionality as <code>ResourceResponse.isCommitted</code>
<b>Dispatcher ReqResp Tests 4</b>				
SPEC2_19	Include Servlet Action Request	getAttribute	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.getAttribute</code> must provide the same functionality as <code>ActionRequest.getAttribute</code>
SPEC2_19	Include Servlet Action Request	getAttributeNames	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.getAttributeNames</code> must provide the same functionality as <code>ActionRequest.getAttributeNames</code>
SPEC2_19	Include Servlet Action Request	getAuthType	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.getAuthType</code> must provide the same functionality as <code>ActionRequest.getAuthType</code>
SPEC2_19	Include Servlet Action Request	getCharacterEncoding	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.getCharacterEncoding</code> must provide the same functionality as <code>ActionRequest.getCharacterEncoding</code>
SPEC2_19	Include Servlet Action Request	getContentLength	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.getContentLength</code> must provide the same functionality as <code>ActionRequest.getContentLength</code>
SPEC2_19	Include Servlet Action Request	getContentType	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.getContentType</code> must provide the same functionality as <code>ActionRequest.getContentType</code>
SPEC2_19	Include Servlet Action Request	getContextPath	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.getContextPath</code> must provide the same functionality as <code>ActionRequest.getContextPath</code>
SPEC2_19	Include Servlet Action Request	getCookies	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.getCookies</code> must provide the same functionality as <code>ActionRequest.getCookies</code>
SPEC2_19	Include Servlet Action Request	getDateHeader	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.getDateHeader</code> must return a value corresponding to that returned by <code>ActionRequest.getProperty</code> for the corresponding header name
SPEC2_19	Include Servlet Action Request	getHeader	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.getHeader</code> must return a value corresponding to that returned by <code>ActionRequest.getProperty</code> for the corresponding header name
SPEC2_19	Include Servlet Action Request	getHeaderNames	TRUE	In a target servlet of a include in the Action phase, the Enumeration returned by <code>HttpServletRequest.getHeaderNames</code> must be contained in the Enumeration returned by <code>ActionRequest.getPropertyNames</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include Servlet Action Request	getHeaders	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.getHeaders</code> must return a value corresponding to that returned by <code>ActionRequest.getProperties</code> for the corresponding header name
SPEC2_19	Include Servlet Action Request	getIntHeader	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.getIntHeader</code> must return a value corresponding to that returned by <code>ActionRequest.getProperty</code> for the corresponding header name
SPEC2_19	Include Servlet Action Request	getLocalAddr	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.getLocalAddr</code> must return null
SPEC2_19	Include Servlet Action Request	getLocalName	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.getLocalName</code> must return null
SPEC2_19	Include Servlet Action Request	getLocalPort	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.getLocalPort</code> must return 0
SPEC2_19	Include Servlet Action Request	getLocale	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.getLocale</code> must provide the same functionality as <code>ActionRequest.getLocale</code>
SPEC2_19	Include Servlet Action Request	getLocales	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.getLocales</code> must provide the same functionality as <code>ActionRequest.getLocales</code>
SPEC2_19	Include Servlet Action Request	getMethod	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.getMethod</code> must provide the same functionality as <code>ActionRequest.getMethod</code>
SPEC2_19	Include Servlet Action Request	getParameter	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.getParameter</code> must provide the same functionality as <code>ActionRequest.getParameter</code>
SPEC2_19	Include Servlet Action Request	getParameterMap	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.getParameterMap</code> must provide the same functionality as <code>ActionRequest.getParameterMap</code>
SPEC2_19	Include Servlet Action Request	getParameterNames	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.getParameterNames</code> must provide the same functionality as <code>ActionRequest.getParameterNames</code>
SPEC2_19	Include Servlet Action Request	getParameterValues	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.getParameterValues</code> must provide the same functionality as <code>ActionRequest.getParameterValues</code>
SPEC2_19	Include Servlet Action Request	getPathInfo	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.getPathInfo</code> must a value corresponding to the path used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Include Servlet Action Request	getPathTranslated	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.getPathTranslated</code> must a value corresponding to the path used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Include Servlet Action Request	getProtocol	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.getProtocol</code> must return "HTTP/1.1"

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include Servlet Action Request	getQueryString	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.getQueryString</code> must a value corresponding to the query string information used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Include Servlet Action Request	getRealPath	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.getRealPath</code> must return null
SPEC2_19	Include Servlet Action Request	getRemoteAddr	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.getRemoteAddr</code> must return null
SPEC2_19	Include Servlet Action Request	getRemoteHost	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.getRemoteHost</code> must return null
SPEC2_19	Include Servlet Action Request	getRemotePort	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.getRemotePort</code> must return 0
SPEC2_19	Include Servlet Action Request	getRemoteUser	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.getRemoteUser</code> must provide the same functionality as <code>ActionRequest.getRemoteUser</code>
SPEC2_19	Include Servlet Action Request	getRequestDispatcher	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.getRequestDispatcher</code> must provide functionality as defined in the servlet specification
SPEC2_19	Include Servlet Action Request	getRequestURI	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.getRequestURI</code> must a value corresponding to the path and query string information used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Include Servlet Action Request	getRequestURL	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.getRequestURL</code> must return null
SPEC2_19	Include Servlet Action Request	getRequestedSessionId	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.getRequestedSessionId</code> must provide the same functionality as <code>ActionRequest.getRequestedSessionId</code>
SPEC2_19	Include Servlet Action Request	getScheme	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.getScheme</code> must provide the same functionality as <code>ActionRequest.getScheme</code>
SPEC2_19	Include Servlet Action Request	getServerName	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.getServerName</code> must provide the same functionality as <code>ActionRequest.getServerName</code>
SPEC2_19	Include Servlet Action Request	getServerPort	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.getServerPort</code> must provide the same functionality as <code>ActionRequest.getServerPort</code>
SPEC2_19	Include Servlet Action Request	getServletPath	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.getServletPath</code> must a value corresponding to the path used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Include Servlet Action Request	getSession	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.getSession</code> must provide the same functionality as <code>ActionRequest.getPortletSession(APPLICATION_SCOPE)</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include Servlet Action Request	getUserPrincipal	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.getUserPrincipal</code> must provide the same functionality as <code>ActionRequest.getUserPrincipal</code>
SPEC2_19	Include Servlet Action Request	isRequestedSessionIdValid	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.isRequestedSessionIdValid</code> must provide the same functionality as <code>ActionRequest.isRequestedSessionIdValid</code>
SPEC2_19	Include Servlet Action Request	isSecure	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.isSecure</code> must provide the same functionality as <code>ActionRequest.isSecure</code>
SPEC2_19	Include Servlet Action Request	isUserInRole	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.isUserInRole</code> must provide the same functionality as <code>ActionRequest.isUserInRole</code>
SPEC2_19	Include Servlet Action Request	removeAttribute	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.removeAttribute</code> must provide the same functionality as <code>ActionRequest.removeAttribute</code>
SPEC2_19	Include Servlet Action Request	setAttribute	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.setAttribute</code> must provide the same functionality as <code>ActionRequest.setAttribute</code>
SPEC2_19	Include Servlet Action Response	containsHeader	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletResponse.containsHeader</code> must return false
SPEC2_19	Include Servlet Action Response	encodeRedirectURL1	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletResponse.encodeRedirectURL</code> must return null
SPEC2_19	Include Servlet Action Response	encodeRedirectUrl	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletResponse.encodeRedirectUrl</code> must return null
SPEC2_19	Include Servlet Action Response	encodeURL1	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletResponse.encodeURL</code> must provide the same functionality as <code>ActionResponse.encodeURL</code>
SPEC2_19	Include Servlet Action Response	encodeUrl	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletResponse.encodeUrl</code> must provide the same functionality as <code>ActionResponse.encodeURL</code>
SPEC2_19	Include Servlet Action Response	getBufferSize	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletResponse.getBufferSize</code> must return 0
SPEC2_19	Include Servlet Action Response	getCharacterEncoding	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletResponse.getCharacterEncoding</code> must return null
SPEC2_19	Include Servlet Action Response	getContentType	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletResponse.getContentType</code> must return null
SPEC2_19	Include Servlet Action Response	getLocale	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletResponse.getLocale</code> must return null
SPEC2_19	Include Servlet Action Response	isCommitted	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletResponse.isCommitted</code> must return true

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include Servlet Event Request	getAttribute	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.getAttribute</code> must provide the same functionality as <code>EventRequest.getAttribute</code>
SPEC2_19	Include Servlet Event Request	getAttributeNames	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.getAttributeNames</code> must provide the same functionality as <code>EventRequest.getAttributeNames</code>
SPEC2_19	Include Servlet Event Request	getAuthType	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.getAuthType</code> must provide the same functionality as <code>EventRequest.getAuthType</code>
SPEC2_19	Include Servlet Event Request	getCharacterEncoding	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.getCharacterEncoding</code> must return null
SPEC2_19	Include Servlet Event Request	getContentLength	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.getContentLength</code> must return 0
SPEC2_19	Include Servlet Event Request	getContentType	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.getContentType</code> must return null
SPEC2_19	Include Servlet Event Request	getContextPath	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.getContextPath</code> must provide the same functionality as <code>EventRequest.getContextPath</code>
SPEC2_19	Include Servlet Event Request	getCookies	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.getCookies</code> must provide the same functionality as <code>EventRequest.getCookies</code>
SPEC2_19	Include Servlet Event Request	getDateHeader	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.getDateHeader</code> must return a value corresponding to that returned by <code>EventRequest.getProperty</code> for the corresponding header name
SPEC2_19	Include Servlet Event Request	getHeader	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.getHeader</code> must return a value corresponding to that returned by <code>EventRequest.getProperty</code> for the corresponding header name
SPEC2_19	Include Servlet Event Request	getHeaderNames	TRUE	In a target servlet of a include in the Event phase, the Enumeration returned by <code>HttpServletRequest.getHeaderNames</code> must be contained in the Enumeration returned by <code>EventRequest.getPropertyNames</code>
SPEC2_19	Include Servlet Event Request	getHeaders	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.getHeaders</code> must return a value corresponding to that returned by <code>EventRequest.getProperties</code> for the corresponding header name
SPEC2_19	Include Servlet Event Request	getInputStream	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.getInputStream</code> must return null
SPEC2_19	Include Servlet Event Request	getIntHeader	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.getIntHeader</code> must return a value corresponding to that returned by <code>EventRequest.getProperty</code> for the corresponding header name
SPEC2_19	Include Servlet Event Request	getLocalAddr	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.getLocalAddr</code> must return null

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include Servlet Event Request	getLocalName	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.getLocalName</code> must return null
SPEC2_19	Include Servlet Event Request	getLocalPort	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.getLocalPort</code> must return 0
SPEC2_19	Include Servlet Event Request	getLocale	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.getLocale</code> must provide the same functionality as <code>EventRequest.getLocale</code>
SPEC2_19	Include Servlet Event Request	getLocales	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.getLocales</code> must provide the same functionality as <code>EventRequest.getLocales</code>
SPEC2_19	Include Servlet Event Request	getMethod	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.getMethod</code> must provide the same functionality as <code>EventRequest.getMethod</code>
SPEC2_19	Include Servlet Event Request	getParameter	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.getParameter</code> must provide the same functionality as <code>EventRequest.getParameter</code>
SPEC2_19	Include Servlet Event Request	getParameterMap	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.getParameterMap</code> must provide the same functionality as <code>EventRequest.getParameterMap</code>
SPEC2_19	Include Servlet Event Request	getParameterNames	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.getParameterNames</code> must provide the same functionality as <code>EventRequest.getParameterNames</code>
SPEC2_19	Include Servlet Event Request	getParameterValues	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.getParameterValues</code> must provide the same functionality as <code>EventRequest.getParameterValues</code>
SPEC2_19	Include Servlet Event Request	getPathInfo	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.getPathInfo</code> must a value corresponding to the path used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Include Servlet Event Request	getPathTranslated	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.getPathTranslated</code> must a value corresponding to the path used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Include Servlet Event Request	getProtocol	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.getProtocol</code> must return "HTTP/1.1"
SPEC2_19	Include Servlet Event Request	getQueryString	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.getQueryString</code> must a value corresponding to the query string information used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Include Servlet Event Request	getReader	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.getReader</code> must return null
SPEC2_19	Include Servlet Event Request	getRealPath	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.getRealPath</code> must return null

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include Servlet Event Request	getRemoteAddr	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.getRemoteAddr</code> must return null
SPEC2_19	Include Servlet Event Request	getRemoteHost	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.getRemoteHost</code> must return null
SPEC2_19	Include Servlet Event Request	getRemotePort	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.getRemotePort</code> must return 0
SPEC2_19	Include Servlet Event Request	getRemoteUser	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.getRemoteUser</code> must provide the same functionality as <code>EventRequest.getRemoteUser</code>
SPEC2_19	Include Servlet Event Request	getRequestDispatcher	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.getRequestDispatcher</code> must provide functionality as defined in the servlet specification
SPEC2_19	Include Servlet Event Request	getRequestURI	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.getRequestURI</code> must a value corresponding to the path and query string information used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Include Servlet Event Request	getRequestURL	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.getRequestURL</code> must return null
SPEC2_19	Include Servlet Event Request	getRequestedSessionId	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.getRequestedSessionId</code> must provide the same functionality as <code>EventRequest.getRequestedSessionId</code>
SPEC2_19	Include Servlet Event Request	getScheme	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.getScheme</code> must provide the same functionality as <code>EventRequest.getScheme</code>
SPEC2_19	Include Servlet Event Request	getServerName	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.getServerName</code> must provide the same functionality as <code>EventRequest.getServerName</code>
SPEC2_19	Include Servlet Event Request	getServerPort	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.getServerPort</code> must provide the same functionality as <code>EventRequest.getServerPort</code>
SPEC2_19	Include Servlet Event Request	getServletPath	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.getServletPath</code> must a value corresponding to the path used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Include Servlet Event Request	getSession	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.getSession</code> must provide the same functionality as <code>EventRequest.getPortletSession(APPLICATION_SCOPE)</code>
SPEC2_19	Include Servlet Event Request	getUserPrincipal	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.getUserPrincipal</code> must provide the same functionality as <code>EventRequest.getUserPrincipal</code>
SPEC2_19	Include Servlet Event Request	isRequestedSessionIdValid	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.isRequestedSessionIdValid</code> must provide the same functionality as <code>EventRequest.isRequestedSessionIdValid</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include Servlet Event Request	isSecure	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.isSecure</code> must provide the same functionality as <code>EventRequest.isSecure</code>
SPEC2_19	Include Servlet Event Request	isUserInRole	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.isUserInRole</code> must provide the same functionality as <code>EventRequest.isUserInRole</code>
SPEC2_19	Include Servlet Event Request	removeAttribute	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.removeAttribute</code> must provide the same functionality as <code>EventRequest.removeAttribute</code>
SPEC2_19	Include Servlet Event Request	setAttribute	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.setAttribute</code> must provide the same functionality as <code>EventRequest.setAttribute</code>
SPEC2_19	Include Servlet Event Response	containsHeader	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletResponse.containsHeader</code> must return false
SPEC2_19	Include Servlet Event Response	encodeRedirectURL1	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletResponse.encodeRedirectURL</code> must return null
SPEC2_19	Include Servlet Event Response	encodeRedirectUrl	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletResponse.encodeRedirectUrl</code> must return null
SPEC2_19	Include Servlet Event Response	encodeURL1	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletResponse.encodeURL</code> must provide the same functionality as <code>EventResponse.encodeURL</code>
SPEC2_19	Include Servlet Event Response	encodeUrl	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletResponse.encodeUrl</code> must provide the same functionality as <code>EventResponse.encodeURL</code>
SPEC2_19	Include Servlet Event Response	getBufferSize	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletResponse.getBufferSize</code> must return 0
SPEC2_19	Include Servlet Event Response	getCharacterEncoding	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletResponse.getCharacterEncoding</code> must return null
SPEC2_19	Include Servlet Event Response	getContentType	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletResponse.getContentType</code> must return null
SPEC2_19	Include Servlet Event Response	getLocale	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletResponse.getLocale</code> must return null
SPEC2_19	Include Servlet Event Response	isCommitted	TRUE	In a target servlet of a include in the Event phase, the method <code>HttpServletResponse.isCommitted</code> must return true
SPEC2_19	Include Servlet Render Request	getAttribute	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.getAttribute</code> must provide the same functionality as <code>RenderRequest.getAttribute</code>
SPEC2_19	Include Servlet Render Request	getAttributeNames	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.getAttributeNames</code> must provide the same functionality as <code>RenderRequest.getAttributeNames</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include Servlet Render Request	getAuthType	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.getAuthType</code> must provide the same functionality as <code>RenderRequest.getAuthType</code>
SPEC2_19	Include Servlet Render Request	getCharacterEncoding	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.getCharacterEncoding</code> must return null
SPEC2_19	Include Servlet Render Request	getContentLength	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.getContentLength</code> must return 0
SPEC2_19	Include Servlet Render Request	getContentType	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.getContentType</code> must return null
SPEC2_19	Include Servlet Render Request	getContextPath	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.getContextPath</code> must provide the same functionality as <code>RenderRequest.getContextPath</code>
SPEC2_19	Include Servlet Render Request	getCookies	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.getCookies</code> must provide the same functionality as <code>RenderRequest.getCookies</code>
SPEC2_19	Include Servlet Render Request	getDateHeader	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.getDateHeader</code> must return a value corresponding to that returned by <code>RenderRequest.getProperty</code> for the corresponding header name
SPEC2_19	Include Servlet Render Request	getHeader	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.getHeader</code> must return a value corresponding to that returned by <code>RenderRequest.getProperty</code> for the corresponding header name
SPEC2_19	Include Servlet Render Request	getHeaderNames	TRUE	In a target servlet of a include in the Render phase, the Enumeration returned by <code>HttpServletRequest.getHeaderNames</code> must be contained in the Enumeration returned by <code>RenderRequest.getPropertyNames</code>
SPEC2_19	Include Servlet Render Request	getHeaders	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.getHeaders</code> must return a value corresponding to that returned by <code>RenderRequest.getProperties</code> for the corresponding header name
SPEC2_19	Include Servlet Render Request	getInputStream	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.getInputStream</code> must return null
SPEC2_19	Include Servlet Render Request	getIntHeader	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.getIntHeader</code> must return a value corresponding to that returned by <code>RenderRequest.getProperty</code> for the corresponding header name
SPEC2_19	Include Servlet Render Request	getLocalAddr	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.getLocalAddr</code> must return null
SPEC2_19	Include Servlet Render Request	getLocalName	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.getLocalName</code> must return null
SPEC2_19	Include Servlet Render Request	getLocalPort	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.getLocalPort</code> must return 0
SPEC2_19	Include Servlet Render Request	getLocale	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.getLocale</code> must provide the same functionality as <code>RenderRequest.getLocale</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include Servlet Render Request	getLocales	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.getLocales</code> must provide the same functionality as <code>RenderRequest.getLocales</code>
SPEC2_19	Include Servlet Render Request	getMethod	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.getMethod</code> must return "GET"
SPEC2_19	Include Servlet Render Request	getParameter	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.getParameter</code> must provide the same functionality as <code>RenderRequest.getParameter</code>
SPEC2_19	Include Servlet Render Request	getParameterMap	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.getParameterMap</code> must provide the same functionality as <code>RenderRequest.getParameterMap</code>
SPEC2_19	Include Servlet Render Request	getParameterNames	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.getParameterNames</code> must provide the same functionality as <code>RenderRequest.getParameterNames</code>
SPEC2_19	Include Servlet Render Request	getParameterValues	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.getParameterValues</code> must provide the same functionality as <code>RenderRequest.getParameterValues</code>
SPEC2_19	Include Servlet Render Request	getPathInfo	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.getPathInfo</code> must a value corresponding to the path used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Include Servlet Render Request	getPathTranslated	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.getPathTranslated</code> must a value corresponding to the path used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Include Servlet Render Request	getProtocol	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.getProtocol</code> must return "HTTP/1.1"
SPEC2_19	Include Servlet Render Request	getQueryString	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.getQueryString</code> must a value corresponding to the query string information used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Include Servlet Render Request	getReader	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.getReader</code> must return null
SPEC2_19	Include Servlet Render Request	getRealPath	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.getRealPath</code> must return null
SPEC2_19	Include Servlet Render Request	getRemoteAddr	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.getRemoteAddr</code> must return null
SPEC2_19	Include Servlet Render Request	getRemoteHost	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.getRemoteHost</code> must return null
SPEC2_19	Include Servlet Render Request	getRemotePort	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.getRemotePort</code> must return 0
SPEC2_19	Include Servlet Render Request	getRemoteUser	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.getRemoteUser</code> must provide the same functionality as <code>RenderRequest.getRemoteUser</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include Servlet Render Request	getRequestDispatcher	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.getRequestDispatcher</code> must provide functionality as defined in the servlet specification
SPEC2_19	Include Servlet Render Request	getRequestURI	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.getRequestURI</code> must a value corresponding to the path and query string information used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Include Servlet Render Request	getRequestURL	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.getRequestURL</code> must return null
SPEC2_19	Include Servlet Render Request	getRequestedSessionId	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.getRequestedSessionId</code> must provide the same functionality as <code>RenderRequest.getRequestedSessionId</code>
SPEC2_19	Include Servlet Render Request	getScheme	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.getScheme</code> must provide the same functionality as <code>RenderRequest.getScheme</code>
SPEC2_19	Include Servlet Render Request	getServerName	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.getServerName</code> must provide the same functionality as <code>RenderRequest.getServerName</code>
SPEC2_19	Include Servlet Render Request	getServerPort	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.getServerPort</code> must provide the same functionality as <code>RenderRequest.getServerPort</code>
SPEC2_19	Include Servlet Render Request	getServletPath	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.getServletPath</code> must a value corresponding to the path used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Include Servlet Render Request	getSession	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.getSession</code> must provide the same functionality as <code>RenderRequest.getPortletSession(APPLICATION_SCOPE)</code>
SPEC2_19	Include Servlet Render Request	getUserPrincipal	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.getUserPrincipal</code> must provide the same functionality as <code>RenderRequest.getUserPrincipal</code>
SPEC2_19	Include Servlet Render Request	isRequestedSessionIdValid	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.isRequestedSessionIdValid</code> must provide the same functionality as <code>RenderRequest.isRequestedSessionIdValid</code>
SPEC2_19	Include Servlet Render Request	isSecure	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.isSecure</code> must provide the same functionality as <code>RenderRequest.isSecure</code>
SPEC2_19	Include Servlet Render Request	isUserInRole	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.isUserInRole</code> must provide the same functionality as <code>RenderRequest.isUserInRole</code>
SPEC2_19	Include Servlet Render Request	removeAttribute	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.removeAttribute</code> must provide the same functionality as <code>RenderRequest.removeAttribute</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include Servlet Render Request	setAttribute	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.setAttribute</code> must provide the same functionality as <code>RenderRequest.setAttribute</code>
SPEC2_19	Include Servlet Render Response	containsHeader	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletResponse.containsHeader</code> must return false
SPEC2_19	Include Servlet Render Response	encodeRedirectURL1	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletResponse.encodeRedirectURL</code> must return null
SPEC2_19	Include Servlet Render Response	encodeRedirectUrl	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletResponse.encodeRedirectUrl</code> must return null
SPEC2_19	Include Servlet Render Response	encodeURL1	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletResponse.encodeURL</code> must provide the same functionality as <code>RenderResponse.encodeURL</code>
SPEC2_19	Include Servlet Render Response	encodeUrl	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletResponse.encodeUrl</code> must provide the same functionality as <code>RenderResponse.encodeURL</code>
SPEC2_19	Include Servlet Render Response	getBufferSize	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletResponse.getBufferSize</code> must provide the same functionality as <code>RenderResponse.getBufferSize</code>
SPEC2_19	Include Servlet Render Response	getCharacterEncoding	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletResponse.getCharacterEncoding</code> must provide the same functionality as <code>RenderResponse.getCharacterEncoding</code>
SPEC2_19	Include Servlet Render Response	getContentType	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletResponse.getContentType</code> must provide the same functionality as <code>RenderResponse.getContentType</code>
SPEC2_19	Include Servlet Render Response	getLocale	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletResponse.getLocale</code> must provide the same functionality as <code>RenderResponse.getLocale</code>
SPEC2_19	Include Servlet Render Response	isCommitted	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletResponse.isCommitted</code> must provide the same functionality as <code>RenderResponse.isCommitted</code>
SPEC2_19	Include Servlet Resource Request	getAttribute	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.getAttribute</code> must provide the same functionality as <code>ResourceRequest.getAttribute</code>
SPEC2_19	Include Servlet Resource Request	getAttributeNames	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.getAttributeNames</code> must provide the same functionality as <code>ResourceRequest.getAttributeNames</code>
SPEC2_19	Include Servlet Resource Request	getAuthType	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.getAuthType</code> must provide the same functionality as <code>ResourceRequest.getAuthType</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include Servlet Resource Request	getCharacterEncoding	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.setCharacterEncoding</code> must provide the same functionality as <code>ResourceRequest.setCharacterEncoding</code>
SPEC2_19	Include Servlet Resource Request	getContentLength	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.getContentLength</code> must provide the same functionality as <code>ResourceRequest.getContentLength</code>
SPEC2_19	Include Servlet Resource Request	getContentType	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.getContentType</code> must provide the same functionality as <code>ResourceRequest.getContentType</code>
SPEC2_19	Include Servlet Resource Request	getContextPath	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.getContextPath</code> must provide the same functionality as <code>ResourceRequest.getContextPath</code>
SPEC2_19	Include Servlet Resource Request	getCookies	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.getCookies</code> must provide the same functionality as <code>ResourceRequest.getCookies</code>
SPEC2_19	Include Servlet Resource Request	getDateHeader	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.getDateHeader</code> must return a value corresponding to that returned by <code>ResourceRequest.getProperty</code> for the corresponding header name
SPEC2_19	Include Servlet Resource Request	getHeader	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.getHeader</code> must return a value corresponding to that returned by <code>ResourceRequest.getProperty</code> for the corresponding header name
SPEC2_19	Include Servlet Resource Request	getHeaderNames	TRUE	In a target servlet of a include in the Resource phase, the Enumeration returned by <code>HttpServletRequest.getHeaderNames</code> must be contained in the Enumeration returned by <code>ResourceRequest.getPropertyNames</code>
SPEC2_19	Include Servlet Resource Request	getHeaders	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.getHeaders</code> must return a value corresponding to that returned by <code>ResourceRequest.getProperties</code> for the corresponding header name
SPEC2_19	Include Servlet Resource Request	getIntHeader	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.getIntHeader</code> must return a value corresponding to that returned by <code>ResourceRequest.getProperty</code> for the corresponding header name
SPEC2_19	Include Servlet Resource Request	getLocalAddr	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.getLocalAddr</code> must return null
SPEC2_19	Include Servlet Resource Request	getLocalName	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.getLocalName</code> must return null
SPEC2_19	Include Servlet Resource Request	getLocalPort	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.getLocalPort</code> must return 0
SPEC2_19	Include Servlet Resource Request	getLocale	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.getLocale</code> must provide the same functionality as <code>ResourceRequest.getLocale</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include Servlet Resource Request	getLocales	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.getLocales</code> must provide the same functionality as <code>ResourceRequest.getLocales</code>
SPEC2_19	Include Servlet Resource Request	getMethod	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.getMethod</code> must provide the same functionality as <code>ResourceRequest.getMethod</code>
SPEC2_19	Include Servlet Resource Request	getParameter	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.getParameter</code> must provide the same functionality as <code>ResourceRequest.getParameter</code>
SPEC2_19	Include Servlet Resource Request	getParameterMap	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.getParameterMap</code> must provide the same functionality as <code>ResourceRequest.getParameterMap</code>
SPEC2_19	Include Servlet Resource Request	getParameterNames	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.getParameterNames</code> must provide the same functionality as <code>ResourceRequest.getParameterNames</code>
SPEC2_19	Include Servlet Resource Request	getParameterValues	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.getParameterValues</code> must provide the same functionality as <code>ResourceRequest.getParameterValues</code>
SPEC2_19	Include Servlet Resource Request	getPathInfo	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.getPathInfo</code> must a value corresponding to the path used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Include Servlet Resource Request	getPathTranslated	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.getPathTranslated</code> must a value corresponding to the path used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Include Servlet Resource Request	getProtocol	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.getProtocol</code> must return "HTTP/1.1"
SPEC2_19	Include Servlet Resource Request	getQueryString	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.getQueryString</code> must a value corresponding to the query string information used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Include Servlet Resource Request	getRealPath	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.getRealPath</code> must return null
SPEC2_19	Include Servlet Resource Request	getRemoteAddr	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.getRemoteAddr</code> must return null
SPEC2_19	Include Servlet Resource Request	getRemoteHost	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.getRemoteHost</code> must return null
SPEC2_19	Include Servlet Resource Request	getRemotePort	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.getRemotePort</code> must return 0
SPEC2_19	Include Servlet Resource Request	getRemoteUser	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.getRemoteUser</code> must provide the same functionality as <code>ResourceRequest.getRemoteUser</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include Servlet Resource Request	getRequestDispatcher	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.getRequestDispatcher</code> must provide functionality as defined in the servlet specification
SPEC2_19	Include Servlet Resource Request	getRequestURI	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.getRequestURI</code> must a value corresponding to the path and query string information used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Include Servlet Resource Request	getRequestURL	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.getRequestURL</code> must return null
SPEC2_19	Include Servlet Resource Request	getRequestedSessionId	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.getRequestedSessionId</code> must provide the same functionality as <code>ResourceRequest.getRequestedSessionId</code>
SPEC2_19	Include Servlet Resource Request	getScheme	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.getScheme</code> must provide the same functionality as <code>ResourceRequest.getScheme</code>
SPEC2_19	Include Servlet Resource Request	getServerName	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.getServerName</code> must provide the same functionality as <code>ResourceRequest.getServerName</code>
SPEC2_19	Include Servlet Resource Request	getServerPort	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.getServerPort</code> must provide the same functionality as <code>ResourceRequest.getServerPort</code>
SPEC2_19	Include Servlet Resource Request	getServletPath	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.getServletPath</code> must a value corresponding to the path used to obtain the <code>PortletRequestDispatcher</code>
SPEC2_19	Include Servlet Resource Request	getSession	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.getSession</code> must provide the same functionality as <code>ResourceRequest.getPortletSession(APPLICATION_SCOPE)</code>
SPEC2_19	Include Servlet Resource Request	getUserPrincipal	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.getUserPrincipal</code> must provide the same functionality as <code>ResourceRequest.getUserPrincipal</code>
SPEC2_19	Include Servlet Resource Request	isRequestedSessionIdValid	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.isRequestedSessionIdValid</code> must provide the same functionality as <code>ResourceRequest.isRequestedSessionIdValid</code>
SPEC2_19	Include Servlet Resource Request	isSecure	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.isSecure</code> must provide the same functionality as <code>ResourceRequest.isSecure</code>
SPEC2_19	Include Servlet Resource Request	isUserInRole	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.isUserInRole</code> must provide the same functionality as <code>ResourceRequest.isUserInRole</code>
SPEC2_19	Include Servlet Resource Request	removeAttribute	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.removeAttribute</code> must provide the same functionality as <code>ResourceRequest.removeAttribute</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include Servlet Resource Request	setAttribute	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.setAttribute</code> must provide the same functionality as <code>ResourceRequest.setAttribute</code>
SPEC2_19	Include Servlet Resource Response	containsHeader	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletResponse.containsHeader</code> must return false
SPEC2_19	Include Servlet Resource Response	encodeRedirectURL1	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletResponse.encodeRedirectURL</code> must return null
SPEC2_19	Include Servlet Resource Response	encodeRedirectUrl	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletResponse.encodeRedirectUrl</code> must return null
SPEC2_19	Include Servlet Resource Response	encodeURL1	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletResponse.encodeURL</code> must provide the same functionality as <code>ResourceResponse.encodeURL</code>
SPEC2_19	Include Servlet Resource Response	encodeUrl	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletResponse.encodeUrl</code> must provide the same functionality as <code>ResourceResponse.encodeURL</code>
SPEC2_19	Include Servlet Resource Response	getBufferSize	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletResponse.getBufferSize</code> must provide the same functionality as <code>ResourceResponse.getBufferSize</code>
SPEC2_19	Include Servlet Resource Response	getCharacterEncoding	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletResponse.getCharacterEncoding</code> must provide the same functionality as <code>ResourceResponse.getCharacterEncoding</code>
SPEC2_19	Include Servlet Resource Response	getContentType	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletResponse.getContentType</code> must provide the same functionality as <code>ResourceResponse.getContentType</code>
SPEC2_19	Include Servlet Resource Response	getLocale	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletResponse.getLocale</code> must provide the same functionality as <code>ResourceResponse.getLocale</code>
SPEC2_19	Include Servlet Resource Response	isCommitted	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletResponse.isCommitted</code> must provide the same functionality as <code>ResourceResponse.isCommitted</code>
<b>Dispatcher ReqResp Tests 5S</b>				
SPEC2_19	Forward JSP Action Request	getReader	FALSE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.getReader</code> must provide the same functionality as <code>ActionRequest.getReader</code>
SPEC2_19	Forward JSP Action Request	isRequestedSessionIdFromCookie	FALSE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.isRequestedSessionIdFromCookie</code> must provide functionality as defined in the servlet specification
SPEC2_19	Forward JSP Action Request	isRequestedSessionIdFromURL1	FALSE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.isRequestedSessionIdFromURL</code> must provide functionality as defined in the servlet specification

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward JSP Action Request	isRequestedSessionIdFromUrl	FALSE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.isRequestedSessionIdFromUrl</code> must provide functionality as defined in the servlet specification
SPEC2_19	Forward JSP Action Response	addCookie	FALSE	In a target jsp of a forward in the Action phase, the method <code>HttpServletResponse.addCookie</code> must work in the same manner as the <code>ActionResponse.addProperty(javax.servlet.http.Cookie)</code>
SPEC2_19	Forward JSP Action Response	addDateHeader	FALSE	In a target jsp of a forward in the Action phase, the method <code>HttpServletResponse.addDateHeader</code> does not perform any operation
SPEC2_19	Forward JSP Action Response	addHeader	FALSE	In a target jsp of a forward in the Action phase, the method <code>HttpServletResponse.addHeader</code> does not perform any operation
SPEC2_19	Forward JSP Action Response	addIntHeader	FALSE	In a target jsp of a forward in the Action phase, the method <code>HttpServletResponse.addIntHeader</code> does not perform any operation
SPEC2_19	Forward JSP Action Response	flushBuffer	FALSE	In a target jsp of a forward in the Action phase, the method <code>HttpServletResponse.flushBuffer</code> does not perform any operation
SPEC2_19	Forward JSP Action Response	getOutputStream	FALSE	In a target jsp of a forward in the Action phase, the method <code>HttpServletResponse.getOutputStream</code> must return an output stream that ignores all input
SPEC2_19	Forward JSP Action Response	getWriter	FALSE	In a target jsp of a forward in the Action phase, the method <code>HttpServletResponse.getWriter</code> must return a writer that ignores all input
SPEC2_19	Forward JSP Action Response	reset	FALSE	In a target jsp of a forward in the Action phase, the method <code>HttpServletResponse.reset</code> does not perform any operation
SPEC2_19	Forward JSP Action Response	resetBuffer	FALSE	In a target jsp of a forward in the Action phase, the method <code>HttpServletResponse.resetBuffer</code> does not perform any operation
SPEC2_19	Forward JSP Action Response	sendError	FALSE	In a target jsp of a forward in the Action phase, the method <code>HttpServletResponse.sendError</code> does not perform any operation
SPEC2_19	Forward JSP Action Response	setBufferSize	FALSE	In a target jsp of a forward in the Action phase, the method <code>HttpServletResponse.setBufferSize</code> does not perform any operation
SPEC2_19	Forward JSP Action Response	setCharacterEncoding	FALSE	In a target jsp of a forward in the Action phase, the method <code>HttpServletResponse.setCharacterEncoding</code> does not perform any operation
SPEC2_19	Forward JSP Action Response	setContentLength	FALSE	In a target jsp of a forward in the Action phase, the method <code>HttpServletResponse.setContentLength</code> does not perform any operation
SPEC2_19	Forward JSP Action Response	setContentType	FALSE	In a target jsp of a forward in the Action phase, the method <code>HttpServletResponse.setContentType</code> does not perform any operation
SPEC2_19	Forward JSP Action Response	setDateHeader	FALSE	In a target jsp of a forward in the Action phase, the method <code>HttpServletResponse.setDateHeader</code> does not perform any operation
SPEC2_19	Forward JSP Action Response	setHeader	FALSE	In a target jsp of a forward in the Action phase, the method <code>HttpServletResponse.setHeader</code> does not perform any operation
SPEC2_19	Forward JSP Action Response	setIntHeader	FALSE	In a target jsp of a forward in the Action phase, the method <code>HttpServletResponse.setIntHeader</code> does not perform any operation
SPEC2_19	Forward JSP Action Response	setLocale	FALSE	In a target jsp of a forward in the Action phase, the method <code>HttpServletResponse.setLocale</code> does not perform any operation

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward JSP Action Response	setStatus	FALSE	In a target jsp of a forward in the Action phase, the method <code>HttpServletResponse.setStatus</code> does not perform any operation
SPEC2_19	Forward JSP Event Request	isRequestedSessionIdFromCookie	FALSE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.isRequestedSessionIdFromCookie</code> must provide functionality as defined in the servlet specification
SPEC2_19	Forward JSP Event Request	isRequestedSessionIdFromURL	FALSE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.isRequestedSessionIdFromURL</code> must provide functionality as defined in the servlet specification
SPEC2_19	Forward JSP Event Request	isRequestedSessionIdFromUrl	FALSE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.isRequestedSessionIdFromUrl</code> must provide functionality as defined in the servlet specification
SPEC2_19	Forward JSP Event Request	setCharacterEncoding	FALSE	In a target jsp of a forward in the Event phase, the method <code>HttpServletRequest.setCharacterEncoding</code> does not perform any operation
SPEC2_19	Forward JSP Event Response	addCookie	FALSE	In a target jsp of a forward in the Event phase, the method <code>HttpServletResponse.addCookie</code> must work in the same manner as the <code>EventResponse.addProperty(javax.servlet.http.Cookie)</code>
SPEC2_19	Forward JSP Event Response	addDateHeader	FALSE	In a target jsp of a forward in the Event phase, the method <code>HttpServletResponse.addDateHeader</code> does not perform any operation
SPEC2_19	Forward JSP Event Response	addHeader	FALSE	In a target jsp of a forward in the Event phase, the method <code>HttpServletResponse.addHeader</code> does not perform any operation
SPEC2_19	Forward JSP Event Response	addIntHeader	FALSE	In a target jsp of a forward in the Event phase, the method <code>HttpServletResponse.addIntHeader</code> does not perform any operation
SPEC2_19	Forward JSP Event Response	flushBuffer	FALSE	In a target jsp of a forward in the Event phase, the method <code>HttpServletResponse.flushBuffer</code> does not perform any operation
SPEC2_19	Forward JSP Event Response	getOutputStream	FALSE	In a target jsp of a forward in the Event phase, the method <code>HttpServletResponse.getOutputStream</code> must return an output stream that ignores all input
SPEC2_19	Forward JSP Event Response	getWriter	FALSE	In a target jsp of a forward in the Event phase, the method <code>HttpServletResponse.getWriter</code> must return a writer that ignores all input
SPEC2_19	Forward JSP Event Response	reset	FALSE	In a target jsp of a forward in the Event phase, the method <code>HttpServletResponse.reset</code> does not perform any operation
SPEC2_19	Forward JSP Event Response	resetBuffer	FALSE	In a target jsp of a forward in the Event phase, the method <code>HttpServletResponse.resetBuffer</code> does not perform any operation
SPEC2_19	Forward JSP Event Response	sendError	FALSE	In a target jsp of a forward in the Event phase, the method <code>HttpServletResponse.sendError</code> does not perform any operation
SPEC2_19	Forward JSP Event Response	sendRedirect	FALSE	In a target jsp of a forward in the Event phase, the method <code>HttpServletResponse.sendRedirect</code> does not perform any operation
SPEC2_19	Forward JSP Event Response	setBufferSize	FALSE	In a target jsp of a forward in the Event phase, the method <code>HttpServletResponse.setBufferSize</code> does not perform any operation
SPEC2_19	Forward JSP Event Response	setCharacterEncoding	FALSE	In a target jsp of a forward in the Event phase, the method <code>HttpServletResponse.setCharacterEncoding</code> does not perform any operation

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward JSP Event Response	setContentLength	FALSE	In a target jsp of a forward in the Event phase, the method <code>HttpServletResponse.setContentLength</code> does not perform any operation
SPEC2_19	Forward JSP Event Response	setContentType	FALSE	In a target jsp of a forward in the Event phase, the method <code>HttpServletResponse.setContentType</code> does not perform any operation
SPEC2_19	Forward JSP Event Response	setDateHeader	FALSE	In a target jsp of a forward in the Event phase, the method <code>HttpServletResponse.setDateHeader</code> does not perform any operation
SPEC2_19	Forward JSP Event Response	setHeader	FALSE	In a target jsp of a forward in the Event phase, the method <code>HttpServletResponse.setHeader</code> does not perform any operation
SPEC2_19	Forward JSP Event Response	setIntHeader	FALSE	In a target jsp of a forward in the Event phase, the method <code>HttpServletResponse.setIntHeader</code> does not perform any operation
SPEC2_19	Forward JSP Event Response	setLocale	FALSE	In a target jsp of a forward in the Event phase, the method <code>HttpServletResponse.setLocale</code> does not perform any operation
SPEC2_19	Forward JSP Event Response	setStatus	FALSE	In a target jsp of a forward in the Event phase, the method <code>HttpServletResponse.setStatus</code> does not perform any operation
SPEC2_19	Forward JSP Render Request	isRequestedSessionIdFromCookie	FALSE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.isRequestedSessionIdFromCookie</code> must provide functionality as defined in the servlet specification
SPEC2_19	Forward JSP Render Request	isRequestedSessionIdFromURL	FALSE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.isRequestedSessionIdFromURL</code> must provide functionality as defined in the servlet specification
SPEC2_19	Forward JSP Render Request	isRequestedSessionIdFromUrl	FALSE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.isRequestedSessionIdFromUrl</code> must provide functionality as defined in the servlet specification
SPEC2_19	Forward JSP Render Response	addCookie	FALSE	In a target jsp of a forward in the Render phase, the method <code>HttpServletResponse.addCookie</code> must work in the same manner as the <code>RenderResponse.addProperty(javax.servlet.http.Cookie)</code>
SPEC2_19	Forward JSP Render Response	addDateHeader	FALSE	In a target jsp of a forward in the Render phase, the method <code>HttpServletResponse.addDateHeader</code> must work in the same manner as the <code>RenderResponse.setProperty</code> method for the corresponding header name
SPEC2_19	Forward JSP Render Response	addHeader	FALSE	In a target jsp of a forward in the Render phase, the method <code>HttpServletResponse.addHeader</code> must work in the same manner as the <code>RenderResponse.setProperty</code> method for the corresponding header name
SPEC2_19	Forward JSP Render Response	addIntHeader	FALSE	In a target jsp of a forward in the Render phase, the method <code>HttpServletResponse.addIntHeader</code> must work in the same manner as the <code>RenderResponse.setProperty</code> method for the corresponding header name
SPEC2_19	Forward JSP Render Response	flushBuffer	FALSE	In a target jsp of a forward in the Render phase, the method <code>HttpServletResponse.flushBuffer</code> must provide the same functionality as <code>RenderResponse.flushBuffer</code>
SPEC2_19	Forward JSP Render Response	getWriter	FALSE	In a target jsp of a forward in the Render phase, the method <code>HttpServletResponse.getWriter</code> must provide the same functionality as <code>RenderResponse.getWriter</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward JSP Render Response	reset	FALSE	In a target jsp of a forward in the Render phase, the method <code>HttpServletResponse.reset</code> must provide the same functionality as <code>RenderResponse.reset</code>
SPEC2_19	Forward JSP Render Response	resetBuffer	FALSE	In a target jsp of a forward in the Render phase, the method <code>HttpServletResponse.resetBuffer</code> must provide the same functionality as <code>RenderResponse.resetBuffer</code>
SPEC2_19	Forward JSP Render Response	setBufferSize	FALSE	In a target jsp of a forward in the Render phase, the method <code>HttpServletResponse.setBufferSize</code> must provide the same functionality as <code>RenderResponse.setBufferSize</code>
SPEC2_19	Forward JSP Render Response	setDateHeader	FALSE	In a target jsp of a forward in the Render phase, the method <code>HttpServletResponse.setDateHeader</code> must work in the same manner as the <code>RenderResponse.setProperty</code> method for the corresponding header name
SPEC2_19	Forward JSP Render Response	setHeader	FALSE	In a target jsp of a forward in the Render phase, the method <code>HttpServletResponse.setHeader</code> must work in the same manner as the <code>RenderResponse.setProperty</code> method for the corresponding header name
SPEC2_19	Forward JSP Render Response	setIntHeader	FALSE	In a target jsp of a forward in the Render phase, the method <code>HttpServletResponse.setIntHeader</code> must work in the same manner as the <code>RenderResponse.setProperty</code> method for the corresponding header name
SPEC2_19	Forward JSP Resource Request	getReader	FALSE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.getReader</code> must provide the same functionality as <code>ResourceRequest.getReader</code>
SPEC2_19	Forward JSP Resource Request	isRequestedSessionIdFromCookie	FALSE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.isRequestedSessionIdFromCookie</code> must provide functionality as defined in the servlet specification
SPEC2_19	Forward JSP Resource Request	isRequestedSessionIdFromURL	FALSE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.isRequestedSessionIdFromURL</code> must provide functionality as defined in the servlet specification
SPEC2_19	Forward JSP Resource Request	isRequestedSessionIdFromUrl	FALSE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.isRequestedSessionIdFromUrl</code> must provide functionality as defined in the servlet specification
SPEC2_19	Forward JSP Resource Response	addCookie	FALSE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletResponse.addCookie</code> must work in the same manner as the <code>ResourceResponse.addProperty(javax.servlet.http.Cookie)</code>
SPEC2_19	Forward JSP Resource Response	addDateHeader	FALSE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletResponse.addDateHeader</code> must work in the same manner as the <code>ResourceResponse.setProperty</code> method for the corresponding header name
SPEC2_19	Forward JSP Resource Response	addHeader	FALSE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletResponse.addHeader</code> must work in the same manner as the <code>ResourceResponse.setProperty</code> method for the corresponding header name
SPEC2_19	Forward JSP Resource Response	addIntHeader	FALSE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletResponse.addIntHeader</code> must work in the same manner as the <code>ResourceResponse.setProperty</code> method for the corresponding header name

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward JSP Resource Response	flushBuffer	FALSE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletResponse.flushBuffer</code> must provide the same functionality as <code>ResourceResponse.flushBuffer</code>
SPEC2_19	Forward JSP Resource Response	getWriter	FALSE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletResponse.getWriter</code> must provide the same functionality as <code>ResourceResponse.getWriter</code>
SPEC2_19	Forward JSP Resource Response	reset	FALSE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletResponse.reset</code> must provide the same functionality as <code>ResourceResponse.reset</code>
SPEC2_19	Forward JSP Resource Response	resetBuffer	FALSE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletResponse.resetBuffer</code> must provide the same functionality as <code>ResourceResponse.resetBuffer</code>
SPEC2_19	Forward JSP Resource Response	setBufferSize	FALSE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletResponse.setBufferSize</code> must provide the same functionality as <code>ResourceResponse.setBufferSize</code>
SPEC2_19	Forward JSP Resource Response	setDateHeader	FALSE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletResponse.setDateHeader</code> must work in the same manner as the <code>ResourceResponse.setProperty</code> method for the corresponding header name
SPEC2_19	Forward JSP Resource Response	setHeader	FALSE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletResponse.setHeader</code> must work in the same manner as the <code>ResourceResponse.setProperty</code> method for the corresponding header name
SPEC2_19	Forward JSP Resource Response	setIntHeader	FALSE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletResponse.setIntHeader</code> must work in the same manner as the <code>ResourceResponse.setProperty</code> method for the corresponding header name
SPEC2_19	Forward JSP Resource Response	setStatus	FALSE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletResponse.setStatus</code> must work in the same manner as the <code>ResourceResponse.setProperty</code> method for the corresponding header name
SPEC2_19	Forward Servlet Action Request	getReader	FALSE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.getReader</code> must provide the same functionality as <code>ActionRequest.getReader</code>
SPEC2_19	Forward Servlet Action Request	isRequestedSessionIdFromCookie	FALSE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.isRequestedSessionIdFromCookie</code> must provide functionality as defined in the servlet specification
SPEC2_19	Forward Servlet Action Request	isRequestedSessionIdFromURL	FALSE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.isRequestedSessionIdFromURL</code> must provide functionality as defined in the servlet specification
SPEC2_19	Forward Servlet Action Request	isRequestedSessionIdFromUrl	FALSE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.isRequestedSessionIdFromUrl</code> must provide functionality as defined in the servlet specification
SPEC2_19	Forward Servlet Action Response	addCookie	FALSE	In a target servlet of a forward in the Action phase, the method <code>HttpServletResponse.addCookie</code> must work in the same manner as the <code>ActionResponse.addProperty(javax.servlet.http.Cookie)</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward Servlet Action Response	addDateHeader	FALSE	In a target servlet of a forward in the Action phase, the method <code>HttpServletResponse.addDateHeader</code> does not perform any operation
SPEC2_19	Forward Servlet Action Response	addHeader	FALSE	In a target servlet of a forward in the Action phase, the method <code>HttpServletResponse.addHeader</code> does not perform any operation
SPEC2_19	Forward Servlet Action Response	addIntHeader	FALSE	In a target servlet of a forward in the Action phase, the method <code>HttpServletResponse.addIntHeader</code> does not perform any operation
SPEC2_19	Forward Servlet Action Response	flushBuffer	FALSE	In a target servlet of a forward in the Action phase, the method <code>HttpServletResponse.flushBuffer</code> does not perform any operation
SPEC2_19	Forward Servlet Action Response	getOutputStream	FALSE	In a target servlet of a forward in the Action phase, the method <code>HttpServletResponse.getOutputStream</code> must return an output stream that ignores all input
SPEC2_19	Forward Servlet Action Response	getWriter	FALSE	In a target servlet of a forward in the Action phase, the method <code>HttpServletResponse.getWriter</code> must return a writer that ignores all input
SPEC2_19	Forward Servlet Action Response	reset	FALSE	In a target servlet of a forward in the Action phase, the method <code>HttpServletResponse.reset</code> does not perform any operation
SPEC2_19	Forward Servlet Action Response	resetBuffer	FALSE	In a target servlet of a forward in the Action phase, the method <code>HttpServletResponse.resetBuffer</code> does not perform any operation
SPEC2_19	Forward Servlet Action Response	sendError	FALSE	In a target servlet of a forward in the Action phase, the method <code>HttpServletResponse.sendError</code> does not perform any operation
SPEC2_19	Forward Servlet Action Response	setBufferSize	FALSE	In a target servlet of a forward in the Action phase, the method <code>HttpServletResponse.setBufferSize</code> does not perform any operation
SPEC2_19	Forward Servlet Action Response	setCharacterEncoding	FALSE	In a target servlet of a forward in the Action phase, the method <code>HttpServletResponse.setCharacterEncoding</code> does not perform any operation
SPEC2_19	Forward Servlet Action Response	setContentLength	FALSE	In a target servlet of a forward in the Action phase, the method <code>HttpServletResponse.setContentLength</code> does not perform any operation
SPEC2_19	Forward Servlet Action Response	setContentType	FALSE	In a target servlet of a forward in the Action phase, the method <code>HttpServletResponse.setContentType</code> does not perform any operation
SPEC2_19	Forward Servlet Action Response	setDateHeader	FALSE	In a target servlet of a forward in the Action phase, the method <code>HttpServletResponse.setDateHeader</code> does not perform any operation
SPEC2_19	Forward Servlet Action Response	setHeader	FALSE	In a target servlet of a forward in the Action phase, the method <code>HttpServletResponse.setHeader</code> does not perform any operation
SPEC2_19	Forward Servlet Action Response	setIntHeader	FALSE	In a target servlet of a forward in the Action phase, the method <code>HttpServletResponse.setIntHeader</code> does not perform any operation
SPEC2_19	Forward Servlet Action Response	setLocale	FALSE	In a target servlet of a forward in the Action phase, the method <code>HttpServletResponse.setLocale</code> does not perform any operation
SPEC2_19	Forward Servlet Action Response	setStatus	FALSE	In a target servlet of a forward in the Action phase, the method <code>HttpServletResponse.setStatus</code> does not perform any operation
SPEC2_19	Forward Servlet Event Request	isRequestedSessionIdFromCookie	FALSE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.isRequestedSessionIdFromCookie</code> must provide functionality as defined in the servlet specification

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward Servlet Event Request	isRequestedSessionIdFromURL 1	FALSE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.isRequestedSessionIdFromURL</code> must provide functionality as defined in the servlet specification
SPEC2_19	Forward Servlet Event Request	isRequestedSessionIdFromUrl	FALSE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.isRequestedSessionIdFromUrl</code> must provide functionality as defined in the servlet specification
SPEC2_19	Forward Servlet Event Request	setCharacterEncoding	FALSE	In a target servlet of a forward in the Event phase, the method <code>HttpServletRequest.setCharacterEncoding</code> does not perform any operation
SPEC2_19	Forward Servlet Event Response	addCookie	FALSE	In a target servlet of a forward in the Event phase, the method <code>HttpServletResponse.addCookie</code> must work in the same manner as the <code>EventResponse.addProperty(javax.servlet.http.Cookie)</code>
SPEC2_19	Forward Servlet Event Response	addDateHeader	FALSE	In a target servlet of a forward in the Event phase, the method <code>HttpServletResponse.addDateHeader</code> does not perform any operation
SPEC2_19	Forward Servlet Event Response	addHeader	FALSE	In a target servlet of a forward in the Event phase, the method <code>HttpServletResponse.addHeader</code> does not perform any operation
SPEC2_19	Forward Servlet Event Response	addIntHeader	FALSE	In a target servlet of a forward in the Event phase, the method <code>HttpServletResponse.addIntHeader</code> does not perform any operation
SPEC2_19	Forward Servlet Event Response	flushBuffer	FALSE	In a target servlet of a forward in the Event phase, the method <code>HttpServletResponse.flushBuffer</code> does not perform any operation
SPEC2_19	Forward Servlet Event Response	getOutputStream	FALSE	In a target servlet of a forward in the Event phase, the method <code>HttpServletResponse.getOutputStream</code> must return an output stream that ignores all input
SPEC2_19	Forward Servlet Event Response	getWriter	FALSE	In a target servlet of a forward in the Event phase, the method <code>HttpServletResponse.getWriter</code> must return a writer that ignores all input
SPEC2_19	Forward Servlet Event Response	reset	FALSE	In a target servlet of a forward in the Event phase, the method <code>HttpServletResponse.reset</code> does not perform any operation
SPEC2_19	Forward Servlet Event Response	resetBuffer	FALSE	In a target servlet of a forward in the Event phase, the method <code>HttpServletResponse.resetBuffer</code> does not perform any operation
SPEC2_19	Forward Servlet Event Response	sendError	FALSE	In a target servlet of a forward in the Event phase, the method <code>HttpServletResponse.sendError</code> does not perform any operation
SPEC2_19	Forward Servlet Event Response	sendRedirect	FALSE	In a target servlet of a forward in the Event phase, the method <code>HttpServletResponse.sendRedirect</code> does not perform any operation
SPEC2_19	Forward Servlet Event Response	setBufferSize	FALSE	In a target servlet of a forward in the Event phase, the method <code>HttpServletResponse.setBufferSize</code> does not perform any operation
SPEC2_19	Forward Servlet Event Response	setCharacterEncoding	FALSE	In a target servlet of a forward in the Event phase, the method <code>HttpServletResponse.setCharacterEncoding</code> does not perform any operation
SPEC2_19	Forward Servlet Event Response	setContentLength	FALSE	In a target servlet of a forward in the Event phase, the method <code>HttpServletResponse.setContentLength</code> does not perform any operation
SPEC2_19	Forward Servlet Event Response	setContentType	FALSE	In a target servlet of a forward in the Event phase, the method <code>HttpServletResponse.setContentType</code> does not perform any operation

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward Servlet Event Response	setDateHeader	FALSE	In a target servlet of a forward in the Event phase, the method <code>HttpServletResponse.setDateHeader</code> does not perform any operation
SPEC2_19	Forward Servlet Event Response	setHeader	FALSE	In a target servlet of a forward in the Event phase, the method <code>HttpServletResponse.setHeader</code> does not perform any operation
SPEC2_19	Forward Servlet Event Response	setIntHeader	FALSE	In a target servlet of a forward in the Event phase, the method <code>HttpServletResponse.setIntHeader</code> does not perform any operation
SPEC2_19	Forward Servlet Event Response	setLocale	FALSE	In a target servlet of a forward in the Event phase, the method <code>HttpServletResponse.setLocale</code> does not perform any operation
SPEC2_19	Forward Servlet Event Response	setStatus	FALSE	In a target servlet of a forward in the Event phase, the method <code>HttpServletResponse.setStatus</code> does not perform any operation
SPEC2_19	Forward Servlet Render Request	isRequestedSessionIdFromCookie	FALSE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.isRequestedSessionIdFromCookie</code> must provide functionality as defined in the servlet specification
SPEC2_19	Forward Servlet Render Request	isRequestedSessionIdFromURL	FALSE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.isRequestedSessionIdFromURL</code> must provide functionality as defined in the servlet specification
SPEC2_19	Forward Servlet Render Request	isRequestedSessionIdFromUrl	FALSE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.isRequestedSessionIdFromUrl</code> must provide functionality as defined in the servlet specification
SPEC2_19	Forward Servlet Render Response	addCookie	FALSE	In a target servlet of a forward in the Render phase, the method <code>HttpServletResponse.addCookie</code> must work in the same manner as the <code>RenderResponse.addProperty(javax.servlet.http.Cookie)</code>
SPEC2_19	Forward Servlet Render Response	addDateHeader	FALSE	In a target servlet of a forward in the Render phase, the method <code>HttpServletResponse.addDateHeader</code> must work in the same manner as the <code>RenderResponse.setProperty</code> method for the corresponding header name
SPEC2_19	Forward Servlet Render Response	addHeader	FALSE	In a target servlet of a forward in the Render phase, the method <code>HttpServletResponse.addHeader</code> must work in the same manner as the <code>RenderResponse.setProperty</code> method for the corresponding header name
SPEC2_19	Forward Servlet Render Response	addIntHeader	FALSE	In a target servlet of a forward in the Render phase, the method <code>HttpServletResponse.addIntHeader</code> must work in the same manner as the <code>RenderResponse.setProperty</code> method for the corresponding header name
SPEC2_19	Forward Servlet Render Response	flushBuffer	FALSE	In a target servlet of a forward in the Render phase, the method <code>HttpServletResponse.flushBuffer</code> must provide the same functionality as <code>RenderResponse.flushBuffer</code>
SPEC2_19	Forward Servlet Render Response	getWriter	FALSE	In a target servlet of a forward in the Render phase, the method <code>HttpServletResponse.getWriter</code> must provide the same functionality as <code>RenderResponse.getWriter</code>
SPEC2_19	Forward Servlet Render Response	reset	FALSE	In a target servlet of a forward in the Render phase, the method <code>HttpServletResponse.reset</code> must provide the same functionality as <code>RenderResponse.reset</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward Servlet Render Response	resetBuffer	FALSE	In a target servlet of a forward in the Render phase, the method <code>HttpServletResponse.resetBuffer</code> must provide the same functionality as <code>RenderResponse.resetBuffer</code>
SPEC2_19	Forward Servlet Render Response	setBufferSize	FALSE	In a target servlet of a forward in the Render phase, the method <code>HttpServletResponse.setBufferSize</code> must provide the same functionality as <code>RenderResponse.setBufferSize</code>
SPEC2_19	Forward Servlet Render Response	setDateHeader	FALSE	In a target servlet of a forward in the Render phase, the method <code>HttpServletResponse.setDateHeader</code> must work in the same manner as the <code>RenderResponse.setProperty</code> method for the corresponding header name
SPEC2_19	Forward Servlet Render Response	setHeader	FALSE	In a target servlet of a forward in the Render phase, the method <code>HttpServletResponse.setHeader</code> must work in the same manner as the <code>RenderResponse.setProperty</code> method for the corresponding header name
SPEC2_19	Forward Servlet Render Response	setIntHeader	FALSE	In a target servlet of a forward in the Render phase, the method <code>HttpServletResponse.setIntHeader</code> must work in the same manner as the <code>RenderResponse.setProperty</code> method for the corresponding header name
SPEC2_19	Forward Servlet Resource Request	getReader	FALSE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.getReader</code> must provide the same functionality as <code>ResourceRequest.getReader</code>
SPEC2_19	Forward Servlet Resource Request	isRequestedSessionIdFromCookie	FALSE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.isRequestedSessionIdFromCookie</code> must provide functionality as defined in the servlet specification
SPEC2_19	Forward Servlet Resource Request	isRequestedSessionIdFromURL	FALSE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.isRequestedSessionIdFromURL</code> must provide functionality as defined in the servlet specification
SPEC2_19	Forward Servlet Resource Request	isRequestedSessionIdFromUrl	FALSE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.isRequestedSessionIdFromUrl</code> must provide functionality as defined in the servlet specification
SPEC2_19	Forward Servlet Resource Response	addCookie	FALSE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletResponse.addCookie</code> must work in the same manner as the <code>ResourceResponse.addProperty(javax.servlet.http.Cookie)</code>
SPEC2_19	Forward Servlet Resource Response	addDateHeader	FALSE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletResponse.addDateHeader</code> must work in the same manner as the <code>ResourceResponse.setProperty</code> method for the corresponding header name
SPEC2_19	Forward Servlet Resource Response	addHeader	FALSE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletResponse.addHeader</code> must work in the same manner as the <code>ResourceResponse.setProperty</code> method for the corresponding header name
SPEC2_19	Forward Servlet Resource Response	addIntHeader	FALSE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletResponse.addIntHeader</code> must work in the same manner as the <code>ResourceResponse.setProperty</code> method for the corresponding header name
SPEC2_19	Forward Servlet Resource Response	flushBuffer	FALSE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletResponse.flushBuffer</code> must provide the same functionality as <code>ResourceResponse.flushBuffer</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward Servlet Resource Response	getWriter	FALSE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletResponse.getWriter</code> must provide the same functionality as <code>ResourceResponse.getWriter</code>
SPEC2_19	Forward Servlet Resource Response	reset	FALSE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletResponse.reset</code> must provide the same functionality as <code>ResourceResponse.reset</code>
SPEC2_19	Forward Servlet Resource Response	resetBuffer	FALSE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletResponse.resetBuffer</code> must provide the same functionality as <code>ResourceResponse.resetBuffer</code>
SPEC2_19	Forward Servlet Resource Response	setBufferSize	FALSE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletResponse.setBufferSize</code> must provide the same functionality as <code>ResourceResponse.setBufferSize</code>
SPEC2_19	Forward Servlet Resource Response	setDateHeader	FALSE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletResponse.setDateHeader</code> must work in the same manner as the <code>ResourceResponse.setProperty</code> method for the corresponding header name
SPEC2_19	Forward Servlet Resource Response	setHeader	FALSE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletResponse.setHeader</code> must work in the same manner as the <code>ResourceResponse.setProperty</code> method for the corresponding header name
SPEC2_19	Forward Servlet Resource Response	setIntHeader	FALSE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletResponse.setIntHeader</code> must work in the same manner as the <code>ResourceResponse.setProperty</code> method for the corresponding header name
SPEC2_19	Forward Servlet Resource Response	setStatus	FALSE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletResponse.setStatus</code> must work in the same manner as the <code>ResourceResponse.setProperty</code> method for the corresponding header name
SPEC2_19	Include JSP Action Request	getReader	FALSE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.getReader</code> must provide the same functionality as <code>ActionRequest.getReader</code>
SPEC2_19	Include JSP Action Request	isRequestedSessionIdFromCookie	FALSE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.isRequestedSessionIdFromCookie</code> must provide functionality as defined in the servlet specification
SPEC2_19	Include JSP Action Request	isRequestedSessionIdFromURL	FALSE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.isRequestedSessionIdFromURL</code> must provide functionality as defined in the servlet specification
SPEC2_19	Include JSP Action Request	isRequestedSessionIdFromUrl	FALSE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.isRequestedSessionIdFromUrl</code> must provide functionality as defined in the servlet specification
SPEC2_19	Include JSP Action Response	addCookie	FALSE	In a target jsp of a include in the Action phase, the method <code>HttpServletResponse.addCookie</code> does not perform any operation
SPEC2_19	Include JSP Action Response	addDateHeader	FALSE	In a target jsp of a include in the Action phase, the method <code>HttpServletResponse.addDateHeader</code> does not perform any operation

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include JSP Action Response	addHeader	FALSE	In a target jsp of a include in the Action phase, the method <code>HttpServletResponse.addHeader</code> does not perform any operation
SPEC2_19	Include JSP Action Response	addIntHeader	FALSE	In a target jsp of a include in the Action phase, the method <code>HttpServletResponse.addIntHeader</code> does not perform any operation
SPEC2_19	Include JSP Action Response	flushBuffer	FALSE	In a target jsp of a include in the Action phase, the method <code>HttpServletResponse.flushBuffer</code> does not perform any operation
SPEC2_19	Include JSP Action Response	getOutputStream	FALSE	In a target jsp of a include in the Action phase, the method <code>HttpServletResponse.getOutputStream</code> must return an output stream that ignores all input
SPEC2_19	Include JSP Action Response	getWriter	FALSE	In a target jsp of a include in the Action phase, the method <code>HttpServletResponse.getWriter</code> must return a writer that ignores all input
SPEC2_19	Include JSP Action Response	reset	FALSE	In a target jsp of a include in the Action phase, the method <code>HttpServletResponse.reset</code> does not perform any operation
SPEC2_19	Include JSP Action Response	resetBuffer	FALSE	In a target jsp of a include in the Action phase, the method <code>HttpServletResponse.resetBuffer</code> does not perform any operation
SPEC2_19	Include JSP Action Response	sendError	FALSE	In a target jsp of a include in the Action phase, the method <code>HttpServletResponse.sendError</code> does not perform any operation
SPEC2_19	Include JSP Action Response	sendRedirect	FALSE	In a target jsp of a include in the Action phase, the method <code>HttpServletResponse.sendRedirect</code> does not perform any operation
SPEC2_19	Include JSP Action Response	setBufferSize	FALSE	In a target jsp of a include in the Action phase, the method <code>HttpServletResponse.setBufferSize</code> does not perform any operation
SPEC2_19	Include JSP Action Response	setCharacterEncoding	FALSE	In a target jsp of a include in the Action phase, the method <code>HttpServletResponse.setCharacterEncoding</code> does not perform any operation
SPEC2_19	Include JSP Action Response	setContentLength	FALSE	In a target jsp of a include in the Action phase, the method <code>HttpServletResponse.setContentLength</code> does not perform any operation
SPEC2_19	Include JSP Action Response	setContentType	FALSE	In a target jsp of a include in the Action phase, the method <code>HttpServletResponse.setContentType</code> does not perform any operation
SPEC2_19	Include JSP Action Response	setDateHeader	FALSE	In a target jsp of a include in the Action phase, the method <code>HttpServletResponse.setDateHeader</code> does not perform any operation
SPEC2_19	Include JSP Action Response	setHeader	FALSE	In a target jsp of a include in the Action phase, the method <code>HttpServletResponse.setHeader</code> does not perform any operation
SPEC2_19	Include JSP Action Response	setIntHeader	FALSE	In a target jsp of a include in the Action phase, the method <code>HttpServletResponse.setIntHeader</code> does not perform any operation
SPEC2_19	Include JSP Action Response	setLocale	FALSE	In a target jsp of a include in the Action phase, the method <code>HttpServletResponse.setLocale</code> does not perform any operation
SPEC2_19	Include JSP Action Response	setStatus	FALSE	In a target jsp of a include in the Action phase, the method <code>HttpServletResponse.setStatus</code> does not perform any operation
SPEC2_19	Include JSP Event Request	isRequestedSessionIdFromCookie	FALSE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.isRequestedSessionIdFromCookie</code> must provide functionality as defined in the servlet specification

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include JSP Event Request	isRequestedSessionIdFromURL	FALSE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.isRequestedSessionIdFromURL</code> must provide functionality as defined in the servlet specification
SPEC2_19	Include JSP Event Request	isRequestedSessionIdFromUrl	FALSE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.isRequestedSessionIdFromUrl</code> must provide functionality as defined in the servlet specification
SPEC2_19	Include JSP Event Request	setCharacterEncoding	FALSE	In a target jsp of a include in the Event phase, the method <code>HttpServletRequest.setCharacterEncoding</code> does not perform any operation
SPEC2_19	Include JSP Event Response	addCookie	FALSE	In a target jsp of a include in the Event phase, the method <code>HttpServletResponse.addCookie</code> does not perform any operation
SPEC2_19	Include JSP Event Response	addDateHeader	FALSE	In a target jsp of a include in the Event phase, the method <code>HttpServletResponse.addDateHeader</code> does not perform any operation
SPEC2_19	Include JSP Event Response	addHeader	FALSE	In a target jsp of a include in the Event phase, the method <code>HttpServletResponse.addHeader</code> does not perform any operation
SPEC2_19	Include JSP Event Response	addIntHeader	FALSE	In a target jsp of a include in the Event phase, the method <code>HttpServletResponse.addIntHeader</code> does not perform any operation
SPEC2_19	Include JSP Event Response	flushBuffer	FALSE	In a target jsp of a include in the Event phase, the method <code>HttpServletResponse.flushBuffer</code> does not perform any operation
SPEC2_19	Include JSP Event Response	getOutputStream	FALSE	In a target jsp of a include in the Event phase, the method <code>HttpServletResponse.getOutputStream</code> must return an output stream that ignores all input
SPEC2_19	Include JSP Event Response	getWriter	FALSE	In a target jsp of a include in the Event phase, the method <code>HttpServletResponse.getWriter</code> must return a writer that ignores all input
SPEC2_19	Include JSP Event Response	reset	FALSE	In a target jsp of a include in the Event phase, the method <code>HttpServletResponse.reset</code> does not perform any operation
SPEC2_19	Include JSP Event Response	resetBuffer	FALSE	In a target jsp of a include in the Event phase, the method <code>HttpServletResponse.resetBuffer</code> does not perform any operation
SPEC2_19	Include JSP Event Response	sendError	FALSE	In a target jsp of a include in the Event phase, the method <code>HttpServletResponse.sendError</code> does not perform any operation
SPEC2_19	Include JSP Event Response	sendRedirect	FALSE	In a target jsp of a include in the Event phase, the method <code>HttpServletResponse.sendRedirect</code> does not perform any operation
SPEC2_19	Include JSP Event Response	setBufferSize	FALSE	In a target jsp of a include in the Event phase, the method <code>HttpServletResponse.setBufferSize</code> does not perform any operation
SPEC2_19	Include JSP Event Response	setCharacterEncoding	FALSE	In a target jsp of a include in the Event phase, the method <code>HttpServletResponse.setCharacterEncoding</code> does not perform any operation
SPEC2_19	Include JSP Event Response	setContentLength	FALSE	In a target jsp of a include in the Event phase, the method <code>HttpServletResponse.setContentLength</code> does not perform any operation
SPEC2_19	Include JSP Event Response	setContentType	FALSE	In a target jsp of a include in the Event phase, the method <code>HttpServletResponse.setContentType</code> does not perform any operation
SPEC2_19	Include JSP Event Response	setDateHeader	FALSE	In a target jsp of a include in the Event phase, the method <code>HttpServletResponse.setDateHeader</code> does not perform any operation

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include JSP Event Response	setHeader	FALSE	In a target jsp of a include in the Event phase, the method <code>HttpServletResponse.setHeader</code> does not perform any operation
SPEC2_19	Include JSP Event Response	setIntHeader	FALSE	In a target jsp of a include in the Event phase, the method <code>HttpServletResponse.setIntHeader</code> does not perform any operation
SPEC2_19	Include JSP Event Response	setLocale	FALSE	In a target jsp of a include in the Event phase, the method <code>HttpServletResponse.setLocale</code> does not perform any operation
SPEC2_19	Include JSP Event Response	setStatus	FALSE	In a target jsp of a include in the Event phase, the method <code>HttpServletResponse.setStatus</code> does not perform any operation
SPEC2_19	Include JSP Render Request	isRequestedSessionIdFromCookie	FALSE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.isRequestedSessionIdFromCookie</code> must provide functionality as defined in the servlet specification
SPEC2_19	Include JSP Render Request	isRequestedSessionIdFromURL	FALSE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.isRequestedSessionIdFromURL</code> must provide functionality as defined in the servlet specification
SPEC2_19	Include JSP Render Request	isRequestedSessionIdFromUrl	FALSE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.isRequestedSessionIdFromUrl</code> must provide functionality as defined in the servlet specification
SPEC2_19	Include JSP Render Response	addCookie	FALSE	In a target jsp of a include in the Render phase, the method <code>HttpServletResponse.addCookie</code> does not perform any operation
SPEC2_19	Include JSP Render Response	addDateHeader	FALSE	In a target jsp of a include in the Render phase, the method <code>HttpServletResponse.addDateHeader</code> does not perform any operation
SPEC2_19	Include JSP Render Response	addHeader	FALSE	In a target jsp of a include in the Render phase, the method <code>HttpServletResponse.addHeader</code> does not perform any operation
SPEC2_19	Include JSP Render Response	addIntHeader	FALSE	In a target jsp of a include in the Render phase, the method <code>HttpServletResponse.addIntHeader</code> does not perform any operation
SPEC2_19	Include JSP Render Response	flushBuffer	FALSE	In a target jsp of a include in the Render phase, the method <code>HttpServletResponse.flushBuffer</code> must provide the same functionality as <code>RenderResponse.flushBuffer</code>
SPEC2_19	Include JSP Render Response	getWriter	FALSE	In a target jsp of a include in the Render phase, the method <code>HttpServletResponse.getWriter</code> must provide the same functionality as <code>RenderResponse.getWriter</code>
SPEC2_19	Include JSP Render Response	reset	FALSE	In a target jsp of a include in the Render phase, the method <code>HttpServletResponse.reset</code> must provide the same functionality as <code>RenderResponse.reset</code>
SPEC2_19	Include JSP Render Response	resetBuffer	FALSE	In a target jsp of a include in the Render phase, the method <code>HttpServletResponse.resetBuffer</code> must provide the same functionality as <code>RenderResponse.resetBuffer</code>
SPEC2_19	Include JSP Render Response	setBufferSize	FALSE	In a target jsp of a include in the Render phase, the method <code>HttpServletResponse.setBufferSize</code> must provide the same functionality as <code>RenderResponse.setBufferSize</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include JSP Render Response	setDateHeader	FALSE	In a target jsp of a include in the Render phase, the method <code>HttpServletResponse.setDateHeader</code> does not perform any operation
SPEC2_19	Include JSP Render Response	setHeader	FALSE	In a target jsp of a include in the Render phase, the method <code>HttpServletResponse.setHeader</code> does not perform any operation
SPEC2_19	Include JSP Render Response	setIntHeader	FALSE	In a target jsp of a include in the Render phase, the method <code>HttpServletResponse.setIntHeader</code> does not perform any operation
SPEC2_19	Include JSP Resource Request	getReader	FALSE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.getReader</code> must provide the same functionality as <code>ResourceRequest.getReader</code>
SPEC2_19	Include JSP Resource Request	isRequestedSessionIdFromCookie	FALSE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.isRequestedSessionIdFromCookie</code> must provide functionality as defined in the servlet specification
SPEC2_19	Include JSP Resource Request	isRequestedSessionIdFromURL	FALSE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.isRequestedSessionIdFromURL</code> must provide functionality as defined in the servlet specification
SPEC2_19	Include JSP Resource Request	isRequestedSessionIdFromUrl	FALSE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.isRequestedSessionIdFromUrl</code> must provide functionality as defined in the servlet specification
SPEC2_19	Include JSP Resource Response	addCookie	FALSE	In a target jsp of a include in the Resource phase, the method <code>HttpServletResponse.addCookie</code> does not perform any operation
SPEC2_19	Include JSP Resource Response	addDateHeader	FALSE	In a target jsp of a include in the Resource phase, the method <code>HttpServletResponse.addDateHeader</code> does not perform any operation
SPEC2_19	Include JSP Resource Response	addHeader	FALSE	In a target jsp of a include in the Resource phase, the method <code>HttpServletResponse.addHeader</code> does not perform any operation
SPEC2_19	Include JSP Resource Response	addIntHeader	FALSE	In a target jsp of a include in the Resource phase, the method <code>HttpServletResponse.addIntHeader</code> does not perform any operation
SPEC2_19	Include JSP Resource Response	flushBuffer	FALSE	In a target jsp of a include in the Resource phase, the method <code>HttpServletResponse.flushBuffer</code> must provide the same functionality as <code>ResourceResponse.flushBuffer</code>
SPEC2_19	Include JSP Resource Response	getWriter	FALSE	In a target jsp of a include in the Resource phase, the method <code>HttpServletResponse.getWriter</code> must provide the same functionality as <code>ResourceResponse.getWriter</code>
SPEC2_19	Include JSP Resource Response	reset	FALSE	In a target jsp of a include in the Resource phase, the method <code>HttpServletResponse.reset</code> must provide the same functionality as <code>ResourceResponse.reset</code>
SPEC2_19	Include JSP Resource Response	resetBuffer	FALSE	In a target jsp of a include in the Resource phase, the method <code>HttpServletResponse.resetBuffer</code> must provide the same functionality as <code>ResourceResponse.resetBuffer</code>
SPEC2_19	Include JSP Resource Response	setBufferSize	FALSE	In a target jsp of a include in the Resource phase, the method <code>HttpServletResponse.setBufferSize</code> must provide the same functionality as <code>ResourceResponse.setBufferSize</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include JSP Resource Response	setDateHeader	FALSE	In a target jsp of a include in the Resource phase, the method <code>HttpServletResponse.setDateHeader</code> does not perform any operation
SPEC2_19	Include JSP Resource Response	setHeader	FALSE	In a target jsp of a include in the Resource phase, the method <code>HttpServletResponse.setHeader</code> does not perform any operation
SPEC2_19	Include JSP Resource Response	setIntHeader	FALSE	In a target jsp of a include in the Resource phase, the method <code>HttpServletResponse.setIntHeader</code> does not perform any operation
SPEC2_19	Include Servlet Action Request	getReader	FALSE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.getReader</code> must provide the same functionality as <code>ActionRequest.getReader</code>
SPEC2_19	Include Servlet Action Request	isRequestedSessionIdFromCookie	FALSE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.isRequestedSessionIdFromCookie</code> must provide functionality as defined in the servlet specification
SPEC2_19	Include Servlet Action Request	isRequestedSessionIdFromURL	FALSE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.isRequestedSessionIdFromURL</code> must provide functionality as defined in the servlet specification
SPEC2_19	Include Servlet Action Request	isRequestedSessionIdFromUrl	FALSE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.isRequestedSessionIdFromUrl</code> must provide functionality as defined in the servlet specification
SPEC2_19	Include Servlet Action Response	addCookie	FALSE	In a target servlet of a include in the Action phase, the method <code>HttpServletResponse.addCookie</code> does not perform any operation
SPEC2_19	Include Servlet Action Response	addDateHeader	FALSE	In a target servlet of a include in the Action phase, the method <code>HttpServletResponse.addDateHeader</code> does not perform any operation
SPEC2_19	Include Servlet Action Response	addHeader	FALSE	In a target servlet of a include in the Action phase, the method <code>HttpServletResponse.addHeader</code> does not perform any operation
SPEC2_19	Include Servlet Action Response	addIntHeader	FALSE	In a target servlet of a include in the Action phase, the method <code>HttpServletResponse.addIntHeader</code> does not perform any operation
SPEC2_19	Include Servlet Action Response	flushBuffer	FALSE	In a target servlet of a include in the Action phase, the method <code>HttpServletResponse.flushBuffer</code> does not perform any operation
SPEC2_19	Include Servlet Action Response	getOutputStream	FALSE	In a target servlet of a include in the Action phase, the method <code>HttpServletResponse.getOutputStream</code> must return an output stream that ignores all input
SPEC2_19	Include Servlet Action Response	getWriter	FALSE	In a target servlet of a include in the Action phase, the method <code>HttpServletResponse.getWriter</code> must return a writer that ignores all input
SPEC2_19	Include Servlet Action Response	reset	FALSE	In a target servlet of a include in the Action phase, the method <code>HttpServletResponse.reset</code> does not perform any operation
SPEC2_19	Include Servlet Action Response	resetBuffer	FALSE	In a target servlet of a include in the Action phase, the method <code>HttpServletResponse.resetBuffer</code> does not perform any operation
SPEC2_19	Include Servlet Action Response	sendError	FALSE	In a target servlet of a include in the Action phase, the method <code>HttpServletResponse.sendError</code> does not perform any operation
SPEC2_19	Include Servlet Action Response	sendRedirect	FALSE	In a target servlet of a include in the Action phase, the method <code>HttpServletResponse.sendRedirect</code> does not perform any operation

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include Servlet Action Response	setBufferSize	FALSE	In a target servlet of a include in the Action phase, the method <code>HttpServletResponse.setBufferSize</code> does not perform any operation
SPEC2_19	Include Servlet Action Response	setCharacterEncoding	FALSE	In a target servlet of a include in the Action phase, the method <code>HttpServletResponse.setCharacterEncoding</code> does not perform any operation
SPEC2_19	Include Servlet Action Response	setContentLength	FALSE	In a target servlet of a include in the Action phase, the method <code>HttpServletResponse.setContentLength</code> does not perform any operation
SPEC2_19	Include Servlet Action Response	setContentType	FALSE	In a target servlet of a include in the Action phase, the method <code>HttpServletResponse.setContentType</code> does not perform any operation
SPEC2_19	Include Servlet Action Response	setDateHeader	FALSE	In a target servlet of a include in the Action phase, the method <code>HttpServletResponse.setDateHeader</code> does not perform any operation
SPEC2_19	Include Servlet Action Response	setHeader	FALSE	In a target servlet of a include in the Action phase, the method <code>HttpServletResponse.setHeader</code> does not perform any operation
SPEC2_19	Include Servlet Action Response	setIntHeader	FALSE	In a target servlet of a include in the Action phase, the method <code>HttpServletResponse.setIntHeader</code> does not perform any operation
SPEC2_19	Include Servlet Action Response	setLocale	FALSE	In a target servlet of a include in the Action phase, the method <code>HttpServletResponse.setLocale</code> does not perform any operation
SPEC2_19	Include Servlet Action Response	setStatus	FALSE	In a target servlet of a include in the Action phase, the method <code>HttpServletResponse.setStatus</code> does not perform any operation
SPEC2_19	Include Servlet Event Request	isRequestedSessionIdFromCookie	FALSE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.isRequestedSessionIdFromCookie</code> must provide functionality as defined in the servlet specification
SPEC2_19	Include Servlet Event Request	isRequestedSessionIdFromURL	FALSE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.isRequestedSessionIdFromURL</code> must provide functionality as defined in the servlet specification
SPEC2_19	Include Servlet Event Request	isRequestedSessionIdFromUrl	FALSE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.isRequestedSessionIdFromUrl</code> must provide functionality as defined in the servlet specification
SPEC2_19	Include Servlet Event Request	setCharacterEncoding	FALSE	In a target servlet of a include in the Event phase, the method <code>HttpServletRequest.setCharacterEncoding</code> does not perform any operation
SPEC2_19	Include Servlet Event Response	addCookie	FALSE	In a target servlet of a include in the Event phase, the method <code>HttpServletResponse.addCookie</code> does not perform any operation
SPEC2_19	Include Servlet Event Response	addDateHeader	FALSE	In a target servlet of a include in the Event phase, the method <code>HttpServletResponse.addDateHeader</code> does not perform any operation
SPEC2_19	Include Servlet Event Response	addHeader	FALSE	In a target servlet of a include in the Event phase, the method <code>HttpServletResponse.addHeader</code> does not perform any operation
SPEC2_19	Include Servlet Event Response	addIntHeader	FALSE	In a target servlet of a include in the Event phase, the method <code>HttpServletResponse.addIntHeader</code> does not perform any operation
SPEC2_19	Include Servlet Event Response	flushBuffer	FALSE	In a target servlet of a include in the Event phase, the method <code>HttpServletResponse.flushBuffer</code> does not perform any operation

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include Servlet Event Response	getOutputStream	FALSE	In a target servlet of a include in the Event phase, the method <code>HttpServletResponse.getOutputStream</code> must return an output stream that ignores all input
SPEC2_19	Include Servlet Event Response	getWriter	FALSE	In a target servlet of a include in the Event phase, the method <code>HttpServletResponse.getWriter</code> must return a writer that ignores all input
SPEC2_19	Include Servlet Event Response	reset	FALSE	In a target servlet of a include in the Event phase, the method <code>HttpServletResponse.reset</code> does not perform any operation
SPEC2_19	Include Servlet Event Response	resetBuffer	FALSE	In a target servlet of a include in the Event phase, the method <code>HttpServletResponse.resetBuffer</code> does not perform any operation
SPEC2_19	Include Servlet Event Response	sendError	FALSE	In a target servlet of a include in the Event phase, the method <code>HttpServletResponse.sendError</code> does not perform any operation
SPEC2_19	Include Servlet Event Response	sendRedirect	FALSE	In a target servlet of a include in the Event phase, the method <code>HttpServletResponse.sendRedirect</code> does not perform any operation
SPEC2_19	Include Servlet Event Response	setBufferSize	FALSE	In a target servlet of a include in the Event phase, the method <code>HttpServletResponse.setBufferSize</code> does not perform any operation
SPEC2_19	Include Servlet Event Response	setCharacterEncoding	FALSE	In a target servlet of a include in the Event phase, the method <code>HttpServletResponse.setCharacterEncoding</code> does not perform any operation
SPEC2_19	Include Servlet Event Response	setContentLength	FALSE	In a target servlet of a include in the Event phase, the method <code>HttpServletResponse.setContentLength</code> does not perform any operation
SPEC2_19	Include Servlet Event Response	setContentType	FALSE	In a target servlet of a include in the Event phase, the method <code>HttpServletResponse.setContentType</code> does not perform any operation
SPEC2_19	Include Servlet Event Response	setDateHeader	FALSE	In a target servlet of a include in the Event phase, the method <code>HttpServletResponse.setDateHeader</code> does not perform any operation
SPEC2_19	Include Servlet Event Response	setHeader	FALSE	In a target servlet of a include in the Event phase, the method <code>HttpServletResponse.setHeader</code> does not perform any operation
SPEC2_19	Include Servlet Event Response	setIntHeader	FALSE	In a target servlet of a include in the Event phase, the method <code>HttpServletResponse.setIntHeader</code> does not perform any operation
SPEC2_19	Include Servlet Event Response	setLocale	FALSE	In a target servlet of a include in the Event phase, the method <code>HttpServletResponse.setLocale</code> does not perform any operation
SPEC2_19	Include Servlet Event Response	setStatus	FALSE	In a target servlet of a include in the Event phase, the method <code>HttpServletResponse.setStatus</code> does not perform any operation
SPEC2_19	Include Servlet Render Request	isRequestedSessionIdFromCookie	FALSE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.isRequestedSessionIdFromCookie</code> must provide functionality as defined in the servlet specification
SPEC2_19	Include Servlet Render Request	isRequestedSessionIdFromURL	FALSE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.isRequestedSessionIdFromURL</code> must provide functionality as defined in the servlet specification
SPEC2_19	Include Servlet Render Request	isRequestedSessionIdFromUrl	FALSE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.isRequestedSessionIdFromUrl</code> must provide functionality as defined in the servlet specification

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include Servlet Render Response	addCookie	FALSE	In a target servlet of a include in the Render phase, the method <code>HttpServletResponse.addCookie</code> does not perform any operation
SPEC2_19	Include Servlet Render Response	addDateHeader	FALSE	In a target servlet of a include in the Render phase, the method <code>HttpServletResponse.addDateHeader</code> does not perform any operation
SPEC2_19	Include Servlet Render Response	addHeader	FALSE	In a target servlet of a include in the Render phase, the method <code>HttpServletResponse.addHeader</code> does not perform any operation
SPEC2_19	Include Servlet Render Response	addIntHeader	FALSE	In a target servlet of a include in the Render phase, the method <code>HttpServletResponse.addIntHeader</code> does not perform any operation
SPEC2_19	Include Servlet Render Response	flushBuffer	FALSE	In a target servlet of a include in the Render phase, the method <code>HttpServletResponse.flushBuffer</code> must provide the same functionality as <code>RenderResponse.flushBuffer</code>
SPEC2_19	Include Servlet Render Response	getWriter	FALSE	In a target servlet of a include in the Render phase, the method <code>HttpServletResponse.getWriter</code> must provide the same functionality as <code>RenderResponse.getWriter</code>
SPEC2_19	Include Servlet Render Response	reset	FALSE	In a target servlet of a include in the Render phase, the method <code>HttpServletResponse.reset</code> must provide the same functionality as <code>RenderResponse.reset</code>
SPEC2_19	Include Servlet Render Response	resetBuffer	FALSE	In a target servlet of a include in the Render phase, the method <code>HttpServletResponse.resetBuffer</code> must provide the same functionality as <code>RenderResponse.resetBuffer</code>
SPEC2_19	Include Servlet Render Response	setBufferSize	FALSE	In a target servlet of a include in the Render phase, the method <code>HttpServletResponse.setBufferSize</code> must provide the same functionality as <code>RenderResponse.setBufferSize</code>
SPEC2_19	Include Servlet Render Response	setDateHeader	FALSE	In a target servlet of a include in the Render phase, the method <code>HttpServletResponse.setDateHeader</code> does not perform any operation
SPEC2_19	Include Servlet Render Response	setHeader	FALSE	In a target servlet of a include in the Render phase, the method <code>HttpServletResponse.setHeader</code> does not perform any operation
SPEC2_19	Include Servlet Render Response	setIntHeader	FALSE	In a target servlet of a include in the Render phase, the method <code>HttpServletResponse.setIntHeader</code> does not perform any operation
SPEC2_19	Include Servlet Resource Request	getReader	FALSE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.getReader</code> must provide the same functionality as <code>ResourceRequest.getReader</code>
SPEC2_19	Include Servlet Resource Request	isRequestedSessionIdFromCookie	FALSE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.isRequestedSessionIdFromCookie</code> must provide functionality as defined in the servlet specification
SPEC2_19	Include Servlet Resource Request	isRequestedSessionIdFromURL	FALSE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.isRequestedSessionIdFromURL</code> must provide functionality as defined in the servlet specification
SPEC2_19	Include Servlet Resource Request	isRequestedSessionIdFromUrl	FALSE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.isRequestedSessionIdFromUrl</code> must provide functionality as defined in the servlet specification

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include Servlet Resource Response	addCookie	FALSE	In a target servlet of a include in the Resource phase, the method <code>HttpServletResponse.addCookie</code> does not perform any operation
SPEC2_19	Include Servlet Resource Response	addDateHeader	FALSE	In a target servlet of a include in the Resource phase, the method <code>HttpServletResponse.addDateHeader</code> does not perform any operation
SPEC2_19	Include Servlet Resource Response	addHeader	FALSE	In a target servlet of a include in the Resource phase, the method <code>HttpServletResponse.addHeader</code> does not perform any operation
SPEC2_19	Include Servlet Resource Response	addIntHeader	FALSE	In a target servlet of a include in the Resource phase, the method <code>HttpServletResponse.addIntHeader</code> does not perform any operation
SPEC2_19	Include Servlet Resource Response	flushBuffer	FALSE	In a target servlet of a include in the Resource phase, the method <code>HttpServletResponse.flushBuffer</code> must provide the same functionality as <code>ResourceResponse.flushBuffer</code>
SPEC2_19	Include Servlet Resource Response	getWriter	FALSE	In a target servlet of a include in the Resource phase, the method <code>HttpServletResponse.getWriter</code> must provide the same functionality as <code>ResourceResponse.getWriter</code>
SPEC2_19	Include Servlet Resource Response	reset	FALSE	In a target servlet of a include in the Resource phase, the method <code>HttpServletResponse.reset</code> must provide the same functionality as <code>ResourceResponse.reset</code>
SPEC2_19	Include Servlet Resource Response	resetBuffer	FALSE	In a target servlet of a include in the Resource phase, the method <code>HttpServletResponse.resetBuffer</code> must provide the same functionality as <code>ResourceResponse.resetBuffer</code>
SPEC2_19	Include Servlet Resource Response	setBufferSize	FALSE	In a target servlet of a include in the Resource phase, the method <code>HttpServletResponse.setBufferSize</code> must provide the same functionality as <code>ResourceResponse.setBufferSize</code>
SPEC2_19	Include Servlet Resource Response	setDateHeader	FALSE	In a target servlet of a include in the Resource phase, the method <code>HttpServletResponse.setDateHeader</code> does not perform any operation
SPEC2_19	Include Servlet Resource Response	setHeader	FALSE	In a target servlet of a include in the Resource phase, the method <code>HttpServletResponse.setHeader</code> does not perform any operation
SPEC2_19	Include Servlet Resource Response	setIntHeader	FALSE	In a target servlet of a include in the Resource phase, the method <code>HttpServletResponse.setIntHeader</code> does not perform any operation
SPEC2_19	Forward JSP Action Request	getInputStream	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.getInputStream</code> must provide the same functionality as <code>ActionRequest.getPortletInputStream</code>
SPEC2_19	Forward JSP Action Request	setCharacterEncoding	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletRequest.setCharacterEncoding</code> must provide the same functionality as <code>ActionRequest.setCharacterEncoding</code>
SPEC2_19	Forward JSP Action Response	sendRedirect	TRUE	In a target jsp of a forward in the Action phase, the method <code>HttpServletResponse.sendRedirect</code> must provide the same functionality as <code>ActionResponse.sendRedirect</code>
SPEC2_19	Forward JSP Render Request	setCharacterEncoding	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletRequest.setCharacterEncoding</code> does not perform any operation

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward JSP Render Response	getOutputStream	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletResponse.getOutputStream</code> must provide the same functionality as <code>RenderResponse.getPortletOutputStream</code>
SPEC2_19	Forward JSP Render Response	sendError	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletResponse.sendError</code> does not perform any operation
SPEC2_19	Forward JSP Render Response	sendRedirect	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletResponse.sendRedirect</code> does not perform any operation
SPEC2_19	Forward JSP Render Response	setCharacterEncoding	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletResponse.setCharacterEncoding</code> does not perform any operation
SPEC2_19	Forward JSP Render Response	setContentLength	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletResponse.setContentLength</code> does not perform any operation
SPEC2_19	Forward JSP Render Response	setContentType	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletResponse.setContentType</code> must provide the same functionality as <code>RenderResponse.setContentType</code>
SPEC2_19	Forward JSP Render Response	setLocale	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletResponse.setLocale</code> does not perform any operation
SPEC2_19	Forward JSP Render Response	setStatus	TRUE	In a target jsp of a forward in the Render phase, the method <code>HttpServletResponse.setStatus</code> does not perform any operation
SPEC2_19	Forward JSP Resource Request	getInputStream	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.getInputStream</code> must provide the same functionality as <code>ResourceRequest.getPortletInputStream</code>
SPEC2_19	Forward JSP Resource Request	setCharacterEncoding	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletRequest.setCharacterEncoding</code> must provide the same functionality as <code>ResourceRequest.setCharacterEncoding</code>
SPEC2_19	Forward JSP Resource Response	getOutputStream	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletResponse.getOutputStream</code> must provide the same functionality as <code>ResourceResponse.getPortletOutputStream</code>
SPEC2_19	Forward JSP Resource Response	sendError	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletResponse.sendError</code> does not perform any operation
SPEC2_19	Forward JSP Resource Response	sendRedirect	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletResponse.sendRedirect</code> does not perform any operation
SPEC2_19	Forward JSP Resource Response	setCharacterEncoding	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletResponse.setCharacterEncoding</code> must provide the same functionality as <code>ResourceResponse.setCharacterEncoding</code>
SPEC2_19	Forward JSP Resource Response	setContentLength	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletResponse.setContentLength</code> must provide the same functionality as <code>ResourceResponse.setContentLength</code>
SPEC2_19	Forward JSP Resource Response	setContentType	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletResponse.setContentType</code> must provide the same functionality as <code>ResourceResponse.setContentType</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward JSP Resource Response	setLocale	TRUE	In a target jsp of a forward in the Resource phase, the method <code>HttpServletResponse.setLocale</code> must provide the same functionality as <code>ResourceResponse.setLocale</code>
SPEC2_19	Forward Servlet Action Request	getInputStream	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.getInputStream</code> must provide the same functionality as <code>ActionRequest.getPortletInputStream</code>
SPEC2_19	Forward Servlet Action Request	setCharacterEncoding	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletRequest.setCharacterEncoding</code> must provide the same functionality as <code>ActionRequest.setCharacterEncoding</code>
SPEC2_19	Forward Servlet Action Response	sendRedirect	TRUE	In a target servlet of a forward in the Action phase, the method <code>HttpServletResponse.sendRedirect</code> must provide the same functionality as <code>ActionResponse.sendRedirect</code>
SPEC2_19	Forward Servlet Render Request	setCharacterEncoding	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletRequest.setCharacterEncoding</code> does not perform any operation
SPEC2_19	Forward Servlet Render Response	getOutputStream	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletResponse.getOutputStream</code> must provide the same functionality as <code>RenderResponse.getPortletOutputStream</code>
SPEC2_19	Forward Servlet Render Response	sendError	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletResponse.sendError</code> does not perform any operation
SPEC2_19	Forward Servlet Render Response	sendRedirect	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletResponse.sendRedirect</code> does not perform any operation
SPEC2_19	Forward Servlet Render Response	setCharacterEncoding	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletResponse.setCharacterEncoding</code> does not perform any operation
SPEC2_19	Forward Servlet Render Response	setContentLength	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletResponse.setContentLength</code> does not perform any operation
SPEC2_19	Forward Servlet Render Response	setContentType	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletResponse.setContentType</code> must provide the same functionality as <code>RenderResponse.setContentType</code>
SPEC2_19	Forward Servlet Render Response	setLocale	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletResponse.setLocale</code> does not perform any operation
SPEC2_19	Forward Servlet Render Response	setStatus	TRUE	In a target servlet of a forward in the Render phase, the method <code>HttpServletResponse.setStatus</code> does not perform any operation
SPEC2_19	Forward Servlet Resource Request	getInputStream	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.getInputStream</code> must provide the same functionality as <code>ResourceRequest.getPortletInputStream</code>
SPEC2_19	Forward Servlet Resource Request	setCharacterEncoding	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletRequest.setCharacterEncoding</code> must provide the same functionality as <code>ResourceRequest.setCharacterEncoding</code>
SPEC2_19	Forward Servlet Resource Response	getOutputStream	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletResponse.getOutputStream</code> must provide the same functionality as <code>ResourceResponse.getPortletOutputStream</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Forward Servlet Resource Response	sendError	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletResponse.sendError</code> does not perform any operation
SPEC2_19	Forward Servlet Resource Response	sendRedirect	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletResponse.sendRedirect</code> does not perform any operation
SPEC2_19	Forward Servlet Resource Response	setCharacterEncoding	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletResponse.setCharacterEncoding</code> must provide the same functionality as <code>ResourceResponse.setCharacterEncoding</code>
SPEC2_19	Forward Servlet Resource Response	setContentLength	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletResponse.setContentLength</code> must provide the same functionality as <code>ResourceResponse.setContentLength</code>
SPEC2_19	Forward Servlet Resource Response	setContentType	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletResponse.setContentType</code> must provide the same functionality as <code>ResourceResponse.setContentType</code>
SPEC2_19	Forward Servlet Resource Response	setLocale	TRUE	In a target servlet of a forward in the Resource phase, the method <code>HttpServletResponse.setLocale</code> must provide the same functionality as <code>ResourceResponse.setLocale</code>
SPEC2_19	Include JSP Action Request	getInputStream	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.getInputStream</code> must provide the same functionality as <code>ActionRequest.getPortletInputStream</code>
SPEC2_19	Include JSP Action Request	setCharacterEncoding	TRUE	In a target jsp of a include in the Action phase, the method <code>HttpServletRequest.setCharacterEncoding</code> must provide the same functionality as <code>ActionRequest.setCharacterEncoding</code>
SPEC2_19	Include JSP Render Request	setCharacterEncoding	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletRequest.setCharacterEncoding</code> does not perform any operation
SPEC2_19	Include JSP Render Response	getOutputStream	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletResponse.getOutputStream</code> must provide the same functionality as <code>RenderResponse.getPortletOutputStream</code>
SPEC2_19	Include JSP Render Response	sendError	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletResponse.sendError</code> does not perform any operation
SPEC2_19	Include JSP Render Response	sendRedirect	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletResponse.sendRedirect</code> does not perform any operation
SPEC2_19	Include JSP Render Response	setCharacterEncoding	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletResponse.setCharacterEncoding</code> does not perform any operation
SPEC2_19	Include JSP Render Response	setContentLength	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletResponse.setContentLength</code> does not perform any operation
SPEC2_19	Include JSP Render Response	setContentType	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletResponse.setContentType</code> does not perform any operation
SPEC2_19	Include JSP Render Response	setLocale	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletResponse.setLocale</code> does not perform any operation
SPEC2_19	Include JSP Render Response	setStatus	TRUE	In a target jsp of a include in the Render phase, the method <code>HttpServletResponse.setStatus</code> does not perform any operation

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include JSP Resource Request	getInputStream	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.getInputStream</code> must provide the same functionality as <code>ResourceRequest.getPortletInputStream</code>
SPEC2_19	Include JSP Resource Request	setCharacterEncoding	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletRequest.setCharacterEncoding</code> must provide the same functionality as <code>ResourceRequest.setCharacterEncoding</code>
SPEC2_19	Include JSP Resource Response	getOutputStream	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletResponse.getOutputStream</code> must provide the same functionality as <code>ResourceResponse.getPortletOutputStream</code>
SPEC2_19	Include JSP Resource Response	sendError	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletResponse.sendError</code> does not perform any operation
SPEC2_19	Include JSP Resource Response	sendRedirect	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletResponse.sendRedirect</code> does not perform any operation
SPEC2_19	Include JSP Resource Response	setCharacterEncoding	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletResponse.setCharacterEncoding</code> does not perform any operation
SPEC2_19	Include JSP Resource Response	setContentLength	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletResponse.setContentLength</code> does not perform any operation
SPEC2_19	Include JSP Resource Response	setContentType	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletResponse.setContentType</code> does not perform any operation
SPEC2_19	Include JSP Resource Response	setLocale	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletResponse.setLocale</code> does not perform any operation
SPEC2_19	Include JSP Resource Response	setStatus	TRUE	In a target jsp of a include in the Resource phase, the method <code>HttpServletResponse.setStatus</code> does not perform any operation
SPEC2_19	Include Servlet Action Request	getInputStream	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.getInputStream</code> must provide the same functionality as <code>ActionRequest.getPortletInputStream</code>
SPEC2_19	Include Servlet Action Request	setCharacterEncoding	TRUE	In a target servlet of a include in the Action phase, the method <code>HttpServletRequest.setCharacterEncoding</code> must provide the same functionality as <code>ActionRequest.setCharacterEncoding</code>
SPEC2_19	Include Servlet Render Request	setCharacterEncoding	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletRequest.setCharacterEncoding</code> does not perform any operation
SPEC2_19	Include Servlet Render Response	getOutputStream	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletResponse.getOutputStream</code> must provide the same functionality as <code>RenderResponse.getPortletOutputStream</code>
SPEC2_19	Include Servlet Render Response	sendError	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletResponse.sendError</code> does not perform any operation
SPEC2_19	Include Servlet Render Response	sendRedirect	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletResponse.sendRedirect</code> does not perform any operation
SPEC2_19	Include Servlet Render Response	setCharacterEncoding	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletResponse.setCharacterEncoding</code> does not perform any operation

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
SPEC2_19	Include Servlet Render Response	setContentLength	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletResponse.setContentLength</code> does not perform any operation
SPEC2_19	Include Servlet Render Response	setContentType	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletResponse.setContentType</code> does not perform any operation
SPEC2_19	Include Servlet Render Response	setLocale	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletResponse.setLocale</code> does not perform any operation
SPEC2_19	Include Servlet Render Response	setStatus	TRUE	In a target servlet of a include in the Render phase, the method <code>HttpServletResponse.setStatus</code> does not perform any operation
SPEC2_19	Include Servlet Resource Request	getInputStream	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.getInputStream</code> must provide the same functionality as <code>ResourceRequest.getPortletInputStream</code>
SPEC2_19	Include Servlet Resource Request	setCharacterEncoding	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletRequest.setCharacterEncoding</code> must provide the same functionality as <code>ResourceRequest.setCharacterEncoding</code>
SPEC2_19	Include Servlet Resource Response	getOutputStream	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletResponse.getOutputStream</code> must provide the same functionality as <code>ResourceResponse.getPortletOutputStream</code>
SPEC2_19	Include Servlet Resource Response	sendError	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletResponse.sendError</code> does not perform any operation
SPEC2_19	Include Servlet Resource Response	sendRedirect	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletResponse.sendRedirect</code> does not perform any operation
SPEC2_19	Include Servlet Resource Response	setCharacterEncoding	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletResponse.setCharacterEncoding</code> does not perform any operation
SPEC2_19	Include Servlet Resource Response	setContentLength	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletResponse.setContentLength</code> does not perform any operation
SPEC2_19	Include Servlet Resource Response	setContentType	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletResponse.setContentType</code> does not perform any operation
SPEC2_19	Include Servlet Resource Response	setLocale	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletResponse.setLocale</code> does not perform any operation
SPEC2_19	Include Servlet Resource Response	setStatus	TRUE	In a target servlet of a include in the Resource phase, the method <code>HttpServletResponse.setStatus</code> does not perform any operation

### 3.2 Apidoc Assertions

The tests in this section were derived from the JSR 286 API documentation.

Class / section	Keywords	Name	Testable	Description
-----------------	----------	------	----------	-------------

## JSR 362 Assertions

<b>Filter Tests</b>				
FilterChain	Api Action Filter	invokeActionFilter	TRUE	Invoking doFilter(ActionRequest, ActionResponse): causes next filter to be invoked
FilterChain	Api Action Filter	invokeActionFilter2	TRUE	Invoking doFilter(ActionRequest, ActionResponse): causes portlet action method to be invoked
FilterChain	Api Action Filter	invokeActionException	TRUE	Method doFilter(ActionRequest, ActionResponse): If a PortletException is thrown before invoking the next filter in the chain, processing does not continue down the chain
FilterChain	Api Action Filter	invokeActionException2	FALSE	Invoking doFilter(ActionRequest, ActionResponse): throws IOException if an I/O error occurs
FilterChain	Api Event Filter	invokeEventFilter	TRUE	Invoking doFilter(EventRequest, EventResponse): causes next filter to be invoked
FilterChain	Api Event Filter	invokeEventFilter2	TRUE	Invoking doFilter(EventRequest, EventResponse): causes portlet Event method to be invoked
FilterChain	Api Event Filter	invokeEventException	TRUE	Method doFilter(EventRequest, EventResponse): If a PortletException is thrown before invoking the next filter in the chain, processing does not continue down the chain
FilterChain	Api Event Filter	invokeEventException2	FALSE	Invoking doFilter(EventRequest, EventResponse): throws IOException if an I/O error occurs
FilterChain	Api Render Filter	invokeRenderFilter	TRUE	Invoking doFilter(RenderRequest, RenderResponse): causes next filter to be invoked
FilterChain	Api Render Filter	invokeRenderFilter2	TRUE	Invoking doFilter(RenderRequest, RenderResponse): causes portlet Render method to be invoked
FilterChain	Api Render Filter	invokeRenderException	TRUE	Method doFilter(RenderRequest, RenderResponse): If a PortletException is thrown before invoking the next filter in the chain, processing does not continue down the chain
FilterChain	Api Render Filter	invokeRenderException2	FALSE	Invoking doFilter(RenderRequest, RenderResponse): throws IOException if an I/O error occurs
FilterChain	Api Resource Filter	invokeResourceFilter	TRUE	Invoking doFilter(ResourceRequest, ResourceResponse): causes next filter to be invoked
FilterChain	Api Resource Filter	invokeResourceFilter2	TRUE	Invoking doFilter(ResourceRequest, ResourceResponse): causes portlet Resource method to be invoked
FilterChain	Api Resource Filter	invokeResourceException	TRUE	Method doFilter(ResourceRequest, ResourceResponse): If a PortletException is thrown before invoking the next filter in the chain, processing does not continue down the chain
FilterChain	Api Resource Filter	invokeResourceException2	FALSE	Invoking doFilter(ResourceRequest, ResourceResponse): throws IOException if an I/O error occurs
FilterConfig	Api Render Filter	getFilterName	TRUE	Method getFilterName(): getFilterName method returns filter name as defined in deployment descriptor
FilterConfig	Api Render Filter	getPortletContext	TRUE	Method getPortletContext(): Returns reference to PortletContext object

## JSR 362 Assertions

FilterConfig	Api Render Filter	getInitParameter1	TRUE	Method getInitParameter(String): Returns null if initialization parameter does not exist
FilterConfig	Api Render Filter	getInitParameter2	TRUE	Method getInitParameter(String): Returns value of specified initialization parameter
FilterConfig	Api Render Filter	getInitParameterNames1	TRUE	Method getInitParameterNames(): Returns empty Enumeration if no parameters defined
FilterConfig	Api Render Filter	getInitParameterNames2	TRUE	Method getInitParameterNames(): Returns an Enumeration of initialization parameters defined in deployment descriptor
PortletFilter	Api Action Filter	initAction1	TRUE	The init(FilterConfig): method is called when an ActionFilter is configured
PortletFilter	Api Action Filter	initAction2	TRUE	The init(FilterConfig): method for an ActionFilter is passed a FilterConfig object
PortletFilter	Api Action Filter	initAction3	TRUE	If the init(FilterConfig): method for an ActionFilter throws a PortletException, the filter is not placed in service
PortletFilter	Api Action Filter	destroyAction1	FALSE	The destroy(): method is called when an ActionFilter is taken out of service
PortletFilter	Api Action Filter	destroyAction2	FALSE	After the destroy(): method for an ActionFilter is called, no other filter method is called
PortletFilter	Api Event Filter	initEvent1	TRUE	The init(FilterConfig): method is called when an EventFilter is configured
PortletFilter	Api Event Filter	initEvent2	TRUE	The init(FilterConfig): method for an EventFilter is passed a FilterConfig object
PortletFilter	Api Event Filter	initEvent3	TRUE	If the init(FilterConfig): method for an EventFilter throws a PortletException, the filter is not placed in service
PortletFilter	Api Event Filter	destroyEvent1	FALSE	The destroy(): method is called when an EventFilter is taken out of service
PortletFilter	Api Event Filter	destroyEvent2	FALSE	After the destroy(): method for an EventFilter is called, no other filter method is called
PortletFilter	Api Render Filter	initRender1	TRUE	The init(FilterConfig): method is called when an RenderFilter is configured
PortletFilter	Api Render Filter	initRender2	TRUE	The init(FilterConfig): method for an RenderFilter is passed a FilterConfig object
PortletFilter	Api Render Filter	initRender3	TRUE	If the init(FilterConfig): method for an RenderFilter throws a PortletException, the filter is not placed in service
PortletFilter	Api Render Filter	destroyRender1	FALSE	The destroy(): method is called when an RenderFilter is taken out of service
PortletFilter	Api Render Filter	destroyRender2	FALSE	After the destroy(): method for an RenderFilter is called, no other filter method is called
PortletFilter	Api Resource Filter	initResource1	TRUE	The init(FilterConfig): method is called when an ResourceFilter is configured
PortletFilter	Api Resource Filter	initResource2	TRUE	The init(FilterConfig): method for an ResourceFilter is passed a FilterConfig object
PortletFilter	Api Resource Filter	initResource3	TRUE	If the init(FilterConfig): method for an ResourceFilter throws a PortletException, the filter is not placed in service

## JSR 362 Assertions

PortletFilter	Api Resource Filter	destroyResource1	FALSE	The destroy(): method is called when an ResourceFilter is taken out of service
PortletFilter	Api Resource Filter	destroyResource2	FALSE	After the destroy(): method for an ResourceFilter is called, no other filter method is called
ActionFilter	Api Action Filter	canBeConfigured1	TRUE	An ActionFilter can be configured in the portlet descriptor
ActionFilter	Api Action Filter	canBeConfigured2	TRUE	Multiple ActionFilter classes can be configured in the portlet descriptor
ActionFilter	Api Action Filter	doFilterIsCalled	TRUE	The doFilter(ActionRequest, ActionResponse, FilterChain): method is called before the processAction method for the portlet
ActionFilter	Api Action Filter	doFilterProcessAction1	TRUE	After the doFilter(ActionRequest, ActionResponse, FilterChain): method has successfully completed and invokes the next filter, the processActionMethod is called
ActionFilter	Api Action Filter	doFilterProcessAction2	TRUE	After the doFilter(ActionRequest, ActionResponse, FilterChain): method has successfully completed and invokes the next filter, the next filter in the chain is called if multiple filters are defined
ActionFilter	Api Action Filter	doFilterBlock	TRUE	If the doFilter(ActionRequest, ActionResponse, FilterChain): method does not invoke the next filter, processAction is not called
ActionFilter	Api Action Filter	doFilterException1	TRUE	If the doFilter(ActionRequest, ActionResponse, FilterChain): method throws an UnavailableException, processAction is not called
ActionFilter	Api Action Filter	doFilterException2	TRUE	If the doFilter(ActionRequest, ActionResponse, FilterChain): method throws an UnavailableException, no further filter is called
ActionFilter	Api Action Filter	doFilterExamine	TRUE	Method doFilter(ActionRequest, ActionResponse, FilterChain): After the next filter has been successfully invoked, the ActionResponse may be examined
EventFilter	Api Event Filter	canBeConfigured1	TRUE	An EventFilter can be configured in the portlet descriptor
EventFilter	Api Event Filter	canBeConfigured2	TRUE	Multiple EventFilter classes can be configured in the portlet descriptor
EventFilter	Api Event Filter	doFilterIsCalled	TRUE	The doFilter(EventRequest, EventResponse, FilterChain): method is called before the processEvent method for the portlet
EventFilter	Api Event Filter	doFilterProcessEvent1	TRUE	After the doFilter(EventRequest, EventResponse, FilterChain): method has successfully completed and invokes the next filter, the processEventMethod is called
EventFilter	Api Event Filter	doFilterProcessEvent2	TRUE	After the doFilter(EventRequest, EventResponse, FilterChain): method has successfully completed and invokes the next filter, the next filter in the chain is called if multiple filters are defined
EventFilter	Api Event Filter	doFilterBlock	TRUE	If the doFilter(EventRequest, EventResponse, FilterChain): method does not invoke the next filter, processEvent is not called
EventFilter	Api Event Filter	doFilterException1	TRUE	If the doFilter(EventRequest, EventResponse, FilterChain): method throws an UnavailableException, processEvent is not called
EventFilter	Api Event Filter	doFilterException2	TRUE	If the doFilter(EventRequest, EventResponse, FilterChain): method throws an UnavailableException, no further filter is called
EventFilter	Api Event Filter	doFilterExamine	TRUE	Method doFilter(EventRequest, EventResponse, FilterChain): After the next filter has been successfully invoked, the EventResponse may be examined
RenderFilter	Api Render Filter	canBeConfigured1	TRUE	An RenderFilter can be configured in the portlet descriptor

## JSR 362 Assertions

RenderFilter	Api Render Filter	canBeConfigured2	TRUE	Multiple RenderFilter classes can be configured in the portlet descriptor
RenderFilter	Api Render Filter	doFilterIsCalled	TRUE	The doFilter(RenderRequest, RenderResponse, FilterChain): method is called before the processRender method for the portlet
RenderFilter	Api Render Filter	doFilterProcessRender1	TRUE	After the doFilter(RenderRequest, RenderResponse, FilterChain): method has successfully completed and invokes the next filter, the processRenderMethod is called
RenderFilter	Api Render Filter	doFilterProcessRender2	TRUE	After the doFilter(RenderRequest, RenderResponse, FilterChain): method has successfully completed and invokes the next filter, the next filter in the chain is called if multiple filters are defined
RenderFilter	Api Render Filter	doFilterBlock	TRUE	If the doFilter(RenderRequest, RenderResponse, FilterChain): method does not invoke the next filter, processRender is not called
RenderFilter	Api Render Filter	doFilterException1	TRUE	If the doFilter(RenderRequest, RenderResponse, FilterChain): method throws an UnavailableException, processRender is not called
RenderFilter	Api Render Filter	doFilterException2	TRUE	If the doFilter(RenderRequest, RenderResponse, FilterChain): method throws an UnavailableException, no further filter is called
RenderFilter	Api Render Filter	doFilterExamine	TRUE	Method doFilter(RenderRequest, RenderResponse, FilterChain): After the next filter has been successfully invoked, the RenderResponse may be examined
ResourceFilter	Api Resource Filter	canBeConfigured1	TRUE	An ResourceFilter can be configured in the portlet descriptor
ResourceFilter	Api Resource Filter	canBeConfigured2	TRUE	Multiple ResourceFilter classes can be configured in the portlet descriptor
ResourceFilter	Api Resource Filter	doFilterIsCalled	TRUE	The doFilter(ResourceRequest, ResourceResponse, FilterChain): method is called before the processResource method for the portlet
ResourceFilter	Api Resource Filter	doFilterProcessResource1	TRUE	After the doFilter(ResourceRequest, ResourceResponse, FilterChain): method has successfully completed and invokes the next filter, the processResourceMethod is called
ResourceFilter	Api Resource Filter	doFilterProcessResource2	TRUE	After the doFilter(ResourceRequest, ResourceResponse, FilterChain): method has successfully completed and invokes the next filter, the next filter in the chain is called if multiple filters are defined
ResourceFilter	Api Resource Filter	doFilterBlock	TRUE	If the doFilter(ResourceRequest, ResourceResponse, FilterChain): method does not invoke the next filter, processResource is not called
ResourceFilter	Api Resource Filter	doFilterException1	TRUE	If the doFilter(ResourceRequest, ResourceResponse, FilterChain): method throws an UnavailableException, processResource is not called
ResourceFilter	Api Resource Filter	doFilterException2	TRUE	If the doFilter(ResourceRequest, ResourceResponse, FilterChain): method throws an UnavailableException, no further filter is called
ResourceFilter	Api Resource Filter	doFilterExamine	TRUE	Method doFilter(ResourceRequest, ResourceResponse, FilterChain): After the next filter has been successfully invoked, the ResourceResponse may be examined
Wrapper Tests				
ActionRequestWrapper	Api Action	getCharacterEncoding	TRUE	Method getCharacterEncoding(): Calls wrapped method

## JSR 362 Assertions

ActionRequestWrapper	Api Action	getContentLength	TRUE	Method getContentLength(): Calls wrapped method
ActionRequestWrapper	Api Action	getContentType	TRUE	Method getContentType(): Calls wrapped method
ActionRequestWrapper	Api Action	getPortletInputStream	TRUE	Method getPortletInputStream(): Calls wrapped method
ActionRequestWrapper	Api Action	getReader	TRUE	Method getReader(): Calls wrapped method
ActionRequestWrapper	Api Action	setCharacterEncoding	TRUE	Method setCharacterEncoding(String): Calls wrapped method
ActionRequestWrapper	Api Action	getRequest	TRUE	Method getRequest(): Returns wrapped ActionRequest object
ActionRequestWrapper	Api Action	setRequest	TRUE	Method setRequest(ActionRequest): Allows wrapped ActionRequest object to be set
ActionRequestWrapper	Api Action	getMethod	TRUE	Method getMethod(): Calls wrapped method
ActionResponseWrapper	Api Action	sendRedirectA	TRUE	Method sendRedirect(String): Calls wrapped method
ActionResponseWrapper	Api Action	sendRedirectB	TRUE	Method sendRedirect(String, String): Calls wrapped method
ActionResponseWrapper	Api Action	setEventA	TRUE	Method setEvent(javax.xml.namespace.QName, java.io.Serializable): Calls wrapped method
ActionResponseWrapper	Api Action	setEventB	TRUE	Method setEvent(String, java.io.Serializable): Calls wrapped method
ActionResponseWrapper	Api Action	setPortletMode	TRUE	Method setPortletMode(PortletMode): Calls wrapped method
ActionResponseWrapper	Api Action	setRenderParameterA	TRUE	Method setRenderParameter(String, String): Calls wrapped method
ActionResponseWrapper	Api Action	setRenderParameterB	TRUE	Method setRenderParameter(String, String[]): Calls wrapped method
ActionResponseWrapper	Api Action	setRenderParameters	TRUE	Method setRenderParameters(java.util.Map): Calls wrapped method
ActionResponseWrapper	Api Action	setWindowState	TRUE	Method setWindowState(WindowState): Calls wrapped method
ActionResponseWrapper	Api Action	getResponse	TRUE	Method getResponse(): Returns wrapped ActionResponse object
ActionResponseWrapper	Api Action	setResponse	TRUE	Method setResponse(ActionResponse): Allows wrapped ActionResponse object to be set
ActionResponseWrapper	Api Action	getPortletMode	TRUE	Method getPortletMode(): Calls wrapped method

## JSR 362 Assertions

ActionResponseWrapper	Api Action	getRenderParameterMap1	TRUE	Method getRenderParameterMap(): Calls wrapped method
ActionResponseWrapper	Api Action	getWindowState	TRUE	Method getWindowState(): Calls wrapped method
ActionResponseWrapper	Api Action	removePublicRenderParameter	TRUE	Method removePublicRenderParameter(String): Calls wrapped method
EventRequestWrapper	Api Event	getRequest	TRUE	Method getRequest(): Returns wrapped EventRequest object
EventRequestWrapper	Api Event	setRequest	TRUE	Method setRequest(EventRequest): Allows wrapped EventRequest object to be set
EventRequestWrapper	Api Event	getEvent1	TRUE	Method getEvent(): Calls wrapped method
EventRequestWrapper	Api Event	getMethod	TRUE	Method getMethod(): Calls wrapped method
EventResponseWrapper	Api Event	setEventA	TRUE	Method setEvent(javax.xml.namespace.QName, java.io.Serializable): Calls wrapped method
EventResponseWrapper	Api Event	setEventB	TRUE	Method setEvent(String, java.io.Serializable): Calls wrapped method
EventResponseWrapper	Api Event	setPortletMode	TRUE	Method setPortletMode(PortletMode): Calls wrapped method
EventResponseWrapper	Api Event	setRenderParameterA	TRUE	Method setRenderParameter(String, String): Calls wrapped method
EventResponseWrapper	Api Event	setRenderParameterB	TRUE	Method setRenderParameter(String, String[]): Calls wrapped method
EventResponseWrapper	Api Event	setRenderParametersA	TRUE	Method setRenderParameters(EventRequest): Calls wrapped method
EventResponseWrapper	Api Event	setRenderParametersB	TRUE	Method setRenderParameters(EventRequest): Calls wrapped method
EventResponseWrapper	Api Event	setWindowState	TRUE	Method setWindowState(WindowState): Calls wrapped method
EventResponseWrapper	Api Event	getResponse	TRUE	Method getResponse(): Returns wrapped EventResponse object
EventResponseWrapper	Api Event	setResponse	TRUE	Method setResponse(EventResponse): Allows wrapped EventResponse object to be set
EventResponseWrapper	Api Event	getPortletMode	TRUE	Method getPortletMode(): Calls wrapped method
EventResponseWrapper	Api Event	getRenderParameterMap1	TRUE	Method getRenderParameterMap(): Calls wrapped method
EventResponseWrapper	Api Event	getWindowState	TRUE	Method getWindowState(): Calls wrapped method
EventResponseWrapper	Api Event	removePublicRenderParameter	TRUE	Method removePublicRenderParameter(String): Calls wrapped method
PortletRequestWrapper	Api Render	getAttribute	TRUE	Method getAttribute(String): Calls wrapped method

## JSR 362 Assertions

PortletRequestWrapper	Api Render	getAttributeNames	TRUE	Method getAttributeNames(): Calls wrapped method
PortletRequestWrapper	Api Render	getAuthType	TRUE	Method getAuthType(): Calls wrapped method
PortletRequestWrapper	Api Render	getContextPath	TRUE	Method getContextPath(): Calls wrapped method
PortletRequestWrapper	Api Render	getCookies	TRUE	Method getCookies(): Calls wrapped method
PortletRequestWrapper	Api Render	getLocale	TRUE	Method getLocale(): Calls wrapped method
PortletRequestWrapper	Api Render	getLocales	TRUE	Method getLocales(): Calls wrapped method
PortletRequestWrapper	Api Render	getParameter	TRUE	Method getParameter(String): Calls wrapped method
PortletRequestWrapper	Api Render	getParameterMap	TRUE	Method getParameterMap(): Calls wrapped method
PortletRequestWrapper	Api Render	getParameterNames	TRUE	Method getParameterNames(): Calls wrapped method
PortletRequestWrapper	Api Render	getParameterValues	TRUE	Method getParameterValues(String): Calls wrapped method
PortletRequestWrapper	Api Render	getPortalContext	TRUE	Method getPortalContext(): Calls wrapped method
PortletRequestWrapper	Api Render	getPortletMode	TRUE	Method getPortletMode(): Calls wrapped method
PortletRequestWrapper	Api Render	getPortletSessionA	TRUE	Method getPortletSession(): Calls wrapped method
PortletRequestWrapper	Api Render	getPortletSessionB	TRUE	Method getPortletSession(boolean): Calls wrapped method
PortletRequestWrapper	Api Render	getPreferences	TRUE	Method getPreferences(): Calls wrapped method
PortletRequestWrapper	Api Render	getProperties	TRUE	Method getProperties(String): Calls wrapped method
PortletRequestWrapper	Api Render	getProperty	TRUE	Method getProperty(String): Calls wrapped method
PortletRequestWrapper	Api Render	getPropertyNames	TRUE	Method getPropertyNames(): Calls wrapped method
PortletRequestWrapper	Api Render	getRemoteUser	TRUE	Method getRemoteUser(): Calls wrapped method
PortletRequestWrapper	Api Render	getRequestedSessionId	TRUE	Method getRequestedSessionId(): Calls wrapped method

## JSR 362 Assertions

PortletRequestWrapper	Api Render	getResponseContentType	TRUE	Method getResponseContentType(): Calls wrapped method
PortletRequestWrapper	Api Render	getResponseContentTypes	TRUE	Method getResponseContentTypes(): Calls wrapped method
PortletRequestWrapper	Api Render	getScheme	TRUE	Method getScheme(): Calls wrapped method
PortletRequestWrapper	Api Render	getServerName	TRUE	Method getServerName(): Calls wrapped method
PortletRequestWrapper	Api Render	getServerPort	TRUE	Method getServerPort(): Calls wrapped method
PortletRequestWrapper	Api Render	getUserPrincipal	TRUE	Method getUserPrincipal(): Calls wrapped method
PortletRequestWrapper	Api Render	getWindowID	TRUE	Method getWindowID(): Calls wrapped method
PortletRequestWrapper	Api Render	getWindowState	TRUE	Method getWindowState(): Calls wrapped method
PortletRequestWrapper	Api Render	isPortletModeAllowed	TRUE	Method isPortletModeAllowed(PortletMode): Calls wrapped method
PortletRequestWrapper	Api Render	isRequestedSessionIdValid	TRUE	Method isRequestedSessionIdValid(): Calls wrapped method
PortletRequestWrapper	Api Render	isSecure	TRUE	Method isSecure(): Calls wrapped method
PortletRequestWrapper	Api Render	isUserInRole	TRUE	Method isUserInRole(String): Calls wrapped method
PortletRequestWrapper	Api Render	isWindowStateAllowed	TRUE	Method isWindowStateAllowed(WindowState): Calls wrapped method
PortletRequestWrapper	Api Render	removeAttribute	TRUE	Method removeAttribute(String): Calls wrapped method
PortletRequestWrapper	Api Render	setAttribute	TRUE	Method setAttribute(String, Object): Calls wrapped method
PortletRequestWrapper	Api Render	getRequest	TRUE	Method getRequest(): Returns wrapped PortletRequest object
PortletRequestWrapper	Api Render	setRequest	TRUE	Method setRequest(PortletRequest): Allows wrapped PortletRequest object to be set
PortletRequestWrapper	Api Render	getPrivateParameterMap	TRUE	Method getPrivateParameterMap(): Calls wrapped method
PortletRequestWrapper	Api Render	getPublicParameterMap	TRUE	Method getPublicParameterMap(): Calls wrapped method
PortletResponseWrapper	Api Render	addPropertyA	TRUE	Method addProperty(javax.servlet.http.Cookie): Calls wrapped method

## JSR 362 Assertions

PortletResponseWrapper	Api Render	addPropertyB	TRUE	Method addProperty(String, org.w3c.dom.Element): Calls wrapped method
PortletResponseWrapper	Api Render	addPropertyC	TRUE	Method addProperty(String, String): Calls wrapped method
PortletResponseWrapper	Api Render	encodeURL	TRUE	Method encodeURL(String): Calls wrapped method
PortletResponseWrapper	Api Render	getNamespace	TRUE	Method getNamespace(): Calls wrapped method
PortletResponseWrapper	Api Render	setProperty	TRUE	Method setProperty(String, String): Calls wrapped method
PortletResponseWrapper	Api Render	getResponse	TRUE	Method getResponse(): Returns wrapped PortletResponse object
PortletResponseWrapper	Api Render	setResponse	TRUE	Method setResponse(PortletResponse): Allows wrapped PortletResponse object to be set
PortletResponseWrapper	Api Render	createElement	TRUE	Method createElement(String): Calls wrapped method
RenderRequestWrapper	Api Render	getRequest	TRUE	Method getRequest(): Returns wrapped RenderRequest object
RenderRequestWrapper	Api Render	setRequest	TRUE	Method setRequest(RenderRequest): Allows wrapped RenderRequest object to be set
RenderRequestWrapper	Api Render	getETag	TRUE	Method getETag(): Calls wrapped method
RenderResponseWrapper	Api Render	flushBuffer	TRUE	Method flushBuffer(): Calls wrapped method
RenderResponseWrapper	Api Render	getBufferSize	TRUE	Method getBufferSize(): Calls wrapped method
RenderResponseWrapper	Api Render	getCharacterEncoding	TRUE	Method getCharacterEncoding(): Calls wrapped method
RenderResponseWrapper	Api Render	getContentType	TRUE	Method getContentType(): Calls wrapped method
RenderResponseWrapper	Api Render	getLocale	TRUE	Method getLocale(): Calls wrapped method
RenderResponseWrapper	Api Render	getPortletOutputStream	TRUE	Method getPortletOutputStream(): Calls wrapped method
RenderResponseWrapper	Api Render	getWriter	TRUE	Method getWriter(): Calls wrapped method
RenderResponseWrapper	Api Render	isCommitted	TRUE	Method isCommitted(): Calls wrapped method
RenderResponseWrapper	Api Render	reset	TRUE	Method reset(): Calls wrapped method

## JSR 362 Assertions

RenderResponseWrapper	Api Render	resetBuffer	TRUE	Method resetBuffer(): Calls wrapped method
RenderResponseWrapper	Api Render	setBufferSize	TRUE	Method setBufferSize(int): Calls wrapped method
RenderResponseWrapper	Api Render	setContentType	TRUE	Method setContentType(String): Calls wrapped method
RenderResponseWrapper	Api Render	setTitle	TRUE	Method setTitle(String): Calls wrapped method
RenderResponseWrapper	Api Render	getCacheControl	TRUE	Method getCacheControl(): Calls wrapped method
RenderResponseWrapper	Api Render	setNextPossiblePortletModes	TRUE	Method setNextPossiblePortletModes(java.util.Collection): Calls wrapped method
RenderResponseWrapper	Api Render	getResponse	TRUE	Method getResponse(): Returns wrapped RenderResponse object
RenderResponseWrapper	Api Render	setResponse	TRUE	Method setResponse(RenderResponse): Allows wrapped RenderResponse object to be set
RenderResponseWrapper	Api Render	createActionURL	TRUE	Method createActionURL(): Calls wrapped method
RenderResponseWrapper	Api Render	createRenderURL	TRUE	Method createRenderURL(): Calls wrapped method
RenderResponseWrapper	Api Render	createResourceURL	TRUE	Method createResourceURL(): Calls wrapped method
ResourceRequestWrapper	Api Resource	getPortletInputStream	TRUE	Method getPortletInputStream(): Calls wrapped method
ResourceRequestWrapper	Api Resource	getReader	TRUE	Method getReader(): Calls wrapped method
ResourceRequestWrapper	Api Resource	setCharacterEncoding	TRUE	Method setCharacterEncoding(String): Calls wrapped method
ResourceRequestWrapper	Api Resource	getRequest	TRUE	Method getRequest(): Returns wrapped ResourceRequest object
ResourceRequestWrapper	Api Resource	setRequest	TRUE	Method setRequest(ResourceRequest): Allows wrapped ResourceRequest object to be set
ResourceRequestWrapper	Api Resource	getCharacterEncoding	TRUE	Method getCharacterEncoding(): Calls wrapped method
ResourceRequestWrapper	Api Resource	getContentLength	TRUE	Method getContentLength(): Calls wrapped method
ResourceRequestWrapper	Api Resource	getContentType	TRUE	Method getContentType(): Calls wrapped method
ResourceRequestWrapper	Api Resource	getETag	TRUE	Method getETag(): Calls wrapped method

## JSR 362 Assertions

ResourceRequestWrapper	Api Resource	getMethod	TRUE	Method getMethod(): Calls wrapped method
ResourceRequestWrapper	Api Resource	getResourceID	TRUE	Method getResourceID(): Calls wrapped method
ResourceRequestWrapper	Api Resource	getPrivateRenderParameterMap	TRUE	Method getPrivateRenderParameterMap(): Calls wrapped method
ResourceRequestWrapper	Api Resource	getCacheability	TRUE	Method getCacheability(): Calls wrapped method
ResourceResponseWrapper	Api Resource	flushBuffer	TRUE	Method flushBuffer(): Calls wrapped method
ResourceResponseWrapper	Api Resource	getBufferSize	TRUE	Method getBufferSize(): Calls wrapped method
ResourceResponseWrapper	Api Resource	getCharacterEncoding	TRUE	Method getCharacterEncoding(): Calls wrapped method
ResourceResponseWrapper	Api Resource	getContentType	TRUE	Method getContentType(): Calls wrapped method
ResourceResponseWrapper	Api Resource	getLocale	TRUE	Method getLocale(): Calls wrapped method
ResourceResponseWrapper	Api Resource	getPortletOutputStream	TRUE	Method getPortletOutputStream(): Calls wrapped method
ResourceResponseWrapper	Api Resource	getWriter	TRUE	Method getWriter(): Calls wrapped method
ResourceResponseWrapper	Api Resource	isCommitted	TRUE	Method isCommitted(): Calls wrapped method
ResourceResponseWrapper	Api Resource	reset	TRUE	Method reset(): Calls wrapped method
ResourceResponseWrapper	Api Resource	resetBuffer	TRUE	Method resetBuffer(): Calls wrapped method
ResourceResponseWrapper	Api Resource	setBufferSize	TRUE	Method setBufferSize(int): Calls wrapped method
ResourceResponseWrapper	Api Resource	setContentType	TRUE	Method setContentType(String): Calls wrapped method
ResourceResponseWrapper	Api Resource	getCacheControl	TRUE	Method getCacheControl(): Calls wrapped method
ResourceResponseWrapper	Api Resource	setCharacterEncoding	TRUE	Method setCharacterEncoding(String): Calls wrapped method
ResourceResponseWrapper	Api Resource	setLocale	TRUE	Method setLocale(Locale): Calls wrapped method
ResourceResponseWrapper	Api Resource	setContentLength	TRUE	Method setContentLength(int): Calls wrapped method

## JSR 362 Assertions

ResourceResponseWrapper	Api Resource	getResponse	TRUE	Method getResponse(): Returns wrapped ResourceResponse object
ResourceResponseWrapper	Api Resource	setResponse	TRUE	Method setResponse(ResourceResponse): Allows wrapped ResourceResponse object to be set
ResourceResponseWrapper	Api Resource	createActionURL	TRUE	Method createActionURL(): Calls wrapped method
ResourceResponseWrapper	Api Resource	createRenderURL	TRUE	Method createRenderURL(): Calls wrapped method
ResourceResponseWrapper	Api Resource	createResourceURL	TRUE	Method createResourceURL(): Calls wrapped method
<b>Request Tests</b>				
PortletRequest	Api Render	fieldUSER_INFO	TRUE	Has String field USER_INFO with value of "javax.portlet.userinfo"
PortletRequest	Api Render	fieldCCPP_PROFILE	TRUE	Has String field CCPP_PROFILE with value of "javax.portlet.ccpp"
PortletRequest	Api Render	fieldBASIC_AUTH	TRUE	Has String field BASIC_AUTH with value of "BASIC"
PortletRequest	Api Render	fieldFORM_AUTH	TRUE	Has String field FORM_AUTH with value of "FORM"
PortletRequest	Api Render	fieldCLIENT_CERT_AUTH	TRUE	Has String field CLIENT_CERT_AUTH with value of "CLIENT_CERT"
PortletRequest	Api Render	fieldDIGEST_AUTH	TRUE	Has String field DIGEST_AUTH with value of "DIGEST"
PortletRequest	Api Render	fieldACTION_PHASE	TRUE	Has String field ACTION_PHASE with value of "ACTION_PHASE"
PortletRequest	Api Render	fieldEVENT_PHASE	TRUE	Has String field EVENT_PHASE with value of "EVENT_PHASE"
PortletRequest	Api Render	fieldRENDER_PHASE	TRUE	Has String field RENDER_PHASE with value of "RENDER_PHASE"
PortletRequest	Api Render	fieldRESOURCE_PHASE	TRUE	Has String field RESOURCE_PHASE with value of "RESOURCE_PHASE"
PortletRequest	Api Render	fieldLIFECYCLE_PHASE	TRUE	Has String field LIFECYCLE_PHASE with value of "javax.portlet.lifecycle_phase"
PortletRequest	Api Render	fieldRENDER_PART	TRUE	Has String field RENDER_PART with value of "javax.portlet.render_part"
PortletRequest	Api Render	fieldRENDER_HEADERS	TRUE	Has String field RENDER_HEADERS with value of "RENDER_HEADERS"
PortletRequest	Api Render	fieldRENDER_MARKUP	TRUE	Has String field RENDER_MARKUP with value of "RENDER_MARKUP"
PortletRequest	Api Render	fieldACTION_SCOPE_ID	TRUE	Has String field ACTION_SCOPE_ID with value of "javax.portlet.as"
PortletRequest	Api Render	isWindowStateAllowed1	TRUE	Method isWindowStateAllowed(WindowState): Returns true if the specified WindowState is allowed
PortletRequest	Api Render	isWindowStateAllowed2	TRUE	Method isWindowStateAllowed(WindowState): Returns false if the specified WindowState is not allowed
PortletRequest	Api Render	isPortletModeAllowed1	TRUE	Method isPortletModeAllowed(PortletMode): Returns true if the specified PortletMode is allowed
PortletRequest	Api Render	isPortletModeAllowed2	TRUE	Method isPortletModeAllowed(PortletMode): Returns false if the specified PortletMode is not allowed
PortletRequest	Api Render	getPortletMode	TRUE	Method getPortletMode(): Returns current PortletMode
PortletRequest	Api Render	getWindowState	TRUE	Method getWindowState(): Returns current WindowState
PortletRequest	Api Render	getPreferences	TRUE	Method getPreferences(): Returns the PortletPreferences object associated with the portlet

## JSR 362 Assertions

PortletRequest	Api Render	getPortletSessionA1	TRUE	Method getPortletSession(): Returns current PortletSession if one already exists
PortletRequest	Api Render	getPortletSessionA2	TRUE	Method getPortletSession(): Returns new PortletSession if one does not already exist
PortletRequest	Api Render	getPortletSessionB1	TRUE	Method getPortletSession(boolean): If input flag is true, returns current PortletSession if one already exists
PortletRequest	Api Render	getPortletSessionB2	TRUE	Method getPortletSession(boolean): If input flag is true, returns new PortletSession if one does not already exist
PortletRequest	Api Render	getPortletSessionB3	TRUE	Method getPortletSession(boolean): If input flag is false, returns current PortletSession if one already exists
PortletRequest	Api Render	getPortletSessionB4	TRUE	Method getPortletSession(boolean): If input flag is false, returns null if one does not already exist
PortletRequest	Api Render	getProperty1	TRUE	Method getProperty(String): If specified request property exists, returns its value
PortletRequest	Api Render	getProperty2	TRUE	Method getProperty(String): If specified request property does not exist, returns null
PortletRequest	Api Render	getProperty3	TRUE	Method getProperty(String): Throws IllegalArgumentException if the name is null
PortletRequest	Api Render	getProperties1	TRUE	Method getProperties(String): If specified request property exists, returns its values as an Enumeration
PortletRequest	Api Render	getProperties2	TRUE	Method getProperties(String): If specified request property does not exist, returns an empty Enumeration
PortletRequest	Api Render	getProperties3	TRUE	Method getProperties(String): Throws IllegalArgumentException if the name is null
PortletRequest	Api Render	getPropertyNames1	TRUE	Method getPropertyNames(): Returns an Enumeration of all request property names
PortletRequest	Api Render	getPropertyNames2	TRUE	Method getPropertyNames(): Returns an empty Enumeration if there are no request properties defined
PortletRequest	Api Render	getPortalContext	TRUE	Method getPortalContext(): Returns the context of the portal
PortletRequest	Api Render	getAuthType1	TRUE	Method getAuthType(): Returns a String indicating the authentication type if the request was authenticated
PortletRequest	Api Render	getAuthType2	TRUE	Method getAuthType(): Returns null if the request was not authenticated
PortletRequest	Api Render	getContextPath1	TRUE	Method getContextPath(): Returns a String representing the context path associated with the portlet
PortletRequest	Api Render	getContextPath2	TRUE	Method getContextPath(): Returns an empty String if the portlet is deployed in the default context
PortletRequest	Api Render	getContextPath3	TRUE	Method getContextPath(): If the context path is not empty, it must start with "/" and may not end with "/"
PortletRequest	Api Render	getRemoteUser1	TRUE	Method getRemoteUser(): Returns a String representing the login of the user if the request is authenticated

## JSR 362 Assertions

PortletRequest	Api Render	getRemoteUser2	TRUE	Method getRemoteUser(): Returns null if the request has not been authenticated
PortletRequest	Api Render	getUserPrincipal1	TRUE	Method getUserPrincipal(): Returns a java.security.Principal object representing the user if the request has been authenticated
PortletRequest	Api Render	getUserPrincipal2	TRUE	Method getUserPrincipal(): Returns null if the request has not been authenticated
PortletRequest	Api Render	isUserInRole1	TRUE	Method isUserInRole(): Returns true if the authenticated user is in the specified role
PortletRequest	Api Render	isUserInRole2	TRUE	Method isUserInRole(): Returns false if the authenticated user is not in the specified role
PortletRequest	Api Render	isUserInRole3	TRUE	Method isUserInRole(): Returns false if the user is not authenticated
PortletRequest	Api Render	getAttribute1	TRUE	Method getAttribute(String): Returns a java.lang.Object for the specified attribute name
PortletRequest	Api Render	getAttribute2	TRUE	Method getAttribute(String): Returns null if no attribute with the specified name exists
PortletRequest	Api Render	getAttribute3	TRUE	Method getAttribute(String): Throws IllegalArgumentException if the name is null
PortletRequest	Api Render	getAttributeNames1	TRUE	Method getAttributeNames(): Returns a java.util.Enumeration<java.lang.String> of the available attribute names
PortletRequest	Api Render	getAttributeNames2	TRUE	Method getAttributeNames(): Returns an empty Enumeration if there are no attributes available
PortletRequest	Api Render	getParameter1	TRUE	Method getParameter(String): Returns String value of parameter specified by the name
PortletRequest	Api Render	getParameter2	TRUE	Method getParameter(String): Returns String value of a public render parameter specified by the name
PortletRequest	Api Render	getParameter3	TRUE	Method getParameter(String): Returns null if no parameter exists for the specified name
PortletRequest	Api Render	getParameter4	TRUE	Method getParameter(String): Returns first String value from values array if use with a multivalued parameter
PortletRequest	Api Render	getParameter5	TRUE	Method getParameter(String): Throws IllegalArgumentException if the name is null
PortletRequest	Api Render	getParameterNames1	TRUE	Method getParameterNames(): Returns a java.util.Enumeration<java.lang.String> of the available parameter names
PortletRequest	Api Render	getParameterNames2	TRUE	Method getParameterNames(): Returns an empty Enumeration if there are no parameters available
PortletRequest	Api Render	getParameterValues1	TRUE	Method getParameterValues(String): Returns String[] value of parameter specified by the name
PortletRequest	Api Render	getParameterValues2	TRUE	Method getParameterValues(String): Returns String[] value of a public render parameter specified by the name
PortletRequest	Api Render	getParameterValues3	TRUE	Method getParameterValues(String): Returns null if no parameter exists for the specified name

## JSR 362 Assertions

PortletRequest	Api Render	getParameterValues4	TRUE	Method <code>getParameterValues(String)</code> : Throws <code>IllegalArgumentException</code> if the name is null
PortletRequest	Api Render	getParameterMap1	TRUE	Method <code>getParameterMap()</code> : Returns an <code>java.util.Map&lt;java.lang.String,java.lang.String[]&gt;</code> object for the parameter names and values if parameters are available
PortletRequest	Api Render	getParameterMap2	TRUE	Method <code>getParameterMap()</code> : The returned map contains all public and private parameters for the request
PortletRequest	Api Render	getParameterMap3	TRUE	Method <code>getParameterMap()</code> : Returns an empty map if no parameters exist
PortletRequest	Api Render	isSecure1	TRUE	Method <code>isSecure()</code> : Returns true if the request was made through a secure channel
PortletRequest	Api Render	isSecure2	TRUE	Method <code>isSecure()</code> : Returns false if the request was not made through a secure channel
PortletRequest	Api Render	setAttribute1	TRUE	Method <code>setAttribute(String, Object)</code> : Stores an attribute object under the specified name in the request
PortletRequest	Api Render	setAttribute2	TRUE	Method <code>setAttribute(String, Object)</code> : Removes the attribute by the specified name if the object is null
PortletRequest	Api Render	setAttribute3	TRUE	Method <code>setAttribute(String, Object)</code> : Throws <code>IllegalArgumentException</code> if the name is null
PortletRequest	Api Render	removeAttribute1	TRUE	Method <code>removeAttribute(String)</code> : Removes the attribute specified by the name from the request
PortletRequest	Api Render	removeAttribute2	TRUE	Method <code>removeAttribute(String)</code> : Throws <code>IllegalArgumentException</code> if the name is null
PortletRequest	Api Render	getRequestedSessionId1	TRUE	Method <code>getRequestedSessionId()</code> : Returns the session ID indicated in the client request
PortletRequest	Api Render	getRequestedSessionId2	TRUE	Method <code>getRequestedSessionId()</code> : Returns null if no session ID was indicated in the client request
PortletRequest	Api Render	isRequestedSessionIdValid1	TRUE	Method <code>isRequestedSessionIdValid()</code> : Returns true if the session ID is valid
PortletRequest	Api Render	isRequestedSessionIdValid2	TRUE	Method <code>isRequestedSessionIdValid()</code> : Returns false if the session ID is not valid
PortletRequest	Api Render	getResponseContentType1	TRUE	Method <code>getResponseContentType()</code> : Returns a String representing the portal preferred content type for the response if the content type is defined in the portlet descriptor
PortletRequest	Api Render	getResponseContentType2	TRUE	Method <code>getResponseContentType()</code> : Returns an empty Enumeration if the content type is not defined in the portlet descriptor
PortletRequest	Api Render	getResponseContentTypes1	TRUE	Method <code>getResponseContentTypes()</code> : Returns an <code>java.util.Enumeration&lt;java.lang.String&gt;</code> object representing the portal preferred content types for the response if the content types are defined in the portlet descriptor
PortletRequest	Api Render	getResponseContentTypes2	TRUE	Method <code>getResponseContentTypes()</code> : Returns an empty Enumeration if the content types are not defined in the portlet descriptor
PortletRequest	Api Render	getLocale	TRUE	Method <code>getLocale()</code> : Returns an <code>java.util.Locale</code> object representing the preferred Locale for the response

## JSR 362 Assertions

PortletRequest	Api Render	getLocales	TRUE	Method getLocales(): Returns an java.util.Enumeration<java.util.Locale> of the Locales in which the portal will accept content
PortletRequest	Api Render	getScheme	TRUE	Method getScheme(): Returns a String value representing the scheme name for the request
PortletRequest	Api Render	getServerName	TRUE	Method getServerName(): Returns a String value representing the host name for the request
PortletRequest	Api Render	getServerPort	TRUE	Method getServerPort(): Returns an int value representing the port number for the request
PortletRequest	Api Render	getWindowID	TRUE	Method getWindowID(): Returns a String value representing the portlet window ID
PortletRequest	Api Render	getCookies1	TRUE	Method getCookies(): Returns a javax.servlet.http.Cookie[] array containing the cookies for this request
PortletRequest	Api Render	getCookies2	TRUE	Method getCookies(): Returns null if no cookies are present
PortletRequest	Api Render	getPrivateParameterMap1	TRUE	Method getPrivateParameterMap(): Returns an java.util.Map<java.lang.String,java.lang.String[]> object for the private parameter names and values if available
PortletRequest	Api Render	getPrivateParameterMap2	TRUE	Method getPrivateParameterMap(): The returned map is immutable
PortletRequest	Api Render	getPrivateParameterMap3	TRUE	Method getPrivateParameterMap(): Returns an empty map if no private parameters exist
PortletRequest	Api Render	getPublicParameterMap1	TRUE	Method getPublicParameterMap(): Returns an java.util.Map<java.lang.String,java.lang.String[]> object for the public parameter names and values if available
PortletRequest	Api Render	getPublicParameterMap2	TRUE	Method getPublicParameterMap(): The returned map is immutable
PortletRequest	Api Render	getPublicParameterMap3	TRUE	Method getPublicParameterMap(): Returns an empty map if no public parameters exist
PortletRequest	Api Render	exists	TRUE	The P3UserInfos exists as a public static enum
PortletRequest	Api Action	fieldUSER_INFO	TRUE	Has String field USER_INFO with value of "javax.portlet.userinfo"
PortletRequest	Api Action	fieldCCPP_PROFILE	TRUE	Has String field CCPP_PROFILE with value of "javax.portlet.ccpp"
PortletRequest	Api Action	fieldBASIC_AUTH	TRUE	Has String field BASIC_AUTH with value of "BASIC"
PortletRequest	Api Action	fieldFORM_AUTH	TRUE	Has String field FORM_AUTH with value of "FORM"
PortletRequest	Api Action	fieldCLIENT_CERT_AUTH	TRUE	Has String field CLIENT_CERT_AUTH with value of "CLIENT_CERT"
PortletRequest	Api Action	fieldDIGEST_AUTH	TRUE	Has String field DIGEST_AUTH with value of "DIGEST"
PortletRequest	Api Action	fieldACTION_PHASE	TRUE	Has String field ACTION_PHASE with value of "ACTION_PHASE"
PortletRequest	Api Action	fieldEVENT_PHASE	TRUE	Has String field EVENT_PHASE with value of "EVENT_PHASE"
PortletRequest	Api Action	fieldRENDER_PHASE	TRUE	Has String field RENDER_PHASE with value of "RENDER_PHASE"
PortletRequest	Api Action	fieldRESOURCE_PHASE	TRUE	Has String field RESOURCE_PHASE with value of "RESOURCE_PHASE"
PortletRequest	Api Action	fieldLIFECYCLE_PHASE	TRUE	Has String field LIFECYCLE_PHASE with value of "javax.portlet.lifecycle_phase"
PortletRequest	Api Action	fieldRENDER_PART	TRUE	Has String field RENDER_PART with value of "javax.portlet.render_part"
PortletRequest	Api Action	fieldRENDER_HEADERS	TRUE	Has String field RENDER_HEADERS with value of "RENDER_HEADERS"

## JSR 362 Assertions

PortletRequest	Api Action	fieldRENDER_MARKUP	TRUE	Has String field RENDER_MARKUP with value of "RENDER_MARKUP"
PortletRequest	Api Action	fieldACTION_SCOPE_ID	TRUE	Has String field ACTION_SCOPE_ID with value of "javax.portlet.as"
PortletRequest	Api Action	isWindowStateAllowed1	TRUE	Method isWindowStateAllowed(WindowState): Returns true if the specified WindowState is allowed
PortletRequest	Api Action	isWindowStateAllowed2	TRUE	Method isWindowStateAllowed(WindowState): Returns false if the specified WindowState is not allowed
PortletRequest	Api Action	isPortletModeAllowed1	TRUE	Method isPortletModeAllowed(PortletMode): Returns true if the specified PortletMode is allowed
PortletRequest	Api Action	isPortletModeAllowed2	TRUE	Method isPortletModeAllowed(PortletMode): Returns false if the specified PortletMode is not allowed
PortletRequest	Api Action	getPortletMode	TRUE	Method getPortletMode(): Returns current PortletMode
PortletRequest	Api Action	getWindowState	TRUE	Method getWindowState(): Returns current WindowState
PortletRequest	Api Action	getPreferences	TRUE	Method getPreferences(): Returns the PortletPreferences object associated with the portlet
PortletRequest	Api Action	getPortletSessionA1	TRUE	Method getPortletSession(): Returns current PortletSession if one already exists
PortletRequest	Api Action	getPortletSessionA2	TRUE	Method getPortletSession(): Returns new PortletSession if one does not already exist
PortletRequest	Api Action	getPortletSessionB1	TRUE	Method getPortletSession(boolean): If input flag is true, returns current PortletSession if one already exists
PortletRequest	Api Action	getPortletSessionB2	TRUE	Method getPortletSession(boolean): If input flag is true, returns new PortletSession if one does not already exist
PortletRequest	Api Action	getPortletSessionB3	TRUE	Method getPortletSession(boolean): If input flag is false, returns current PortletSession if one already exists
PortletRequest	Api Action	getPortletSessionB4	TRUE	Method getPortletSession(boolean): If input flag is false, returns null if one does not already exist
PortletRequest	Api Action	getProperty1	TRUE	Method getProperty(String): If specified request property exists, returns its value
PortletRequest	Api Action	getProperty2	TRUE	Method getProperty(String): If specified request property does not exist, returns null
PortletRequest	Api Action	getProperty3	TRUE	Method getProperty(String): Throws IllegalArgumentException if the name is null
PortletRequest	Api Action	getProperties1	TRUE	Method getProperties(String): If specified request property exists, returns its values as an Enumeration
PortletRequest	Api Action	getProperties2	TRUE	Method getProperties(String): If specified request property does not exist, returns an empty Enumeration
PortletRequest	Api Action	getProperties3	TRUE	Method getProperties(String): Throws IllegalArgumentException if the name is null
PortletRequest	Api Action	getPropertyNames1	TRUE	Method getPropertyNames(): Returns an Enumeration of all request property names

## JSR 362 Assertions

PortletRequest	Api Action	getPropertyNames2	TRUE	Method getPropertyNames(): Returns an empty Enumeration if there are no request properties defined
PortletRequest	Api Action	getPortalContext	TRUE	Method getPortalContext(): Returns the context of the portal
PortletRequest	Api Action	getAuthType1	TRUE	Method getAuthType(): Returns a String indicating the authentication type if the request was authenticated
PortletRequest	Api Action	getAuthType2	TRUE	Method getAuthType(): Returns null if the request was not authenticated
PortletRequest	Api Action	getContextPath1	TRUE	Method getContextPath(): Returns a String representing the context path associated with the portlet
PortletRequest	Api Action	getContextPath2	TRUE	Method getContextPath(): Returns an empty String if the portlet is deployed in the default context
PortletRequest	Api Action	getContextPath3	TRUE	Method getContextPath(): If the context path is not empty, it must start with "/" and may not end with "/"
PortletRequest	Api Action	getRemoteUser1	TRUE	Method getRemoteUser(): Returns a String representing the login of the user if the request is authenticated
PortletRequest	Api Action	getRemoteUser2	TRUE	Method getRemoteUser(): Returns null if the request has not been authenticated
PortletRequest	Api Action	getUserPrincipal1	TRUE	Method getUserPrincipal(): Returns a java.security.Principal object representing the user if the request has been authenticated
PortletRequest	Api Action	getUserPrincipal2	TRUE	Method getUserPrincipal(): Returns null if the request has not been authenticated
PortletRequest	Api Action	isUserInRole1	TRUE	Method isUserInRole(): Returns true if the authenticated user is in the specified role
PortletRequest	Api Action	isUserInRole2	TRUE	Method isUserInRole(): Returns false if the authenticated user is not in the specified role
PortletRequest	Api Action	isUserInRole3	TRUE	Method isUserInRole(): Returns false if the user is not authenticated
PortletRequest	Api Action	getAttribute1	TRUE	Method getAttribute(String): Returns a java.lang.Object for the specified attribute name
PortletRequest	Api Action	getAttribute2	TRUE	Method getAttribute(String): Returns null if no attribute with the specified name exists
PortletRequest	Api Action	getAttribute3	TRUE	Method getAttribute(String): Throws IllegalArgumentException if the name is null
PortletRequest	Api Action	getAttributeNames1	TRUE	Method getAttributeNames(): Returns a java.util.Enumeration<java.lang.String> of the available attribute names
PortletRequest	Api Action	getAttributeNames2	TRUE	Method getAttributeNames(): Returns an empty Enumeration if there are no attributes available
PortletRequest	Api Action	getParameter1	TRUE	Method getParameter(String): Returns String value of parameter specified by the name
PortletRequest	Api Action	getParameter2	TRUE	Method getParameter(String): Returns String value of a public render parameter specified by the name
PortletRequest	Api Action	getParameter3	TRUE	Method getParameter(String): Returns null if no parameter exists for the specified name

## JSR 362 Assertions

PortletRequest	Api Action	getParameter4	TRUE	Method <code>getParameter(String)</code> : Returns first String value from values array if use with a multivalued parameter
PortletRequest	Api Action	getParameter5	TRUE	Method <code>getParameter(String)</code> : Throws <code>IllegalArgumentException</code> if the name is null
PortletRequest	Api Action	getParameterNames1	TRUE	Method <code>getParameterNames()</code> : Returns a <code>java.util.Enumeration&lt;java.lang.String&gt;</code> of the available parameter names
PortletRequest	Api Action	getParameterNames2	TRUE	Method <code>getParameterNames()</code> : Returns an empty Enumeration if there are no parameters available
PortletRequest	Api Action	getParameterValues1	TRUE	Method <code>getParameterValues(String)</code> : Returns <code>String[]</code> value of parameter specified by the name
PortletRequest	Api Action	getParameterValues2	TRUE	Method <code>getParameterValues(String)</code> : Returns <code>String[]</code> value of a public render parameter specified by the name
PortletRequest	Api Action	getParameterValues3	TRUE	Method <code>getParameterValues(String)</code> : Returns null if no parameter exists for the specified name
PortletRequest	Api Action	getParameterValues4	TRUE	Method <code>getParameterValues(String)</code> : Throws <code>IllegalArgumentException</code> if the name is null
PortletRequest	Api Action	getParameterMap1	TRUE	Method <code>getParameterMap()</code> : Returns an <code>java.util.Map&lt;java.lang.String,java.lang.String[]&gt;</code> object for the parameter names and values if parameters are available
PortletRequest	Api Action	getParameterMap2	TRUE	Method <code>getParameterMap()</code> : The returned map contains all public and private parameters for the request
PortletRequest	Api Action	getParameterMap3	TRUE	Method <code>getParameterMap()</code> : Returns an empty map if no parameters exist
PortletRequest	Api Action	isSecure1	TRUE	Method <code>isSecure()</code> : Returns true if the request was made through a secure channel
PortletRequest	Api Action	isSecure2	TRUE	Method <code>isSecure()</code> : Returns false if the request was not made through a secure channel
PortletRequest	Api Action	setAttribute1	TRUE	Method <code>setAttribute(String, Object)</code> : Stores an attribute object under the specified name in the request
PortletRequest	Api Action	setAttribute2	TRUE	Method <code>setAttribute(String, Object)</code> : Removes the attribute by the specified name if the object is null
PortletRequest	Api Action	setAttribute3	TRUE	Method <code>setAttribute(String, Object)</code> : Throws <code>IllegalArgumentException</code> if the name is null
PortletRequest	Api Action	removeAttribute1	TRUE	Method <code>removeAttribute(String)</code> : Removes the attribute specified by the name from the request
PortletRequest	Api Action	removeAttribute2	TRUE	Method <code>removeAttribute(String)</code> : Throws <code>IllegalArgumentException</code> if the name is null
PortletRequest	Api Action	getRequestedSessionId1	TRUE	Method <code>getRequestedSessionId()</code> : Returns the session ID indicated in the client request
PortletRequest	Api Action	getRequestedSessionId2	TRUE	Method <code>getRequestedSessionId()</code> : Returns null if no session ID was indicated in the client request
PortletRequest	Api Action	isRequestedSessionIdValid1	TRUE	Method <code>isRequestedSessionIdValid()</code> : Returns true if the session ID is valid

## JSR 362 Assertions

PortletRequest	Api Action	isRequestedSessionIdValid2	TRUE	Method isRequestedSessionIdValid(): Returns false if the session ID is not valid
PortletRequest	Api Action	getResponseContentType1	TRUE	Method getResponseContentType(): Returns a String representing the portal preferred content type for the response if the content type is defined in the portlet descriptor
PortletRequest	Api Action	getResponseContentType2	TRUE	Method getResponseContentType(): Returns an empty Enumeration if the content type is not defined in the portlet descriptor
PortletRequest	Api Action	getResponseContentTypes1	TRUE	Method getResponseContentTypes(): Returns an java.util.Enumeration<java.lang.String> object representing the portal preferred content types for the response if the content types are defined in the portlet descriptor
PortletRequest	Api Action	getResponseContentTypes2	TRUE	Method getResponseContentTypes(): Returns an empty Enumeration if the content types are not defined in the portlet descriptor
PortletRequest	Api Action	getLocale	TRUE	Method getLocale(): Returns an java.util.Locale object representing the preferred Locale for the response
PortletRequest	Api Action	getLocales	TRUE	Method getLocales(): Returns an java.util.Enumeration<java.util.Locale> of the Locales in which the portal will accept content
PortletRequest	Api Action	getScheme	TRUE	Method getScheme(): Returns a String value representing the scheme name for the request
PortletRequest	Api Action	getServerName	TRUE	Method getServerName(): Returns a String value representing the host name for the request
PortletRequest	Api Action	getServerPort	TRUE	Method getServerPort(): Returns an int value representing the port number for the request
PortletRequest	Api Action	getWindowID	TRUE	Method getWindowID(): Returns a String value representing the portlet window ID
PortletRequest	Api Action	getCookies1	TRUE	Method getCookies(): Returns a javax.servlet.http.Cookie[] array containing the cookies for this request
PortletRequest	Api Action	getCookies2	TRUE	Method getCookies(): Returns null if no cookies are present
PortletRequest	Api Action	getPrivateParameterMap1	TRUE	Method getPrivateParameterMap(): Returns an java.util.Map<java.lang.String,java.lang.String[]> object for the private parameter names and values if available
PortletRequest	Api Action	getPrivateParameterMap2	TRUE	Method getPrivateParameterMap(): The returned map is immutable
PortletRequest	Api Action	getPrivateParameterMap3	TRUE	Method getPrivateParameterMap(): Returns an empty map if no private parameters exist
PortletRequest	Api Action	getPublicParameterMap1	TRUE	Method getPublicParameterMap(): Returns an java.util.Map<java.lang.String,java.lang.String[]> object for the public parameter names and values if available
PortletRequest	Api Action	getPublicParameterMap2	TRUE	Method getPublicParameterMap(): The returned map is immutable
PortletRequest	Api Action	getPublicParameterMap3	TRUE	Method getPublicParameterMap(): Returns an empty map if no public parameters exist
PortletRequest	Api Action	exists	TRUE	Method exists(): The P3UserInfos exist as a public static enum

## JSR 362 Assertions

PortletRequest	Api Event	fieldUSER_INFO	TRUE	Has String field USER_INFO with value of "javax.portlet.userinfo"
PortletRequest	Api Event	fieldCCPP_PROFILE	TRUE	Has String field CCPP_PROFILE with value of "javax.portlet.ccpp"
PortletRequest	Api Event	fieldBASIC_AUTH	TRUE	Has String field BASIC_AUTH with value of "BASIC"
PortletRequest	Api Event	fieldFORM_AUTH	TRUE	Has String field FORM_AUTH with value of "FORM"
PortletRequest	Api Event	fieldCLIENT_CERT_AUTH	TRUE	Has String field CLIENT_CERT_AUTH with value of "CLIENT_CERT"
PortletRequest	Api Event	fieldDIGEST_AUTH	TRUE	Has String field DIGEST_AUTH with value of "DIGEST"
PortletRequest	Api Event	fieldACTION_PHASE	TRUE	Has String field ACTION_PHASE with value of "ACTION_PHASE"
PortletRequest	Api Event	fieldEVENT_PHASE	TRUE	Has String field EVENT_PHASE with value of "EVENT_PHASE"
PortletRequest	Api Event	fieldRENDER_PHASE	TRUE	Has String field RENDER_PHASE with value of "RENDER_PHASE"
PortletRequest	Api Event	fieldRESOURCE_PHASE	TRUE	Has String field RESOURCE_PHASE with value of "RESOURCE_PHASE"
PortletRequest	Api Event	fieldLIFECYCLE_PHASE	TRUE	Has String field LIFECYCLE_PHASE with value of "javax.portlet.lifecycle_phase"
PortletRequest	Api Event	fieldRENDER_PART	TRUE	Has String field RENDER_PART with value of "javax.portlet.render_part"
PortletRequest	Api Event	fieldRENDER_HEADERS	TRUE	Has String field RENDER_HEADERS with value of "RENDER_HEADERS"
PortletRequest	Api Event	fieldRENDER_MARKUP	TRUE	Has String field RENDER_MARKUP with value of "RENDER_MARKUP"
PortletRequest	Api Event	fieldACTION_SCOPE_ID	TRUE	Has String field ACTION_SCOPE_ID with value of "javax.portlet.as"
PortletRequest	Api Event	isWindowStateAllowed1	TRUE	Method isWindowStateAllowed(WindowState): Returns true if the specified WindowState is allowed
PortletRequest	Api Event	isWindowStateAllowed2	TRUE	Method isWindowStateAllowed(WindowState): Returns false if the specified WindowState is not allowed
PortletRequest	Api Event	isPortletModeAllowed1	TRUE	Method isPortletModeAllowed(PortletMode): Returns true if the specified PortletMode is allowed
PortletRequest	Api Event	isPortletModeAllowed2	TRUE	Method isPortletModeAllowed(PortletMode): Returns false if the specified PortletMode is not allowed
PortletRequest	Api Event	getPortletMode	TRUE	Method getPortletMode(): Returns current PortletMode
PortletRequest	Api Event	getWindowState	TRUE	Method getWindowState(): Returns current WindowState
PortletRequest	Api Event	getPreferences	TRUE	Method getPreferences(): Returns the PortletPreferences object associated with the portlet
PortletRequest	Api Event	getPortletSessionA1	TRUE	Method getPortletSession(): Returns current PortletSession if one already exists
PortletRequest	Api Event	getPortletSessionA2	TRUE	Method getPortletSession(): Returns new PortletSession if one does not already exist
PortletRequest	Api Event	getPortletSessionB1	TRUE	Method getPortletSession(boolean): If input flag is true, returns current PortletSession if one already exists
PortletRequest	Api Event	getPortletSessionB2	TRUE	Method getPortletSession(boolean): If input flag is true, returns new PortletSession if one does not already exist
PortletRequest	Api Event	getPortletSessionB3	TRUE	Method getPortletSession(boolean): If input flag is false, returns current PortletSession if one already exists
PortletRequest	Api Event	getPortletSessionB4	TRUE	Method getPortletSession(boolean): If input flag is false, returns null if one does not already exist

## JSR 362 Assertions

PortletRequest	Api Event	getProperty1	TRUE	Method getProperty(String): If specified request property exists, returns its value
PortletRequest	Api Event	getProperty2	TRUE	Method getProperty(String): If specified request property does not exist, returns null
PortletRequest	Api Event	getProperty3	TRUE	Method getProperty(String): Throws IllegalArgumentException if the name is null
PortletRequest	Api Event	getProperties1	TRUE	Method getProperties(String): If specified request property exists, returns its values as an Enumeration
PortletRequest	Api Event	getProperties2	TRUE	Method getProperties(String): If specified request property does not exist, returns an empty Enumeration
PortletRequest	Api Event	getProperties3	TRUE	Method getProperties(String): Throws IllegalArgumentException if the name is null
PortletRequest	Api Event	getPropertyNames1	TRUE	Method getPropertyNames(): Returns an Enumeration of all request property names
PortletRequest	Api Event	getPropertyNames2	TRUE	Method getPropertyNames(): Returns an empty Enumeration if there are no request properties defined
PortletRequest	Api Event	getPortalContext	TRUE	Method getPortalContext(): Returns the context of the portal
PortletRequest	Api Event	getAuthType1	TRUE	Method getAuthType(): Returns a String indicating the authentication type if the request was authenticated
PortletRequest	Api Event	getAuthType2	TRUE	Method getAuthType(): Returns null if the request was not authenticated
PortletRequest	Api Event	getContextPath1	TRUE	Method getContextPath(): Returns a String representing the context path associated with the portlet
PortletRequest	Api Event	getContextPath2	TRUE	Method getContextPath(): Returns an empty String if the portlet is deployed in the default context
PortletRequest	Api Event	getContextPath3	TRUE	Method getContextPath(): If the context path is not empty, it must start with "/" and may not end with "/"
PortletRequest	Api Event	getRemoteUser1	TRUE	Method getRemoteUser(): Returns a String representing the login of the user if the request is authenticated
PortletRequest	Api Event	getRemoteUser2	TRUE	Method getRemoteUser(): Returns null if the request has not been authenticated
PortletRequest	Api Event	getUserPrincipal1	TRUE	Method getUserPrincipal(): Returns a java.security.Principal object representing the user if the request has been authenticated
PortletRequest	Api Event	getUserPrincipal2	TRUE	Method getUserPrincipal(): Returns null if the request has not been authenticated
PortletRequest	Api Event	isUserInRole1	TRUE	Method isUserInRole(): Returns true if the authenticated user is in the specified role
PortletRequest	Api Event	isUserInRole2	TRUE	Method isUserInRole(): Returns false if the authenticated user is not in the specified role
PortletRequest	Api Event	isUserInRole3	TRUE	Method isUserInRole(): Returns false if the user is not authenticated
PortletRequest	Api Event	getAttribute1	TRUE	Method getAttribute(String): Returns a java.lang.Object for the specified attribute name

## JSR 362 Assertions

PortletRequest	Api Event	getAttribute2	TRUE	Method <code>getAttribute(String)</code> : Returns null if no attribute with the specified name exists
PortletRequest	Api Event	getAttribute3	TRUE	Method <code>getAttribute(String)</code> : Throws <code>IllegalArgumentException</code> if the name is null
PortletRequest	Api Event	getAttributeNames1	TRUE	Method <code>getAttributeNames()</code> : Returns a <code>java.util.Enumeration&lt;java.lang.String&gt;</code> of the available attribute names
PortletRequest	Api Event	getAttributeNames2	TRUE	Method <code>getAttributeNames()</code> : Returns an empty <code>Enumeration</code> if there are no attributes available
PortletRequest	Api Event	getParameter1	TRUE	Method <code>getParameter(String)</code> : Returns <code>String</code> value of parameter specified by the name
PortletRequest	Api Event	getParameter2	TRUE	Method <code>getParameter(String)</code> : Returns <code>String</code> value of a public render parameter specified by the name
PortletRequest	Api Event	getParameter3	TRUE	Method <code>getParameter(String)</code> : Returns null if no parameter exists for the specified name
PortletRequest	Api Event	getParameter4	TRUE	Method <code>getParameter(String)</code> : Returns first <code>String</code> value from values array if use with a multivalued parameter
PortletRequest	Api Event	getParameter5	TRUE	Method <code>getParameter(String)</code> : Throws <code>IllegalArgumentException</code> if the name is null
PortletRequest	Api Event	getParameterNames1	TRUE	Method <code>getParameterNames()</code> : Returns a <code>java.util.Enumeration&lt;java.lang.String&gt;</code> of the available parameter names
PortletRequest	Api Event	getParameterNames2	TRUE	Method <code>getParameterNames()</code> : Returns an empty <code>Enumeration</code> if there are no parameters available
PortletRequest	Api Event	getParameterValues1	TRUE	Method <code>getParameterValues(String)</code> : Returns <code>String[]</code> value of parameter specified by the name
PortletRequest	Api Event	getParameterValues2	TRUE	Method <code>getParameterValues(String)</code> : Returns <code>String[]</code> value of a public render parameter specified by the name
PortletRequest	Api Event	getParameterValues3	TRUE	Method <code>getParameterValues(String)</code> : Returns null if no parameter exists for the specified name
PortletRequest	Api Event	getParameterValues4	TRUE	Method <code>getParameterValues(String)</code> : Throws <code>IllegalArgumentException</code> if the name is null
PortletRequest	Api Event	getParameterMap1	TRUE	Method <code>getParameterMap()</code> : Returns an <code>java.util.Map&lt;java.lang.String,java.lang.String[]&gt;</code> object for the parameter names and values if parameters are available
PortletRequest	Api Event	getParameterMap2	TRUE	Method <code>getParameterMap()</code> : The returned map contains all public and private parameters for the request
PortletRequest	Api Event	getParameterMap3	TRUE	Method <code>getParameterMap()</code> : Returns an empty map if no parameters exist
PortletRequest	Api Event	isSecure1	TRUE	Method <code>isSecure()</code> : Returns true if the request was made through a secure channel
PortletRequest	Api Event	isSecure2	TRUE	Method <code>isSecure()</code> : Returns false if the request was not made through a secure channel

## JSR 362 Assertions

PortletRequest	Api Event	setAttribute1	TRUE	Method setAttribute(String, Object): Stores an attribute object under the specified name in the request
PortletRequest	Api Event	setAttribute2	TRUE	Method setAttribute(String, Object): Removes the attribute by the specified name if the object is null
PortletRequest	Api Event	setAttribute3	TRUE	Method setAttribute(String, Object): Throws IllegalArgumentException if the name is null
PortletRequest	Api Event	removeAttribute1	TRUE	Method removeAttribute(String): Removes the attribute specified by the name from the request
PortletRequest	Api Event	removeAttribute2	TRUE	Method removeAttribute(String): Throws IllegalArgumentException if the name is null
PortletRequest	Api Event	getRequestedSessionId1	TRUE	Method getRequestedSessionId(): Returns the session ID indicated in the client request
PortletRequest	Api Event	getRequestedSessionId2	TRUE	Method getRequestedSessionId(): Returns null if no session ID was indicated in the client request
PortletRequest	Api Event	isRequestedSessionIdValid1	TRUE	Method isRequestedSessionIdValid(): Returns true if the session ID is valid
PortletRequest	Api Event	isRequestedSessionIdValid2	TRUE	Method isRequestedSessionIdValid(): Returns false if the session ID is not valid
PortletRequest	Api Event	getResponseContentType1	TRUE	Method getResponseContentType(): Returns a String representing the portal preferred content type for the response if the content type is defined in the portlet descriptor
PortletRequest	Api Event	getResponseContentType2	TRUE	Method getResponseContentType(): Returns an empty Enumeration if the content type is not defined in the portlet descriptor
PortletRequest	Api Event	getResponseContentTypes1	TRUE	Method getResponseContentTypes(): Returns an java.util.Enumeration<java.lang.String> object representing the portal preferred content types for the response if the content types are defined in the portlet descriptor
PortletRequest	Api Event	getResponseContentTypes2	TRUE	Method getResponseContentTypes(): Returns an empty Enumeration if the content types are not defined in the portlet descriptor
PortletRequest	Api Event	getLocale	TRUE	Method getLocale(): Returns an java.util.Locale object representing the preferred Locale for the response
PortletRequest	Api Event	getLocales	TRUE	Method getLocales(): Returns an java.util.Enumeration<java.util.Locale> of the Locales in which the portal will accept content
PortletRequest	Api Event	getScheme	TRUE	Method getScheme(): Returns a String value representing the scheme name for the request
PortletRequest	Api Event	getServerName	TRUE	Method getServerName(): Returns a String value representing the host name for the request
PortletRequest	Api Event	getServerPort	TRUE	Method getServerPort(): Returns an int value representing the port number for the request
PortletRequest	Api Event	getWindowID	TRUE	Method getWindowID(): Returns a String value representing the portlet window ID
PortletRequest	Api Event	getCookies1	TRUE	Method getCookies(): Returns a javax.servlet.http.Cookie[] array containing the cookies for this request

## JSR 362 Assertions

PortletRequest	Api Event	getCookies2	TRUE	Method getCookies(): Returns null if no cookies are present
PortletRequest	Api Event	getPrivateParameterMap1	TRUE	Method getPrivateParameterMap(): Returns an java.util.Map<java.lang.String,java.lang.String[]> object for the private parameter names and values if available
PortletRequest	Api Event	getPrivateParameterMap2	TRUE	Method getPrivateParameterMap(): The returned map is immutable
PortletRequest	Api Event	getPrivateParameterMap3	TRUE	Method getPrivateParameterMap(): Returns an empty map if no private parameters exist
PortletRequest	Api Event	getPublicParameterMap1	TRUE	Method getPublicParameterMap(): Returns an java.util.Map<java.lang.String,java.lang.String[]> object for the public parameter names and values if available
PortletRequest	Api Event	getPublicParameterMap2	TRUE	Method getPublicParameterMap(): The returned map is immutable
PortletRequest	Api Event	getPublicParameterMap3	TRUE	Method getPublicParameterMap(): Returns an empty map if no public parameters exist
PortletRequest	Api Event	exists	TRUE	Method exists(): The P3UserInfos exist as a public static enum
PortletRequest	Api Resource	fieldUSER_INFO	TRUE	Has String field USER_INFO with value of "javax.portlet.userinfo"
PortletRequest	Api Resource	fieldCCPP_PROFILE	TRUE	Has String field CCPP_PROFILE with value of "javax.portlet.ccpp"
PortletRequest	Api Resource	fieldBASIC_AUTH	TRUE	Has String field BASIC_AUTH with value of "BASIC"
PortletRequest	Api Resource	fieldFORM_AUTH	TRUE	Has String field FORM_AUTH with value of "FORM"
PortletRequest	Api Resource	fieldCLIENT_CERT_AUTH	TRUE	Has String field CLIENT_CERT_AUTH with value of "CLIENT_CERT"
PortletRequest	Api Resource	fieldDIGEST_AUTH	TRUE	Has String field DIGEST_AUTH with value of "DIGEST"
PortletRequest	Api Resource	fieldACTION_PHASE	TRUE	Has String field ACTION_PHASE with value of "ACTION_PHASE"
PortletRequest	Api Resource	fieldEVENT_PHASE	TRUE	Has String field EVENT_PHASE with value of "EVENT_PHASE"
PortletRequest	Api Resource	fieldRENDER_PHASE	TRUE	Has String field RENDER_PHASE with value of "RENDER_PHASE"
PortletRequest	Api Resource	fieldRESOURCE_PHASE	TRUE	Has String field RESOURCE_PHASE with value of "RESOURCE_PHASE"
PortletRequest	Api Resource	fieldLIFECYCLE_PHASE	TRUE	Has String field LIFECYCLE_PHASE with value of "javax.portlet.lifecycle_phase"
PortletRequest	Api Resource	fieldRENDER_PART	TRUE	Has String field RENDER_PART with value of "javax.portlet.render_part"
PortletRequest	Api Resource	fieldRENDER_HEADERS	TRUE	Has String field RENDER_HEADERS with value of "RENDER_HEADERS"
PortletRequest	Api Resource	fieldRENDER_MARKUP	TRUE	Has String field RENDER_MARKUP with value of "RENDER_MARKUP"
PortletRequest	Api Resource	fieldACTION_SCOPE_ID	TRUE	Has String field ACTION_SCOPE_ID with value of "javax.portlet.as"
PortletRequest	Api Resource	isWindowStateAllowed1	TRUE	Method isWindowStateAllowed(WindowState): Returns true if the specified WindowState is allowed
PortletRequest	Api Resource	isWindowStateAllowed2	TRUE	Method isWindowStateAllowed(WindowState): Returns false if the specified WindowState is not allowed
PortletRequest	Api Resource	isPortletModeAllowed1	TRUE	Method isPortletModeAllowed(PortletMode): Returns true if the specified PortletMode is allowed
PortletRequest	Api Resource	isPortletModeAllowed2	TRUE	Method isPortletModeAllowed(PortletMode): Returns false if the specified PortletMode is not allowed
PortletRequest	Api Resource	getPortletMode	TRUE	Method getPortletMode(): Returns current PortletMode
PortletRequest	Api Resource	getWindowState	TRUE	Method getWindowState(): Returns current WindowState

## JSR 362 Assertions

PortletRequest	Api Resource	getPreferences	TRUE	Method getPreferences(): Returns the PortletPreferences object associated with the portlet
PortletRequest	Api Resource	getPortletSessionA1	TRUE	Method getPortletSession(): Returns current PortletSession if one already exists
PortletRequest	Api Resource	getPortletSessionA2	TRUE	Method getPortletSession(): Returns new PortletSession if one does not already exist
PortletRequest	Api Resource	getPortletSessionB1	TRUE	Method getPortletSession(boolean): If input flag is true, returns current PortletSession if one already exists
PortletRequest	Api Resource	getPortletSessionB2	TRUE	Method getPortletSession(boolean): If input flag is true, returns new PortletSession if one does not already exist
PortletRequest	Api Resource	getPortletSessionB3	TRUE	Method getPortletSession(boolean): If input flag is false, returns current PortletSession if one already exists
PortletRequest	Api Resource	getPortletSessionB4	TRUE	Method getPortletSession(boolean): If input flag is false, returns null if one does not already exist
PortletRequest	Api Resource	getProperty1	TRUE	Method getProperty(String): If specified request property exists, returns its value
PortletRequest	Api Resource	getProperty2	TRUE	Method getProperty(String): If specified request property does not exist, returns null
PortletRequest	Api Resource	getProperty3	TRUE	Method getProperty(String): Throws IllegalArgumentException if the name is null
PortletRequest	Api Resource	getProperties1	TRUE	Method getProperties(String): If specified request property exists, returns its values as an Enumeration
PortletRequest	Api Resource	getProperties2	TRUE	Method getProperties(String): If specified request property does not exist, returns an empty Enumeration
PortletRequest	Api Resource	getProperties3	TRUE	Method getProperties(String): Throws IllegalArgumentException if the name is null
PortletRequest	Api Resource	getPropertyNames1	TRUE	Method getPropertyNames(): Returns an Enumeration of all request property names
PortletRequest	Api Resource	getPropertyNames2	TRUE	Method getPropertyNames(): Returns an empty Enumeration if there are no request properties defined
PortletRequest	Api Resource	getPortalContext	TRUE	Method getPortalContext(): Returns the context of the portal
PortletRequest	Api Resource	getAuthType1	TRUE	Method getAuthType(): Returns a String indicating the authentication type if the request was authenticated
PortletRequest	Api Resource	getAuthType2	TRUE	Method getAuthType(): Returns null if the request was not authenticated
PortletRequest	Api Resource	getContextPath1	TRUE	Method getContextPath(): Returns a String representing the context path associated with the portlet
PortletRequest	Api Resource	getContextPath2	TRUE	Method getContextPath(): Returns an empty String if the portlet is deployed in the default context
PortletRequest	Api Resource	getContextPath3	TRUE	Method getContextPath(): If the context path is not empty, it must start with "/" and may not end with "/"

## JSR 362 Assertions

PortletRequest	Api Resource	getRemoteUser1	TRUE	Method getRemoteUser(): Returns a String representing the login of the user if the request is authenticated
PortletRequest	Api Resource	getRemoteUser2	TRUE	Method getRemoteUser(): Returns null if the request has not been authenticated
PortletRequest	Api Resource	getUserPrincipal1	TRUE	Method getUserPrincipal(): Returns a java.security.Principal object representing the user if the request has been authenticated
PortletRequest	Api Resource	getUserPrincipal2	TRUE	Method getUserPrincipal(): Returns null if the request has not been authenticated
PortletRequest	Api Resource	isUserInRole1	TRUE	Method isUserInRole(): Returns true if the authenticated user is in the specified role
PortletRequest	Api Resource	isUserInRole2	TRUE	Method isUserInRole(): Returns false if the authenticated user is not in the specified role
PortletRequest	Api Resource	isUserInRole3	TRUE	Method isUserInRole(): Returns false if the user is not authenticated
PortletRequest	Api Resource	getAttribute1	TRUE	Method getAttribute(String): Returns a java.lang.Object for the specified attribute name
PortletRequest	Api Resource	getAttribute2	TRUE	Method getAttribute(String): Returns null if no attribute with the specified name exists
PortletRequest	Api Resource	getAttribute3	TRUE	Method getAttribute(String): Throws IllegalArgumentException if the name is null
PortletRequest	Api Resource	getAttributeNames1	TRUE	Method getAttributeNames(): Returns a java.util.Enumeration<java.lang.String> of the available attribute names
PortletRequest	Api Resource	getAttributeNames2	TRUE	Method getAttributeNames(): Returns an empty Enumeration if there are no attributes available
PortletRequest	Api Resource	getParameter1	TRUE	Method getParameter(String): Returns String value of parameter specified by the name
PortletRequest	Api Resource	getParameter2	TRUE	Method getParameter(String): Returns String value of a public render parameter specified by the name
PortletRequest	Api Resource	getParameter3	TRUE	Method getParameter(String): Returns null if no parameter exists for the specified name
PortletRequest	Api Resource	getParameter4	TRUE	Method getParameter(String): Returns first String value from values array if use with a multivalued parameter
PortletRequest	Api Resource	getParameter5	TRUE	Method getParameter(String): Throws IllegalArgumentException if the name is null
PortletRequest	Api Resource	getParameterNames1	TRUE	Method getParameterNames(): Returns a java.util.Enumeration<java.lang.String> of the available parameter names
PortletRequest	Api Resource	getParameterNames2	TRUE	Method getParameterNames(): Returns an empty Enumeration if there are no parameters available
PortletRequest	Api Resource	getParameterValues1	TRUE	Method getParameterValues(String): Returns String[] value of parameter specified by the name
PortletRequest	Api Resource	getParameterValues2	TRUE	Method getParameterValues(String): Returns String[] value of a public render parameter specified by the name

## JSR 362 Assertions

PortletRequest	Api Resource	getParameterValues3	TRUE	Method getParameterValues(String): Returns null if no parameter exists for the specified name
PortletRequest	Api Resource	getParameterValues4	TRUE	Method getParameterValues(String): Throws IllegalArgumentException if the name is null
PortletRequest	Api Resource	getParameterMap1	TRUE	Method getParameterMap(): Returns an java.util.Map<java.lang.String,java.lang.String[]> object for the parameter names and values if parameters are available
PortletRequest	Api Resource	getParameterMap2	TRUE	Method getParameterMap(): The returned map contains all public and private parameters for the request
PortletRequest	Api Resource	getParameterMap3	TRUE	Method getParameterMap(): Returns an empty map if no parameters exist
PortletRequest	Api Resource	isSecure1	TRUE	Method isSecure(): Returns true if the request was made through a secure channel
PortletRequest	Api Resource	isSecure2	TRUE	Method isSecure(): Returns false if the request was not made through a secure channel
PortletRequest	Api Resource	setAttribute1	TRUE	Method setAttribute(String, Object): Stores an attribute object under the specified name in the request
PortletRequest	Api Resource	setAttribute2	TRUE	Method setAttribute(String, Object): Removes the attribute by the specified name if the object is null
PortletRequest	Api Resource	setAttribute3	TRUE	Method setAttribute(String, Object): Throws IllegalArgumentException if the name is null
PortletRequest	Api Resource	removeAttribute1	TRUE	Method removeAttribute(String): Removes the attribute specified by the name from the request
PortletRequest	Api Resource	removeAttribute2	TRUE	Method removeAttribute(String): Throws IllegalArgumentException if the name is null
PortletRequest	Api Resource	getRequestedSessionId1	TRUE	Method getRequestedSessionId(): Returns the session ID indicated in the client request
PortletRequest	Api Resource	getRequestedSessionId2	TRUE	Method getRequestedSessionId(): Returns null if no session ID was indicated in the client request
PortletRequest	Api Resource	isRequestedSessionIdValid1	TRUE	Method isRequestedSessionIdValid(): Returns true if the session ID is valid
PortletRequest	Api Resource	isRequestedSessionIdValid2	TRUE	Method isRequestedSessionIdValid(): Returns false if the session ID is not valid
PortletRequest	Api Resource	getResponseContentType1	TRUE	Method getResponseContentType(): Returns a String representing the portal preferred content type for the response if the content type is defined in the portlet descriptor
PortletRequest	Api Resource	getResponseContentType2	TRUE	Method getResponseContentType(): Returns an empty Enumeration if the content type is not defined in the portlet descriptor
PortletRequest	Api Resource	getResponseContentTypes1	TRUE	Method getResponseContentTypes(): Returns an java.util.Enumeration<java.lang.String> object representing the portal preferred content types for the response if the content types are defined in the portlet descriptor
PortletRequest	Api Resource	getResponseContentTypes2	TRUE	Method getResponseContentTypes(): Returns an empty Enumeration if the content types are not defined in the portlet descriptor

## JSR 362 Assertions

PortletRequest	Api Resource	getLocale	TRUE	Method getLocale(): Returns an java.util.Locale object representing the preferred Locale for the response
PortletRequest	Api Resource	getLocales	TRUE	Method getLocales(): Returns an java.util.Enumeration<java.util.Locale> of the Locales in which the portal will accept content
PortletRequest	Api Resource	getScheme	TRUE	Method getScheme(): Returns a String value representing the scheme name for the request
PortletRequest	Api Resource	getServerName	TRUE	Method getServerName(): Returns a String value representing the host name for the request
PortletRequest	Api Resource	getServerPort	TRUE	Method getServerPort(): Returns an int value representing the port number for the request
PortletRequest	Api Resource	getWindowID	TRUE	Method getWindowID(): Returns a String value representing the portlet window ID
PortletRequest	Api Resource	getCookies1	TRUE	Method getCookies(): Returns a javax.servlet.http.Cookie[] array containing the cookies for this request
PortletRequest	Api Resource	getCookies2	TRUE	Method getCookies(): Returns null if no cookies are present
PortletRequest	Api Resource	getPrivateParameterMap1	TRUE	Method getPrivateParameterMap(): Returns an java.util.Map<java.lang.String,java.lang.String[]> object for the private parameter names and values if available
PortletRequest	Api Resource	getPrivateParameterMap2	TRUE	Method getPrivateParameterMap(): The returned map is immutable
PortletRequest	Api Resource	getPrivateParameterMap3	TRUE	Method getPrivateParameterMap(): Returns an empty map if no private parameters exist
PortletRequest	Api Resource	getPublicParameterMap1	TRUE	Method getPublicParameterMap(): Returns an java.util.Map<java.lang.String,java.lang.String[]> object for the public parameter names and values if available
PortletRequest	Api Resource	getPublicParameterMap2	TRUE	Method getPublicParameterMap(): The returned map is immutable
PortletRequest	Api Resource	getPublicParameterMap3	TRUE	Method getPublicParameterMap(): Returns an empty map if no public parameters exist
PortletRequest	Api Resource	exists	TRUE	Method exists(): The P3UserInfos exist as a public static enum
ClientDataRequest	Api Action	getPortletInputStream1	TRUE	Method getPortletInputStream(): Returns an InputStream object
ClientDataRequest	Api Action	getPortletInputStream2	TRUE	Method getPortletInputStream(): Throws IllegalStateException if getReader was already called
ClientDataRequest	Api Action	getPortletInputStream3	TRUE	Method getPortletInputStream(): Throws IllegalStateException if the request has HTTP POST data of type application/x-www-form-urlencoded
ClientDataRequest	Api Action	getPortletInputStream4	FALSE	Method getPortletInputStream(): Throws IOException if an I/O error occurs
ClientDataRequest	Api Action	setCharacterEncoding1	TRUE	Method setCharacterEncoding(String): Allows the character encoding for the body of the request to be overridden
ClientDataRequest	Api Action	setCharacterEncoding2	TRUE	Method setCharacterEncoding(String): Throws IllegalStateException if method is called after reading request parameters
ClientDataRequest	Api Action	setCharacterEncoding3	TRUE	Method setCharacterEncoding(String): Throws IllegalStateException if method is called after using the getReader(): method

## JSR 362 Assertions

ClientDataRequest	Api Action	setCharacterEncoding4	TRUE	Method setCharacterEncoding(String): Throws UnsupportedEncodingException if the specified encoding is not valid
ClientDataRequest	Api Action	getReader1	TRUE	Method getReader(): Returns a BufferedReader object for reading the request
ClientDataRequest	Api Action	getReader2	TRUE	Method getReader(): Throws IllegalStateException if getPortletInputStream was already called
ClientDataRequest	Api Action	getReader3	TRUE	Method getReader(): Throws IllegalStateException if the request has HTTP POST data of type application/x-www-form-urlencoded
ClientDataRequest	Api Action	getReader4	FALSE	Method getReader(): Throws IOException if an I/O error occurs
ClientDataRequest	Api Action	getReader5	TRUE	Method getReader(): Throws UnsupportedEncodingException if the character set encoding is not valid so that the text cannot be decoded
ClientDataRequest	Api Action	getCharacterEncoding1	TRUE	Method getCharacterEncoding(): Returns a String containing the name of the character encoding used in the request body
ClientDataRequest	Api Action	getCharacterEncoding2	TRUE	Method getCharacterEncoding(): Returns null if the request does not specify a character encoding
ClientDataRequest	Api Action	getContentType1	TRUE	Method getContentType(): Returns a String containing the MIME type of the request body
ClientDataRequest	Api Action	getContentType2	TRUE	Method getContentType(): Returns null if the MIME type is unknown
ClientDataRequest	Api Action	getContentLength1	TRUE	Method getContentLength(): Returns the length in bytes of the request body
ClientDataRequest	Api Action	getContentLength2	TRUE	Method getContentLength(): Returns -1 if the length is unknown
ClientDataRequest	Api Action	getMethod	TRUE	Method getMethod(): Returns a String containing the name of the HTTP method with which the request was made
ClientDataRequest	Api Resource	getPortletInputStream1	TRUE	Method getPortletInputStream(): Returns an InputStream object
ClientDataRequest	Api Resource	getPortletInputStream2	TRUE	Method getPortletInputStream(): Throws IllegalStateException if getReader was already called
ClientDataRequest	Api Resource	getPortletInputStream3	TRUE	Method getPortletInputStream(): Throws IllegalStateException if the request has HTTP POST data of type application/x-www-form-urlencoded
ClientDataRequest	Api Resource	getPortletInputStream4	FALSE	Method getPortletInputStream(): Throws IOException if an I/O error occurs
ClientDataRequest	Api Resource	setCharacterEncoding1	TRUE	Method setCharacterEncoding(String): Allows the character encoding for the body of the request to be overridden
ClientDataRequest	Api Resource	setCharacterEncoding2	TRUE	Method setCharacterEncoding(String): Throws IllegalStateException if method is called after reading request parameters
ClientDataRequest	Api Resource	setCharacterEncoding3	TRUE	Method setCharacterEncoding(String): Throws IllegalStateException if method is called after using the getReader(): method
ClientDataRequest	Api Resource	setCharacterEncoding4	TRUE	Method setCharacterEncoding(String): Throws UnsupportedEncodingException if the specified encoding is not valid
ClientDataRequest	Api Resource	getReader1	TRUE	Method getReader(): Returns a BufferedReader object for reading the request
ClientDataRequest	Api Resource	getReader2	TRUE	Method getReader(): Throws IllegalStateException if getPortletInputStream was already called
ClientDataRequest	Api Resource	getReader3	TRUE	Method getReader(): Throws IllegalStateException if the request has HTTP POST data of type application/x-www-form-urlencoded
ClientDataRequest	Api Resource	getReader4	FALSE	Method getReader(): Throws IOException if an I/O error occurs

## JSR 362 Assertions

ClientDataRequest	Api Resource	getReader5	TRUE	Method getReader(): Throws UnsupportedOperationException if the character set encoding is not valid so that the text cannot be decoded
ClientDataRequest	Api Resource	getCharacterEncoding1	TRUE	Method getCharacterEncoding(): Returns a String containing the name of the character encoding used in the request body
ClientDataRequest	Api Resource	getCharacterEncoding2	TRUE	Method getCharacterEncoding(): Returns null if the request does not specify a character encoding
ClientDataRequest	Api Resource	getContentType1	TRUE	Method getContentType(): Returns a String containing the MIME type of the request body
ClientDataRequest	Api Resource	getContentType2	TRUE	Method getContentType(): Returns null if the MIME type is unknown
ClientDataRequest	Api Resource	getContentLength1	TRUE	Method getContentLength(): Returns the length in bytes of the request body
ClientDataRequest	Api Resource	getContentLength2	TRUE	Method getContentLength(): Returns -1 if the length is unknown
ClientDataRequest	Api Resource	getMethod	TRUE	Method getMethod(): Returns a String containing the name of the HTTP method with which the request was made
ActionRequest	Api Action	fieldACTION_NAME	TRUE	Has String field ACTION_NAME with value of "javax.portlet.action"
ResourceRequest	Api Resource	fieldETAG	TRUE	Has String field ETAG with value of "portlet.ETag"
ResourceRequest	Api Resource	getETag2	TRUE	Method getETag(): Returns null if there is no cached response
ResourceRequest	Api Resource	getResourceID1	TRUE	Method getResourceID(): Returns a String containing the resource ID set on the resource URL
ResourceRequest	Api Resource	getResourceID2	TRUE	Method getResourceID(): Returns null if no resource ID was set on the URL
ResourceRequest	Api Resource	getPrivateRenderParameterMap1	TRUE	Method getPrivateRenderParameterMap(): Returns a java.util.Map<java.lang.String,java.lang.String[]> object containing the private render parameters for the request
ResourceRequest	Api Resource	getPrivateRenderParameterMap2	TRUE	Method getPrivateRenderParameterMap(): The returned map does not contain the resource parameters set on the URL
ResourceRequest	Api Resource	getPrivateRenderParameterMap3	TRUE	Method getPrivateRenderParameterMap(): The returned map is immutable
ResourceRequest	Api Resource	getPrivateRenderParameterMap4	TRUE	Method getPrivateRenderParameterMap(): Returns an empty map if there are no private render parameters
ResourceRequest	Api Resource	getResponseContentType	TRUE	Method getResponseContentType(): Returns a String containing the preferred content type for the response
ResourceRequest	Api Resource	getResponseContentTypes	TRUE	Method getResponseContentTypes(): Returns an java.util.Enumeration<java.lang.String> object containing the content types that will be accepted for the response
ResourceRequest	Api Resource	getCacheability	TRUE	Method getCacheability(): Returns a String containing the cache level of the resource request
EventRequest	Api Event	getEvent	TRUE	Method getEvent(): Returns the Event object that triggered the call to the processEvent method
EventRequest	Api Event	getMethod	TRUE	Method getMethod(): Returns a String containing the name of the HTTP method with which the request was made
RenderRequest	Api Render	fieldETAG	TRUE	Has String field ETAG with value of "portlet.ETag"
RenderRequest	Api Render	getETag2	TRUE	Method getETag(): Returns null if there is no cached response

## JSR 362 Assertions

<b>Response Tests</b>				
PortletResponse	Api Render	addPropertyA1	TRUE	Method addProperty(javax.servlet.http.Cookie): Adds the specified cookie property to the response
PortletResponse	Api Render	addPropertyA2	TRUE	Method addProperty(javax.servlet.http.Cookie): Throws IllegalArgumentException if the specified cookie is null
PortletResponse	Api Render	addPropertyB1	TRUE	Method addProperty(String, org.w3c.dom.Element): Adds an XML DOM Element to the response for the specified key
PortletResponse	Api Render	addPropertyB2	TRUE	Method addProperty(String, org.w3c.dom.Element): If a DOM Element for the specified key already exists, the new element is added in addition to the existing element
PortletResponse	Api Render	addPropertyB3	TRUE	Method addProperty(String, org.w3c.dom.Element): If the specified DOM Element value is null, the key is removed from the response
PortletResponse	Api Render	addPropertyB4	TRUE	Method addProperty(String, org.w3c.dom.Element): Throws IllegalArgumentException if the specified key is null
PortletResponse	Api Render	addPropertyC1	TRUE	Method addProperty(String, String): Adds a property value to an existing key to allow the key to have multiple values
PortletResponse	Api Render	addPropertyC2	TRUE	Method addProperty(String, String): Throws IllegalArgumentException if the specified key is null
PortletResponse	Api Render	setProperty1	TRUE	Method setProperty(String, String): Sets a property value for the specified key
PortletResponse	Api Render	setProperty2	TRUE	Method setProperty(String, String): Resets any existing property values for the specified key
PortletResponse	Api Render	setProperty3	TRUE	Method setProperty(String, String): Throws IllegalArgumentException if the specified key is null
PortletResponse	Api Render	encodeURL1	TRUE	Method encodeURL(String): Returns a String representing the encoded URL
PortletResponse	Api Render	encodeURL2	TRUE	Method encodeURL(String): Throws IllegalArgumentException if the input string is not an absolute URL and does not start with at "/" character
PortletResponse	Api Render	getNamespace1	TRUE	Method getNamespace(): Returns a String containing the namespace value
PortletResponse	Api Render	getNamespace2	FALSE	Method getNamespace(): The returned namespace is constant for the lifetime of the portlet window
PortletResponse	Api Render	createElement1	TRUE	Method createElement(String): Returns an org.w3c.dom.Element object for the specified tag name
PortletResponse	Api Render	createElement2	TRUE	Method createElement(String): The returned Element has nodeName set to the the specified tag name
PortletResponse	Api Render	createElement3	TRUE	Method createElement(String): The returned Element has localName set to null
PortletResponse	Api Render	createElement4	TRUE	Method createElement(String): The returned Element has prefix set to null
PortletResponse	Api Render	createElement5	TRUE	Method createElement(String): The returned Element has namespaceURI set to null
PortletResponse	Api Render	createElement6	TRUE	Method createElement(String): Throws org.w3c.dom.DOMException - INVALID_CHARACTER_ERR if the specified name contains an illegal character.

## JSR 362 Assertions

PortletResponse	Api Resource	addPropertyA1	TRUE	Method addProperty(javax.servlet.http.Cookie): Adds the specified cookie property to the response
PortletResponse	Api Resource	addPropertyA2	TRUE	Method addProperty(javax.servlet.http.Cookie): Throws IllegalArgumentException if the specified cookie is null
PortletResponse	Api Resource	addPropertyB1	TRUE	Method addProperty(String, org.w3c.dom.Element): Adds an XML DOM Element to the response for the specified key
PortletResponse	Api Resource	addPropertyB2	TRUE	Method addProperty(String, org.w3c.dom.Element): If a DOM Element for the specified key already exists, the new element is added in addition to the existing element
PortletResponse	Api Resource	addPropertyB3	TRUE	Method addProperty(String, org.w3c.dom.Element): If the specified DOM Element value is null, the key is removed from the response
PortletResponse	Api Resource	addPropertyB4	TRUE	Method addProperty(String, org.w3c.dom.Element): Throws IllegalArgumentException if the specified key is null
PortletResponse	Api Resource	addPropertyC1	TRUE	Method addProperty(String, String): Adds a property value to an existing key to allow the key to have multiple values
PortletResponse	Api Resource	addPropertyC2	TRUE	Method addProperty(String, String): Throws IllegalArgumentException if the specified key is null
PortletResponse	Api Resource	setProperty1	TRUE	Method setProperty(String, String): Sets a property value for the specified key
PortletResponse	Api Resource	setProperty2	TRUE	Method setProperty(String, String): Resets any existing property values for the specified key
PortletResponse	Api Resource	setProperty3	TRUE	Method setProperty(String, String): Throws IllegalArgumentException if the specified key is null
PortletResponse	Api Resource	encodeURL1	TRUE	Method encodeURL(String): Returns a String representing the encoded URL
PortletResponse	Api Resource	encodeURL2	TRUE	Method encodeURL(String): Throws IllegalArgumentException if the input string is not an absolute URL and does not start with "/" character
PortletResponse	Api Resource	getNamespace1	TRUE	Method getNamespace(): Returns a String containing the namespace value
PortletResponse	Api Resource	getNamespace2	FALSE	Method getNamespace(): The returned namespace is constant for the lifetime of the portlet window
PortletResponse	Api Resource	createElement1	TRUE	Method createElement(String): Returns an org.w3c.dom.Element object for the specified tag name
PortletResponse	Api Resource	createElement2	TRUE	Method createElement(String): The returned Element has nodeName set to the the specified tag name
PortletResponse	Api Resource	createElement3	TRUE	Method createElement(String): The returned Element has localName set to null
PortletResponse	Api Resource	createElement4	TRUE	Method createElement(String): The returned Element has prefix set to null
PortletResponse	Api Resource	createElement5	TRUE	Method createElement(String): The returned Element has namespaceURI set to null
PortletResponse	Api Resource	createElement6	TRUE	Method createElement(String): Throws org.w3c.dom.DOMException - INVALID_CHARACTER_ERR if the specified name contains an illegal character.

## JSR 362 Assertions

PortletResponse	Api Action	addPropertyA1	TRUE	Method addProperty(javax.servlet.http.Cookie): Adds the specified cookie property to the response
PortletResponse	Api Action	addPropertyA2	TRUE	Method addProperty(javax.servlet.http.Cookie): Throws IllegalArgumentException if the specified cookie is null
PortletResponse	Api Action	addPropertyB1	TRUE	Method addProperty(String, org.w3c.dom.Element): Adds an XML DOM Element to the response for the specified key
PortletResponse	Api Action	addPropertyB2	TRUE	Method addProperty(String, org.w3c.dom.Element): If a DOM Element for the specified key already exists, the new element is added in addition to the existing element
PortletResponse	Api Action	addPropertyB3	TRUE	Method addProperty(String, org.w3c.dom.Element): If the specified DOM Element value is null, the key is removed from the response
PortletResponse	Api Action	addPropertyB4	TRUE	Method addProperty(String, org.w3c.dom.Element): Throws IllegalArgumentException if the specified key is null
PortletResponse	Api Action	addPropertyC1	TRUE	Method addProperty(String, String): Adds a property value to an existing key to allow the key to have multiple values
PortletResponse	Api Action	addPropertyC2	TRUE	Method addProperty(String, String): Throws IllegalArgumentException if the specified key is null
PortletResponse	Api Action	setProperty1	TRUE	Method setProperty(String, String): Sets a property value for the specified key
PortletResponse	Api Action	setProperty2	TRUE	Method setProperty(String, String): Resets any existing property values for the specified key
PortletResponse	Api Action	setProperty3	TRUE	Method setProperty(String, String): Throws IllegalArgumentException if the specified key is null
PortletResponse	Api Action	encodeURL1	TRUE	Method encodeURL(String): Returns a String representing the encoded URL
PortletResponse	Api Action	encodeURL2	TRUE	Method encodeURL(String): Throws IllegalArgumentException if the input string is not an absolute URL and does not start with "/" character
PortletResponse	Api Action	getNamespace1	TRUE	Method getNamespace(): Returns a String containing the namespace value
PortletResponse	Api Action	getNamespace2	FALSE	Method getNamespace(): The returned namespace is constant for the lifetime of the portlet window
PortletResponse	Api Action	createElement1	TRUE	Method createElement(String): Returns an org.w3c.dom.Element object for the specified tag name
PortletResponse	Api Action	createElement2	TRUE	Method createElement(String): The returned Element has nodeName set to the the specified tag name
PortletResponse	Api Action	createElement3	TRUE	Method createElement(String): The returned Element has localName set to null
PortletResponse	Api Action	createElement4	TRUE	Method createElement(String): The returned Element has prefix set to null
PortletResponse	Api Action	createElement5	TRUE	Method createElement(String): The returned Element has namespaceURI set to null
PortletResponse	Api Action	createElement6	TRUE	Method createElement(String): Throws org.w3c.dom.DOMException - INVALID_CHARACTER_ERR if the specified name contains an illegal character.

## JSR 362 Assertions

PortletResponse	Api Event	addPropertyA1	TRUE	Method addProperty(javax.servlet.http.Cookie): Adds the specified cookie property to the response
PortletResponse	Api Event	addPropertyA2	TRUE	Method addProperty(javax.servlet.http.Cookie): Throws IllegalArgumentException if the specified cookie is null
PortletResponse	Api Event	addPropertyB1	TRUE	Method addProperty(String, org.w3c.dom.Element): Adds an XML DOM Element to the response for the specified key
PortletResponse	Api Event	addPropertyB2	TRUE	Method addProperty(String, org.w3c.dom.Element): If a DOM Element for the specified key already exists, the new element is added in addition to the existing element
PortletResponse	Api Event	addPropertyB3	TRUE	Method addProperty(String, org.w3c.dom.Element): If the specified DOM Element value is null, the key is removed from the response
PortletResponse	Api Event	addPropertyB4	TRUE	Method addProperty(String, org.w3c.dom.Element): Throws IllegalArgumentException if the specified key is null
PortletResponse	Api Event	addPropertyC1	TRUE	Method addProperty(String, String): Adds a property value to an existing key to allow the key to have multiple values
PortletResponse	Api Event	addPropertyC2	TRUE	Method addProperty(String, String): Throws IllegalArgumentException if the specified key is null
PortletResponse	Api Event	setProperty1	TRUE	Method setProperty(String, String): Sets a property value for the specified key
PortletResponse	Api Event	setProperty2	TRUE	Method setProperty(String, String): Resets any existing property values for the specified key
PortletResponse	Api Event	setProperty3	TRUE	Method setProperty(String, String): Throws IllegalArgumentException if the specified key is null
PortletResponse	Api Event	encodeURL1	TRUE	Method encodeURL(String): Returns a String representing the encoded URL
PortletResponse	Api Event	encodeURL2	TRUE	Method encodeURL(String): Throws IllegalArgumentException if the input string is not an absolute URL and does not start with "/" character
PortletResponse	Api Event	getNamespace1	TRUE	Method getNamespace(): Returns a String containing the namespace value
PortletResponse	Api Event	getNamespace2	FALSE	Method getNamespace(): The returned namespace is constant for the lifetime of the portlet window
PortletResponse	Api Event	createElement1	TRUE	Method createElement(String): Returns an org.w3c.dom.Element object for the specified tag name
PortletResponse	Api Event	createElement2	TRUE	Method createElement(String): The returned Element has nodeName set to the the specified tag name
PortletResponse	Api Event	createElement3	TRUE	Method createElement(String): The returned Element has localName set to null
PortletResponse	Api Event	createElement4	TRUE	Method createElement(String): The returned Element has prefix set to null
PortletResponse	Api Event	createElement5	TRUE	Method createElement(String): The returned Element has namespaceURI set to null
PortletResponse	Api Event	createElement6	TRUE	Method createElement(String): Throws org.w3c.dom.DOMException - INVALID_CHARACTER_ERR if the specified name contains an illegal character.

## JSR 362 Assertions

StateAwareResponse	Api Event	setWindowState1	TRUE	Method setWindowState(WindowState): Sets the WindowState to the specified value
StateAwareResponse	Api Event	setWindowState2	TRUE	Method setWindowState(WindowState): Throws WindowStateException if the portlet cannot switch to the specified WindowState
StateAwareResponse	Api Event	setWindowState3	TRUE	Method setWindowState(WindowState): Throws IllegalStateException if the method is invoked after the sendRedirect method has been called
StateAwareResponse	Api Event	setPortletMode1	TRUE	Method setPortletMode(PortletMode): Sets the PortletMode to the specified value
StateAwareResponse	Api Event	setPortletMode2	TRUE	Method setPortletMode(PortletMode): Throws PortletModeException if the portlet cannot switch to the specified PortletMode
StateAwareResponse	Api Event	setPortletMode3	TRUE	Method setPortletMode(PortletMode): Throws IllegalStateException if the method is invoked after the sendRedirect method has been called
StateAwareResponse	Api Event	setRenderParameters1	TRUE	Method setRenderParameters(java.util.Map): Sets the render parameter map to the specified value
StateAwareResponse	Api Event	setRenderParameters2	TRUE	Method setRenderParameters(java.util.Map): Public render parameters can be set through the map
StateAwareResponse	Api Event	setRenderParameters3	TRUE	Method setRenderParameters(java.util.Map): Private render parameters can be set through the map
StateAwareResponse	Api Event	setRenderParameters4	TRUE	Method setRenderParameters(java.util.Map): Previously existing private render parameters not contained in the specified input map are removed
StateAwareResponse	Api Event	setRenderParameters5	TRUE	Method setRenderParameters(java.util.Map): Previously existing public render parameters not contained in the specified input map remain unchanged
StateAwareResponse	Api Event	setRenderParameters6	TRUE	Method setRenderParameters(java.util.Map): Parameters that are set are available in subsequent render requests
StateAwareResponse	Api Event	setRenderParameters7	TRUE	Method setRenderParameters(java.util.Map): Throws IllegalArgumentException if the input map is null
StateAwareResponse	Api Event	setRenderParameters8	TRUE	Method setRenderParameters(java.util.Map): Throws IllegalArgumentException if any key in the map is null
StateAwareResponse	Api Event	setRenderParameters9	TRUE	Method setRenderParameters(java.util.Map): Throws IllegalArgumentException if any key in the map is the empty string ("")
StateAwareResponse	Api Event	setRenderParameters10	TRUE	Method setRenderParameters(java.util.Map): Throws IllegalArgumentException if the values array for any key is null
StateAwareResponse	Api Event	setRenderParameters11	TRUE	Method setRenderParameters(java.util.Map): Throws IllegalArgumentException if any element in any values array is null
StateAwareResponse	Api Event	setRenderParameters12	TRUE	Method setRenderParameters(java.util.Map): Throws IllegalStateException if the method is invoked after the sendRedirect method has been called
StateAwareResponse	Api Event	setRenderParameterA1	TRUE	Method setRenderParameter(String, String): Sets the parameter value for the specified name
StateAwareResponse	Api Event	setRenderParameterA2	TRUE	Method setRenderParameter(String, String): A private parameter can be set
StateAwareResponse	Api Event	setRenderParameterA3	TRUE	Method setRenderParameter(String, String): A public parameter can be set

## JSR 362 Assertions

StateAwareResponse	Api Event	setRenderParameterA4	TRUE	Method setRenderParameter(String, String): All previously existing values for the specified name are removed
StateAwareResponse	Api Event	setRenderParameterA5	TRUE	Method setRenderParameter(String, String): If the value is null, all values for the specified name are removed
StateAwareResponse	Api Event	setRenderParameterA6	TRUE	Method setRenderParameter(String, String): Parameters that are set are available in subsequent render requests
StateAwareResponse	Api Event	setRenderParameterA7	TRUE	Method setRenderParameter(String, String): Throws IllegalArgumentException if the name is null
StateAwareResponse	Api Event	setRenderParameterA8	TRUE	Method setRenderParameter(String, String): Throws IllegalStateException if the method is invoked after the sendRedirect method has been called
StateAwareResponse	Api Event	setRenderParameterB1	TRUE	Method setRenderParameter(String, String[]): Sets the parameter values for the specified name.
StateAwareResponse	Api Event	setRenderParameterB2	TRUE	Method setRenderParameter(String, String[]): All existing values are removed
StateAwareResponse	Api Event	setRenderParameterB3	TRUE	Method setRenderParameter(String, String[]): Parameters that are set are available in subsequent render requests
StateAwareResponse	Api Event	setRenderParameterB4	TRUE	Method setRenderParameter(String, String[]): Throws IllegalArgumentException if the name is null
StateAwareResponse	Api Event	setRenderParameterB5	TRUE	Method setRenderParameter(String, String[]): Throws IllegalArgumentException if the values array is null
StateAwareResponse	Api Event	setRenderParameterB6	TRUE	Method setRenderParameter(String, String[]): Throws IllegalStateException if the method is invoked after the sendRedirect method has been called
StateAwareResponse	Api Event	setEventA1	TRUE	Method setEvent(javax.xml.namespace.QName, java.io.Serializable): Publishes an event with the specified name and payload
StateAwareResponse	Api Event	setEventA2	TRUE	Method setEvent(javax.xml.namespace.QName, java.io.Serializable): Throws IllegalArgumentException if the name is null
StateAwareResponse	Api Event	setEventA3	TRUE	Method setEvent(javax.xml.namespace.QName, java.io.Serializable): Throws IllegalArgumentException if the value is not serializable
StateAwareResponse	Api Event	setEventA4	TRUE	Method setEvent(javax.xml.namespace.QName, java.io.Serializable): Throws IllegalArgumentException if the value does not have a valid JAXB binding
StateAwareResponse	Api Event	setEventA5	TRUE	Method setEvent(javax.xml.namespace.QName, java.io.Serializable): Throws IllegalArgumentException if the value object type is not as specified in the deployment descriptor
StateAwareResponse	Api Event	setEventB1	TRUE	Method setEvent(String, java.io.Serializable): Publishes an event with the specified name and payload
StateAwareResponse	Api Event	setEventB2	TRUE	Method setEvent(String, java.io.Serializable): Throws IllegalArgumentException if the name is null
StateAwareResponse	Api Event	setEventB3	TRUE	Method setEvent(String, java.io.Serializable): Throws IllegalArgumentException if the value is not serializable
StateAwareResponse	Api Event	setEventB4	TRUE	Method setEvent(String, java.io.Serializable): Throws IllegalArgumentException if the value does not have a valid JAXB binding

## JSR 362 Assertions

StateAwareResponse	Api Event	setEventB5	TRUE	Method setEvent(String, java.io.Serializable): Throws IllegalArgumentException if the value object type is not as specified in the deployment descriptor
StateAwareResponse	Api Event	getRenderParameterMap1	TRUE	Method getRenderParameterMap(): Returns a map of the render parameters currently set on the response
StateAwareResponse	Api Event	getRenderParameterMap2	TRUE	Method getRenderParameterMap(): The returned map contains public render parameters
StateAwareResponse	Api Event	getRenderParameterMap3	TRUE	Method getRenderParameterMap(): The returned map contains private render parameters
StateAwareResponse	Api Event	getRenderParameterMap4	TRUE	Method getRenderParameterMap(): An empty map is returned if no parameters have been set
StateAwareResponse	Api Event	getPortletMode1	TRUE	Method getPortletMode(): Returns the current PortletMode for the portlet
StateAwareResponse	Api Event	getPortletMode2	TRUE	Method getPortletMode(): Returns null if no PortletMode has been set
StateAwareResponse	Api Event	getWindowState1	TRUE	Method getWindowState(): Returns the current WindowState for the portlet
StateAwareResponse	Api Event	getWindowState2	TRUE	Method getWindowState(): Returns null if no WindowState has been set
StateAwareResponse	Api Event	removePublicRenderParameter1	TRUE	Method removePublicRenderParameter(String): Removes the specified public render parameter
StateAwareResponse	Api Event	removePublicRenderParameter2	TRUE	Method removePublicRenderParameter(String): Throws IllegalArgumentException if the name is null
StateAwareResponse	Api Action	setWindowState1	TRUE	Method setWindowState(WindowState): Sets the WindowState to the specified value
StateAwareResponse	Api Action	setWindowState2	TRUE	Method setWindowState(WindowState): Throws WindowStateException if the portlet cannot switch to the specified WindowState
StateAwareResponse	Api Action	setWindowState3	TRUE	Method setWindowState(WindowState): Throws IllegalStateException if the method is invoked after the sendRedirect method has been called
StateAwareResponse	Api Action	setPortletMode1	TRUE	Method setPortletMode(PortletMode): Sets the PortletMode to the specified value
StateAwareResponse	Api Action	setPortletMode2	TRUE	Method setPortletMode(PortletMode): Throws PortletModeException if the portlet cannot switch to the specified PortletMode
StateAwareResponse	Api Action	setPortletMode3	TRUE	Method setPortletMode(PortletMode): Throws IllegalStateException if the method is invoked after the sendRedirect method has been called
StateAwareResponse	Api Action	setRenderParameters1	TRUE	Method setRenderParameters(java.util.Map): Sets the render parameter map to the specified value
StateAwareResponse	Api Action	setRenderParameters2	TRUE	Method setRenderParameters(java.util.Map): Public render parameters can be set through the map
StateAwareResponse	Api Action	setRenderParameters3	TRUE	Method setRenderParameters(java.util.Map): Private render parameters can be set through the map
StateAwareResponse	Api Action	setRenderParameters4	TRUE	Method setRenderParameters(java.util.Map): Previously existing private render parameters not contained in the specified input map are removed
StateAwareResponse	Api Action	setRenderParameters5	TRUE	Method setRenderParameters(java.util.Map): Previously existing public render parameters not contained in the specified input map remain unchanged

## JSR 362 Assertions

StateAwareResponse	Api Action	setRenderParameters6	TRUE	Method setRenderParameters(java.util.Map): Parameters that are set are available in subsequent render requests
StateAwareResponse	Api Action	setRenderParameters7	TRUE	Method setRenderParameters(java.util.Map): Throws IllegalArgumentException if the input map is null
StateAwareResponse	Api Action	setRenderParameters8	TRUE	Method setRenderParameters(java.util.Map): Throws IllegalArgumentException if any key in the map is null
StateAwareResponse	Api Action	setRenderParameters9	TRUE	Method setRenderParameters(java.util.Map): Throws IllegalArgumentException if any key in the map is the empty string ("")
StateAwareResponse	Api Action	setRenderParameters10	TRUE	Method setRenderParameters(java.util.Map): Throws IllegalArgumentException if the values array for any key is null
StateAwareResponse	Api Action	setRenderParameters11	TRUE	Method setRenderParameters(java.util.Map): Throws IllegalArgumentException if any element in any values array is null
StateAwareResponse	Api Action	setRenderParameters12	TRUE	Method setRenderParameters(java.util.Map): Throws IllegalStateException if the method is invoked after the sendRedirect method has been called
StateAwareResponse	Api Action	setRenderParameterA1	TRUE	Method setRenderParameter(String, String): Sets the parameter value for the specified name
StateAwareResponse	Api Action	setRenderParameterA2	TRUE	Method setRenderParameter(String, String): A private parameter can be set
StateAwareResponse	Api Action	setRenderParameterA3	TRUE	Method setRenderParameter(String, String): A public parameter can be set
StateAwareResponse	Api Action	setRenderParameterA4	TRUE	Method setRenderParameter(String, String): All previously existing values for the specified name are removed
StateAwareResponse	Api Action	setRenderParameterA5	TRUE	Method setRenderParameter(String, String): If the value is null, all values for the specified name are removed
StateAwareResponse	Api Action	setRenderParameterA6	TRUE	Method setRenderParameter(String, String): Parameters that are set are available in subsequent render requests
StateAwareResponse	Api Action	setRenderParameterA7	TRUE	Method setRenderParameter(String, String): Throws IllegalArgumentException if the name is null
StateAwareResponse	Api Action	setRenderParameterA8	TRUE	Method setRenderParameter(String, String): Throws IllegalStateException if the method is invoked after the sendRedirect method has been called
StateAwareResponse	Api Action	setRenderParameterB1	TRUE	Method setRenderParameter(String, String[]): Sets the parameter values for the specified name.
StateAwareResponse	Api Action	setRenderParameterB2	TRUE	Method setRenderParameter(String, String[]): All existing values are removed
StateAwareResponse	Api Action	setRenderParameterB3	TRUE	Method setRenderParameter(String, String[]): Parameters that are set are available in subsequent render requests
StateAwareResponse	Api Action	setRenderParameterB4	TRUE	Method setRenderParameter(String, String[]): Throws IllegalArgumentException if the name is null
StateAwareResponse	Api Action	setRenderParameterB5	TRUE	Method setRenderParameter(String, String[]): Throws IllegalArgumentException if the values array is null
StateAwareResponse	Api Action	setRenderParameterB6	TRUE	Method setRenderParameter(String, String[]): Throws IllegalStateException if the method is invoked after the sendRedirect method has been called

## JSR 362 Assertions

StateAwareResponse	Api Action	setEventA1	TRUE	Method setEvent(javax.xml.namespace.QName, java.io.Serializable): Publishes an event with the specified name and payload
StateAwareResponse	Api Action	setEventA2	TRUE	Method setEvent(javax.xml.namespace.QName, java.io.Serializable): Throws IllegalArgumentException if the name is null
StateAwareResponse	Api Action	setEventA3	TRUE	Method setEvent(javax.xml.namespace.QName, java.io.Serializable): Throws IllegalArgumentException if the value is not serializable
StateAwareResponse	Api Action	setEventA4	TRUE	Method setEvent(javax.xml.namespace.QName, java.io.Serializable): Throws IllegalArgumentException if the value does not have a valid JAXB binding
StateAwareResponse	Api Action	setEventA5	TRUE	Method setEvent(javax.xml.namespace.QName, java.io.Serializable): Throws IllegalArgumentException if the value object type is not as specified in the deployment descriptor
StateAwareResponse	Api Action	setEventB1	TRUE	Method setEvent(String, java.io.Serializable): Publishes an event with the specified name and payload
StateAwareResponse	Api Action	setEventB2	TRUE	Method setEvent(String, java.io.Serializable): Throws IllegalArgumentException if the name is null
StateAwareResponse	Api Action	setEventB3	TRUE	Method setEvent(String, java.io.Serializable): Throws IllegalArgumentException if the value is not serializable
StateAwareResponse	Api Action	setEventB4	TRUE	Method setEvent(String, java.io.Serializable): Throws IllegalArgumentException if the value does not have a valid JAXB binding
StateAwareResponse	Api Action	setEventB5	TRUE	Method setEvent(String, java.io.Serializable): Throws IllegalArgumentException if the value object type is not as specified in the deployment descriptor
StateAwareResponse	Api Action	getRenderParameterMap1	TRUE	Method getRenderParameterMap(): Returns a map of the render parameters currently set on the response
StateAwareResponse	Api Action	getRenderParameterMap2	TRUE	Method getRenderParameterMap(): The returned map contains public render parameters
StateAwareResponse	Api Action	getRenderParameterMap3	TRUE	Method getRenderParameterMap(): The returned map contains private render parameters
StateAwareResponse	Api Action	getRenderParameterMap4	TRUE	Method getRenderParameterMap(): An empty map is returned if no parameters have been set
StateAwareResponse	Api Action	getPortletMode1	TRUE	Method getPortletMode(): Returns the current PortletMode for the portlet
StateAwareResponse	Api Action	getPortletMode2	TRUE	Method getPortletMode(): Returns null if no PortletMode has been set
StateAwareResponse	Api Action	getWindowState1	TRUE	Method getWindowState(): Returns the current WindowState for the portlet
StateAwareResponse	Api Action	getWindowState2	TRUE	Method getWindowState(): Returns null if no WindowState has been set
StateAwareResponse	Api Action	removePublicRenderParameter1	TRUE	Method removePublicRenderParameter(String): Removes the specified public render parameter
StateAwareResponse	Api Action	removePublicRenderParameter2	TRUE	Method removePublicRenderParameter(String): Throws IllegalArgumentException if the name is null
ActionResponse	Api Action	sendRedirectA1	TRUE	Method sendRedirect(String): Allows a redirect response to be sent to the client

## JSR 362 Assertions

ActionResponse	Api Action	sendRedirectA2	TRUE	Method sendRedirect(String): Throws IllegalArgumentException if a relative path URL is specified
ActionResponse	Api Action	sendRedirectA3	TRUE	Method sendRedirect(String): Throws IllegalStateException if setPortletMode has been called before this method
ActionResponse	Api Action	sendRedirectA4	TRUE	Method sendRedirect(String): Throws IllegalStateException if setWindowState has been called before this method
ActionResponse	Api Action	sendRedirectA5	TRUE	Method sendRedirect(String): Throws IllegalStateException if setRenderParameter has been called before this method
ActionResponse	Api Action	sendRedirectA6	TRUE	Method sendRedirect(String): Throws IllegalStateException if setRenderParameters has been called before this method
ActionResponse	Api Action	sendRedirectA7	TRUE	Method sendRedirect(String): Throws IllegalStateException if removePublicRenderParameter has been called before this method
ActionResponse	Api Action	sendRedirectA8	FALSE	Method sendRedirect(): Throws IOException if an I/O error occurs
ActionResponse	Api Action	sendRedirectB1	TRUE	Method sendRedirect(String, String): Allows a redirect response to be sent to the client
ActionResponse	Api Action	sendRedirectB2	TRUE	Method sendRedirect(String, String): Encodes a render URL as a parameter under the specified name on the redirect URL
ActionResponse	Api Action	sendRedirectB3	TRUE	Method sendRedirect(String, String): The encoded render URL contains the currently set PortletMode
ActionResponse	Api Action	sendRedirectB4	TRUE	Method sendRedirect(String, String): The encoded render URL contains the currently set WindowState
ActionResponse	Api Action	sendRedirectB5	TRUE	Method sendRedirect(String, String): The encoded render URL contains the currently set render parameters
ActionResponse	Api Action	sendRedirectB6	TRUE	Method sendRedirect(String, String): Throws IllegalArgumentException if a relative path URL is specified
ActionResponse	Api Action	sendRedirectB7	TRUE	Method sendRedirect(String, String): Throws IllegalStateException if setPortletMode has been called before this method
ActionResponse	Api Action	sendRedirectB8	TRUE	Method sendRedirect(String, String): Throws IllegalStateException if setWindowState has been called before this method
ActionResponse	Api Action	sendRedirectB9	TRUE	Method sendRedirect(String, String): Throws IllegalStateException if setRenderParameter has been called before this method
ActionResponse	Api Action	sendRedirectB10	TRUE	Method sendRedirect(String, String): Throws IllegalStateException if setRenderParameters has been called before this method
ActionResponse	Api Action	sendRedirectB11	TRUE	Method sendRedirect(String, String): Throws IllegalStateException if removePublicRenderParameter has been called before this method
ActionResponse	Api Action	sendRedirectB12	FALSE	Method sendRedirect(String, String): Throws IOException if an I/O error occurs
EventResponse	Api Event	setRenderParameters1	TRUE	Method setRenderParameters(EventRequest): Copies all render parameters set on the EventRequest to the EventResponse
EventResponse	Api Event	setRenderParameters2	TRUE	Method setRenderParameters(EventRequest): Throws IllegalArgumentException if the input EventRequest parameter is null

## JSR 362 Assertions

MimeResponse	Api Render	fieldEXPIRATION_CACHE	TRUE	Has String field EXPIRATION_CACHE with value of "portlet.expiration-cache"
MimeResponse	Api Render	fieldCACHE_SCOPE	TRUE	Has String field CACHE_SCOPE with value of "portlet.cache-scope"
MimeResponse	Api Render	fieldPUBLIC_SCOPE	TRUE	Has String field PUBLIC_SCOPE with value of "portlet.public-scope"
MimeResponse	Api Render	fieldPRIVATE_SCOPE	TRUE	Has String field PRIVATE_SCOPE with value of "portlet.private-scope"
MimeResponse	Api Render	fieldETAG	TRUE	Has String field ETAG with value of "portlet.ETag"
MimeResponse	Api Render	fieldUSE_CACHED_CONTENT	TRUE	Has String field USE_CACHED_CONTENT with value of "portlet.use-cached-content"
MimeResponse	Api Render	fieldNAMESPACED_RESPONSE	TRUE	Has String field NAMESPACED_RESPONSE with value of "X-JAVAX-PORTLET-NAMESPACED-RESPONSE"
MimeResponse	Api Render	fieldMARKUP_HEAD_ELEMENT	TRUE	Has String field MARKUP_HEAD_ELEMENT with value of "javax.portlet.markup.head.element"
MimeResponse	Api Render	getContentType1	TRUE	Method getContentType(): Returns a String containing the MIME type that can be used with the response
MimeResponse	Api Render	getContentType2	TRUE	Method getContentType(): Returns null if no content type is set
MimeResponse	Api Render	setContentType1	TRUE	Method setContentType(String): Sets the MIME type for the response
MimeResponse	Api Render	setContentType2	FALSE	Method setContentType(String): Has no effect if called after the getWriter method has been called
MimeResponse	Api Render	setContentType3	FALSE	Method setContentType(String): Has no effect if called after the getPortletOutputStream method has been called
MimeResponse	Api Render	setContentType4	TRUE	Method setContentType(String): Throws IllegalArgumentException if the specified MIME type is invalid
MimeResponse	Api Render	getCharacterEncoding	TRUE	Method getCharacterEncoding(): Returns a String containing the name of the charset used for the response body
MimeResponse	Api Render	getWriter1	TRUE	Method getWriter(): Returns a PrintWriter object
MimeResponse	Api Render	getWriter2	TRUE	Method getWriter(): Throws IllegalStateException if called after the getPortletOutputStream method has been called
MimeResponse	Api Render	getWriter3	FALSE	Method getWriter(): Throws IOException if an I/O error occurs
MimeResponse	Api Render	getLocale	TRUE	Method getLocale(): Returns an java.util.Locale representing the locale assigned to the response
MimeResponse	Api Render	setBufferSize1	TRUE	Method setBufferSize(int): Sets the preferred buffer size for the response body
MimeResponse	Api Render	setBufferSize2	TRUE	Method setBufferSize(int): Throws IllegalStateException if called after content has been written
MimeResponse	Api Render	getBufferSize1	TRUE	Method getBufferSize(): Returns an int designating the actual buffer size used for the response
MimeResponse	Api Render	getBufferSize2	TRUE	Method getBufferSize(): Returns null if buffering is not used
MimeResponse	Api Render	flushBuffer1	TRUE	Method flushBuffer(): Returns void and flushes buffer to OutputStream
MimeResponse	Api Render	flushBuffer2	FALSE	Method flushBuffer(): Throws IOException if an I/O error occurs
MimeResponse	Api Render	resetBuffer1	TRUE	Method resetBuffer(): Returns void and clears and data and properties from the buffer

## JSR 362 Assertions

MimeResponse	Api Render	resetBuffer2	TRUE	Method resetBuffer(): Throws IllegalStateException if called after the response has been committed
MimeResponse	Api Render	isCommitted1	TRUE	Method isCommitted(): Returns true if the response has been committed
MimeResponse	Api Render	isCommitted2	TRUE	Method isCommitted(): Returns false if the response has not been committed
MimeResponse	Api Render	reset1	TRUE	Method reset(): Returns void and clears and data and properties from the buffer
MimeResponse	Api Render	reset2	TRUE	Method reset(): Throws IllegalStateException if called after the response has been committed
MimeResponse	Api Render	getPortletOutputStream1	TRUE	Method getPortletOutputStream(): Returns a PortletOutputStream object
MimeResponse	Api Render	getPortletOutputStream2	TRUE	Method getPortletOutputStream(): Throws IllegalStateException if called after the getWriter method has been called
MimeResponse	Api Render	getPortletOutputStream3	FALSE	Method getPortletOutputStream(): Throws IOException if an I/O error occurs
MimeResponse	Api Render	createRenderURL	TRUE	Method createRenderURL(): Returns a PortletURL object representing a render URL targeting the portlet
MimeResponse	Api Render	createActionURL	TRUE	Method createActionURL(): Returns a PortletURL object representing an action URL targeting the portlet
MimeResponse	Api Render	createResourceURL	TRUE	Method createResourceURL(): Returns a ResourceURL object targeting the portlet
MimeResponse	Api Render	getCacheControl	TRUE	Method getCacheControl(): Returns a CacheControl object
MimeResponse	Api Resource	fieldEXPIRATION_CACHE	TRUE	Has String field EXPIRATION_CACHE with value of "portlet.expiration-cache"
MimeResponse	Api Resource	fieldCACHE_SCOPE	TRUE	Has String field CACHE_SCOPE with value of "portlet.cache-scope"
MimeResponse	Api Resource	fieldPUBLIC_SCOPE	TRUE	Has String field PUBLIC_SCOPE with value of "portlet.public-scope"
MimeResponse	Api Resource	fieldPRIVATE_SCOPE	TRUE	Has String field PRIVATE_SCOPE with value of "portlet.private-scope"
MimeResponse	Api Resource	fieldETAG	TRUE	Has String field ETAG with value of "portlet.ETag"
MimeResponse	Api Resource	fieldUSE_CACHED_CONTENT	TRUE	Has String field USE_CACHED_CONTENT with value of "portlet.use-cached-content"
MimeResponse	Api Resource	fieldNAMESPACED_RESPONSE	TRUE	Has String field NAMESPACED_RESPONSE with value of "X-JAVAX-PORTLET-NAMESPACED-RESPONSE"
MimeResponse	Api Resource	fieldMARKUP_HEAD_ELEMENT	TRUE	Has String field MARKUP_HEAD_ELEMENT with value of "javax.portlet.markup.head.element"
MimeResponse	Api Resource	getContentType1	TRUE	Method getContentType(): Returns a String containing the MIME type that can be used with the response
MimeResponse	Api Resource	getContentType2	TRUE	Method getContentType(): Returns null if no content type is set
MimeResponse	Api Resource	setContentType1	TRUE	Method setContentType(String): Sets the MIME type for the response
MimeResponse	Api Resource	setContentType2	FALSE	Method setContentType(String): Has no effect if called after the getWriter method has been called
MimeResponse	Api Resource	setContentType3	FALSE	Method setContentType(String): Has no effect if called after the getPortletOutputStream method has been called
MimeResponse	Api Resource	setContentType4	TRUE	Method setContentType(String): Throws IllegalArgumentException if the specified MIME type is invalid

## JSR 362 Assertions

MimeResponse	Api Resource	getCharacterEncoding	TRUE	Method getCharacterEncoding(): Returns a String containing the name of the charset used for the response body
MimeResponse	Api Resource	getWriter1	TRUE	Method getWriter(): Returns a PrintWriter object
MimeResponse	Api Resource	getWriter2	TRUE	Method getWriter(): Throws IllegalStateException if called after the getPortletOutputStream method has been called
MimeResponse	Api Resource	getWriter3	FALSE	Method getWriter(): Throws IOException if an I/O error occurs
MimeResponse	Api Resource	getLocale	TRUE	Method getLocale(): Returns an java.util.Locale representing the locale assigned to the response
MimeResponse	Api Resource	setBufferSize1	TRUE	Method setBufferSize(int): Sets the preferred buffer size for the response body
MimeResponse	Api Resource	setBufferSize2	TRUE	Method setBufferSize(int): Throws IllegalStateException if called after content has been written
MimeResponse	Api Resource	getBufferSize1	TRUE	Method getBufferSize(): Returns an int designating the actual buffer size used for the response
MimeResponse	Api Resource	getBufferSize2	TRUE	Method getBufferSize(): Returns null if buffering is not used
MimeResponse	Api Resource	flushBuffer1	TRUE	Method flushBuffer(): Returns void and flushes buffer to OutputStream
MimeResponse	Api Resource	flushBuffer2	FALSE	Method flushBuffer(): Throws IOException if an I/O error occurs
MimeResponse	Api Resource	resetBuffer1	TRUE	Method resetBuffer(): Returns void and clears and data and properties from the buffer
MimeResponse	Api Resource	resetBuffer2	TRUE	Method resetBuffer(): Throws IllegalStateException if called after the response has been committed
MimeResponse	Api Resource	isCommitted1	TRUE	Method isCommitted(): Returns true if the response has been committed
MimeResponse	Api Resource	isCommitted2	TRUE	Method isCommitted(): Returns false if the response has not been committed
MimeResponse	Api Resource	reset1	TRUE	Method reset(): Returns void and clears and data and properties from the buffer
MimeResponse	Api Resource	reset2	TRUE	Method reset(): Throws IllegalStateException if called after the response has been committed
MimeResponse	Api Resource	getPortletOutputStream1	TRUE	Method getPortletOutputStream(): Returns a PortletOutputStream object
MimeResponse	Api Resource	getPortletOutputStream2	TRUE	Method getPortletOutputStream(): Throws IllegalStateException if called after the getWriter method has been called
MimeResponse	Api Resource	getPortletOutputStream3	FALSE	Method getPortletOutputStream(): Throws IOException if an I/O error occurs
MimeResponse	Api Resource	createRenderURL	TRUE	Method createRenderURL(): Returns a PortletURL object representing a render URL targeting the portlet
MimeResponse	Api Resource	createActionURL	TRUE	Method createActionURL(): Returns a PortletURL object representing an action URL targeting the portlet
MimeResponse	Api Resource	createResourceURL	TRUE	Method createResourceURL(): Returns a ResourceURL object targeting the portlet
MimeResponse	Api Resource	getCacheControl	TRUE	Method getCacheControl(): Returns a CacheControl object
RenderResponse	Api Render	setTitle2	TRUE	Method setTitle(String): Sets the portlet title to the specified value
RenderResponse	Api Render	setNextPossiblePortletModes2	TRUE	Method setNextPossiblePortletModes(java.util.Collection): Sets the next possible portlet modes to the specified value

## JSR 362 Assertions

RenderResponse	Api Render	setContentTypel	TRUE	Method setType(String): The portlet container will ignore any character encoding specified as part of the content type for render calls
RenderResponse	Api Render	setContentTypel2	TRUE	Method setType(String): Throws IllegalArgumentException if the content type is not valid
ResourceResponse	Api Resource	fieldHTTP_STATUS_CODE	TRUE	Has String field HTTP_STATUS_CODE with value of "portlet.http-status-code"
ResourceResponse	Api Resource	setLocale1	TRUE	Method setLocale(Locale): Sets the locale of the response
ResourceResponse	Api Resource	setLocale2	FALSE	Method setLocale(Locale): Has no effect if called after the getWriter method has been called
ResourceResponse	Api Resource	setLocale3	FALSE	Method setLocale(Locale): Has no effect if called after the getPortletOutputStream method has been called
ResourceResponse	Api Resource	setLocale4	TRUE	Method setLocale(Locale): Throws IllegalArgumentException if the Locale parameter is null
ResourceResponse	Api Resource	setCharacterEncoding1	TRUE	Method setCharacterEncoding(String): Sets the character encoding of the response
ResourceResponse	Api Resource	setCharacterEncoding2	FALSE	Method setCharacterEncoding(String): Has no effect if called after the getWriter method has been called
ResourceResponse	Api Resource	setCharacterEncoding3	FALSE	Method setCharacterEncoding(String): Has no effect if called after the getPortletOutputStream method has been called
ResourceResponse	Api Resource	setCharacterEncoding4	TRUE	Method setCharacterEncoding(String): Throws IllegalArgumentException if the Locale parameter is null
ResourceResponse	Api Resource	setContentLength1	TRUE	Method setContentLength(int): Sets the length of the content body
ResourceResponse	Api Resource	setContentLength2	FALSE	Method setContentLength(int): Has no effect if called after the getWriter method has been called
ResourceResponse	Api Resource	setContentLength3	FALSE	Method setContentLength(int): Has no effect if called after the getPortletOutputStream method has been called
ResourceResponse	Api Resource	createRenderURL2	TRUE	Method createRenderURL(): Throws IllegalStateException if the cacheability level for the resource URL triggering the serveResource call is not PAGE
ResourceResponse	Api Resource	createActionURL2	TRUE	Method createActionURL(): Throws IllegalStateException if the cacheability level for the resource URL triggering the serveResource call is not PAGE
ResourceResponse	Api Resource	createResourceURL2	TRUE	Method createResourceURL(): Throws IllegalStateException if the cacheability level for the resource URL triggering the serveResource call is not PAGE
<b>URL Tests</b>				
BaseURL	Api Render Renurl	setParameterA1	TRUE	Method setParameter(String, String): Sets the parameter value for the specified name
BaseURL	Api Render Renurl	setParameterA2	TRUE	Method setParameter(String, String): For a render URL, a private parameter can be set
BaseURL	Api Render Renurl	setParameterA3	TRUE	Method setParameter(String, String): For a render URL, a public parameter can be set
BaseURL	Api Render Renurl	setParameterA4	TRUE	Method setParameter(String, String): For an action URL, an action parameter can be set

## JSR 362 Assertions

BaseURL	Api Render Renurl	setParameterA5	TRUE	Method setParameter(String, String): For a resource URL, a resource parameter can be set
BaseURL	Api Render Renurl	setParameterA6	TRUE	Method setParameter(String, String): All previously existing values for the specified key are removed
BaseURL	Api Render Renurl	setParameterA7	TRUE	Method setParameter(String, String): If the value is null, all values for the specified key are removed
BaseURL	Api Render Renurl	setParameterA8	TRUE	Method setParameter(String, String): Throws IllegalArgumentException if the name is null
BaseURL	Api Render Renurl	setParameterB1	TRUE	Method setParameter(String, String[]): Sets the parameter value array for the specified name
BaseURL	Api Render Renurl	setParameterB2	TRUE	Method setParameter(String, String[]): For a render URL, a private parameter can be set
BaseURL	Api Render Renurl	setParameterB3	TRUE	Method setParameter(String, String[]): For a render URL, a public parameter can be set
BaseURL	Api Render Renurl	setParameterB4	TRUE	Method setParameter(String, String[]): For an action URL, an action parameter can be set
BaseURL	Api Render Renurl	setParameterB5	TRUE	Method setParameter(String, String[]): For a resource URL, a resource parameter can be set
BaseURL	Api Render Renurl	setParameterB6	TRUE	Method setParameter(String, String[]): All previously existing values for the specified key are removed
BaseURL	Api Render Renurl	setParameterB7	TRUE	Method setParameter(String, String[]): If the value is null, all values for the specified key are removed
BaseURL	Api Render Renurl	setParameterB8	TRUE	Method setParameter(String, String[]): Throws IllegalArgumentException if the name is null
BaseURL	Api Render Renurl	setParameters1	TRUE	Method setParameters(java.util.Map): Sets the parameter map to the specified value
BaseURL	Api Render Renurl	setParameters2	TRUE	Method setParameters(java.util.Map): For a render URL, public parameters can be set through the map
BaseURL	Api Render Renurl	setParameters3	TRUE	Method setParameters(java.util.Map): For a render URL, private parameters can be set through the map
BaseURL	Api Render Renurl	setParameters4	TRUE	Method setParameters(java.util.Map): For an action URL, action parameters can be set through the map
BaseURL	Api Render Renurl	setParameters5	TRUE	Method setParameters(java.util.Map): For a resource URL, resource parameters can be set through the map
BaseURL	Api Render Renurl	setParameters6	TRUE	Method setParameters(java.util.Map): Previously existing private, action, or resource parameters not contained in the specified input map are removed
BaseURL	Api Render Renurl	setParameters7	TRUE	Method setParameters(java.util.Map): Previously existing public parameters not contained in the specified input map remain unchanged
BaseURL	Api Render Renurl	setParameters8	TRUE	Method setParameters(java.util.Map): Parameters that are set are available in requests initiated through the URL

## JSR 362 Assertions

BaseURL	Api Render Renurl	setParameters9	TRUE	Method setParameters(java.util.Map): Throws IllegalArgumentException if the input map is null
BaseURL	Api Render Renurl	setParameters10	TRUE	Method setParameters(java.util.Map): Throws IllegalArgumentException if any key in the map is null
BaseURL	Api Render Renurl	setParameters11	TRUE	Method setParameters(java.util.Map): Throws IllegalArgumentException if any key in the map is the empty string ("")
BaseURL	Api Render Renurl	setParameters12	TRUE	Method setParameters(java.util.Map): Throws IllegalArgumentException if the values array for any key is null
BaseURL	Api Render Renurl	setParameters13	TRUE	Method setParameters(java.util.Map): Throws IllegalArgumentException if any element in any values array is null
BaseURL	Api Render Renurl	setParameters14	TRUE	Method setParameters(java.util.Map): Throws IllegalStateException if the method is invoked after the sendRedirect method has been called
BaseURL	Api Render Renurl	setSecure2	TRUE	Method setSecure(boolean): If the input parameter is true, the resulting URL uses a secure connection (HTTPS)
BaseURL	Api Render Renurl	setSecure3	TRUE	Method setSecure(boolean): If the input parameter is false, the resulting URL can use either a secure or non-secure connection
BaseURL	Api Render Renurl	setSecure4	TRUE	Method setSecure(boolean): Throws a PortletSecurityException if the runtime environment does not support the setting
BaseURL	Api Render Renurl	toString	TRUE	Method toString(): Returns a String containing the portlet URL representation to be included in the markup
BaseURL	Api Render Renurl	getParameterMap1	TRUE	Method getParameterMap(): Returns an java.util.Map<java.lang.String,java.lang.String[]> object for the parameter names and values if parameters are available
BaseURL	Api Render Renurl	getParameterMap2	TRUE	Method getParameterMap(): For a render URL, the returned map contains all public and private parameters for the request
BaseURL	Api Render Renurl	getParameterMap3	TRUE	Method getParameterMap(): For an action URL, the returned map contains all action parameters for the request
BaseURL	Api Render Renurl	getParameterMap4	TRUE	Method getParameterMap(): For a resource URL, the returned map contains all resource parameters for the request
BaseURL	Api Render Renurl	getParameterMap5	TRUE	Method getParameterMap(): For a resource URL, the returned map does not contain any render parameters for the request
BaseURL	Api Render Renurl	getParameterMap6	TRUE	Method getParameterMap(): Returns an empty map if no parameters exist
BaseURL	Api Render Renurl	writeA1	TRUE	Method write(): Writes the URL to the output stream through the provided Writer
BaseURL	Api Render Renurl	writeA2	TRUE	Method write(): The written URL is XML escaped (although it may be a token rather than a valid URL)
BaseURL	Api Render Renurl	writeA3	FALSE	Method write(): Throws IOException if an I/O error occurs
BaseURL	Api Render Renurl	writeB1	TRUE	Method write(): Writes the URL to the output stream through the provided Writer
BaseURL	Api Render Renurl	writeB2	TRUE	Method write(): If the escapeXML parameter is true, the written URL is XML escaped (although it may be a token rather than a valid URL)

## JSR 362 Assertions

BaseURL	Api Render Renurl	writeB3	TRUE	Method write(): If the escapeXML parameter is false, no escaping is performed
BaseURL	Api Render Renurl	writeB4	FALSE	Method write(): Throws IOException if an I/O error occurs
BaseURL	Api Render Renurl	addProperty1	TRUE	Method addProperty(String, String): Adds a property value to an existing key
BaseURL	Api Render Renurl	addProperty2	TRUE	Method addProperty(String, String): Existing property values for the key are retained
BaseURL	Api Render Renurl	addProperty3	TRUE	Method addProperty(String, String): Throws IllegalArgumentException if the specified key is null
BaseURL	Api Render Renurl	setProperty1	TRUE	Method setProperty(String, String): Sets a property value for the specified key
BaseURL	Api Render Renurl	setProperty2	TRUE	Method setProperty(String, String): Resets any existing property values for the specified key
BaseURL	Api Render Renurl	setProperty3	TRUE	Method setProperty(String, String): Throws IllegalArgumentException if the specified key is null
BaseURL	Api Render Acturl	setParameterA1	TRUE	Method setParameter(String, String): Sets the parameter value for the specified name
BaseURL	Api Render Acturl	setParameterA2	TRUE	Method setParameter(String, String): For a render URL, a private parameter can be set
BaseURL	Api Render Acturl	setParameterA3	TRUE	Method setParameter(String, String): For a render URL, a public parameter can be set
BaseURL	Api Render Acturl	setParameterA4	TRUE	Method setParameter(String, String): For an action URL, an action parameter can be set
BaseURL	Api Render Acturl	setParameterA5	TRUE	Method setParameter(String, String): For a resource URL, a resource parameter can be set
BaseURL	Api Render Acturl	setParameterA6	TRUE	Method setParameter(String, String): All previously existing values for the specified key are removed
BaseURL	Api Render Acturl	setParameterA7	TRUE	Method setParameter(String, String): If the value is null, all values for the specified key are removed
BaseURL	Api Render Acturl	setParameterA8	TRUE	Method setParameter(String, String): Throws IllegalArgumentException if the name is null
BaseURL	Api Render Acturl	setParameterB1	TRUE	Method setParameter(String, String[]): Sets the parameter value array for the specified name
BaseURL	Api Render Acturl	setParameterB2	TRUE	Method setParameter(String, String[]): For a render URL, a private parameter can be set
BaseURL	Api Render Acturl	setParameterB3	TRUE	Method setParameter(String, String[]): For a render URL, a public parameter can be set
BaseURL	Api Render Acturl	setParameterB4	TRUE	Method setParameter(String, String[]): For an action URL, an action parameter can be set
BaseURL	Api Render Acturl	setParameterB5	TRUE	Method setParameter(String, String[]): For a resource URL, a resource parameter can be set

## JSR 362 Assertions

BaseURL	Api Render Acturl	setParameterB6	TRUE	Method setParameter(String, String[]): All previously existing values for the specified key are removed
BaseURL	Api Render Acturl	setParameterB7	TRUE	Method setParameter(String, String[]): If the value is null, all values for the specified key are removed
BaseURL	Api Render Acturl	setParameterB8	TRUE	Method setParameter(String, String[]): Throws IllegalArgumentException if the name is null
BaseURL	Api Render Acturl	setParameters1	TRUE	Method setParameters(java.util.Map): Sets the parameter map to the specified value
BaseURL	Api Render Acturl	setParameters2	TRUE	Method setParameters(java.util.Map): For a render URL, public parameters can be set through the map
BaseURL	Api Render Acturl	setParameters3	TRUE	Method setParameters(java.util.Map): For a render URL, private parameters can be set through the map
BaseURL	Api Render Acturl	setParameters4	TRUE	Method setParameters(java.util.Map): For an action URL, action parameters can be set through the map
BaseURL	Api Render Acturl	setParameters5	TRUE	Method setParameters(java.util.Map): For a resource URL, resource parameters can be set through the map
BaseURL	Api Render Acturl	setParameters6	TRUE	Method setParameters(java.util.Map): Previously existing private, action, or resource parameters not contained in the specified input map are removed
BaseURL	Api Render Acturl	setParameters7	TRUE	Method setParameters(java.util.Map): Previously existing public parameters not contained in the specified input map remain unchanged
BaseURL	Api Render Acturl	setParameters8	TRUE	Method setParameters(java.util.Map): Parameters that are set are available in requests initiated through the URL
BaseURL	Api Render Acturl	setParameters9	TRUE	Method setParameters(java.util.Map): Throws IllegalArgumentException if the input map is null
BaseURL	Api Render Acturl	setParameters10	TRUE	Method setParameters(java.util.Map): Throws IllegalArgumentException if any key in the map is null
BaseURL	Api Render Acturl	setParameters11	TRUE	Method setParameters(java.util.Map): Throws IllegalArgumentException if any key in the map is the empty string ("")
BaseURL	Api Render Acturl	setParameters12	TRUE	Method setParameters(java.util.Map): Throws IllegalArgumentException if the values array for any key is null
BaseURL	Api Render Acturl	setParameters13	TRUE	Method setParameters(java.util.Map): Throws IllegalArgumentException if any element in any values array is null
BaseURL	Api Render Acturl	setParameters14	TRUE	Method setParameters(java.util.Map): Throws IllegalStateException if the method is invoked after the sendRedirect method has been called
BaseURL	Api Render Acturl	setSecure2	TRUE	Method setSecure(boolean): If the input parameter is true, the resulting URL uses a secure connection (HTTPS)
BaseURL	Api Render Acturl	setSecure3	TRUE	Method setSecure(boolean): If the input parameter is false, the resulting URL can use either a secure or non-secure connection
BaseURL	Api Render Acturl	setSecure4	TRUE	Method setSecure(boolean): Throws a PortletSecurityException if the runtime environment does not support the setting

## JSR 362 Assertions

BaseURL	Api Render Acturl	toString	TRUE	Method toString(): Returns a String containing the portlet URL representation to be included in the markup
BaseURL	Api Render Acturl	getParameterMap1	TRUE	Method getParameterMap(): Returns an java.util.Map<java.lang.String,java.lang.String[]> object for the parameter names and values if parameters are available
BaseURL	Api Render Acturl	getParameterMap2	TRUE	Method getParameterMap(): For a render URL, the returned map contains all public and private parameters for the request
BaseURL	Api Render Acturl	getParameterMap3	TRUE	Method getParameterMap(): For an action URL, the returned map contains all action parameters for the request
BaseURL	Api Render Acturl	getParameterMap4	TRUE	Method getParameterMap(): For a resource URL, the returned map contains all resource parameters for the request
BaseURL	Api Render Acturl	getParameterMap5	TRUE	Method getParameterMap(): For a resource URL, the returned map does not contain any render parameters for the request
BaseURL	Api Render Acturl	getParameterMap6	TRUE	Method getParameterMap(): Returns an empty map if no parameters exist
BaseURL	Api Render Acturl	writeA1	TRUE	Method write(): Writes the URL to the output stream through the provided Writer
BaseURL	Api Render Acturl	writeA2	TRUE	Method write(): The written URL is XML escaped (although it may be a token rather than a valid URL)
BaseURL	Api Render Acturl	writeA3	FALSE	Method write(): Throws IOException if an I/O error occurs
BaseURL	Api Render Acturl	writeB1	TRUE	Method write(): Writes the URL to the output stream through the provided Writer
BaseURL	Api Render Acturl	writeB2	TRUE	Method write(): If the escapeXML parameter is true, the written URL is XML escaped (although it may be a token rather than a valid URL)
BaseURL	Api Render Acturl	writeB3	TRUE	Method write(): If the escapeXML parameter is false, no escaping is performed
BaseURL	Api Render Acturl	writeB4	FALSE	Method write(): Throws IOException if an I/O error occurs
BaseURL	Api Render Acturl	addProperty1	TRUE	Method addProperty(String, String): Adds a property value to an existing key
BaseURL	Api Render Acturl	addProperty2	TRUE	Method addProperty(String, String): Existing property values for the key are retained
BaseURL	Api Render Acturl	addProperty3	TRUE	Method addProperty(String, String): Throws IllegalArgumentException if the specified key is null
BaseURL	Api Render Acturl	setProperty1	TRUE	Method setProperty(String, String): Sets a property value for the specified key
BaseURL	Api Render Acturl	setProperty2	TRUE	Method setProperty(String, String): Resets any existing property values for the specified key
BaseURL	Api Render Acturl	setProperty3	TRUE	Method setProperty(String, String): Throws IllegalArgumentException if the specified key is null
BaseURL	Api Render Resurl	setParameterA1	TRUE	Method setParameter(String, String): Sets the parameter value for the specified name

## JSR 362 Assertions

BaseURL	Api Render Resurl	setParameterA2	TRUE	Method setParameter(String, String): For a render URL, a private parameter can be set
BaseURL	Api Render Resurl	setParameterA3	TRUE	Method setParameter(String, String): For a render URL, a public parameter can be set
BaseURL	Api Render Resurl	setParameterA4	TRUE	Method setParameter(String, String): For an action URL, an action parameter can be set
BaseURL	Api Render Resurl	setParameterA5	TRUE	Method setParameter(String, String): For a resource URL, a resource parameter can be set
BaseURL	Api Render Resurl	setParameterA6	TRUE	Method setParameter(String, String): All previously existing values for the specified key are removed
BaseURL	Api Render Resurl	setParameterA7	TRUE	Method setParameter(String, String): If the value is null, all values for the specified key are removed
BaseURL	Api Render Resurl	setParameterA8	TRUE	Method setParameter(String, String): Throws IllegalArgumentException if the name is null
BaseURL	Api Render Resurl	setParameterB1	TRUE	Method setParameter(String, String[]): Sets the parameter value array for the specified name
BaseURL	Api Render Resurl	setParameterB2	TRUE	Method setParameter(String, String[]): For a render URL, a private parameter can be set
BaseURL	Api Render Resurl	setParameterB3	TRUE	Method setParameter(String, String[]): For a render URL, a public parameter can be set
BaseURL	Api Render Resurl	setParameterB4	TRUE	Method setParameter(String, String[]): For an action URL, an action parameter can be set
BaseURL	Api Render Resurl	setParameterB5	TRUE	Method setParameter(String, String[]): For a resource URL, a resource parameter can be set
BaseURL	Api Render Resurl	setParameterB6	TRUE	Method setParameter(String, String[]): All previously existing values for the specified key are removed
BaseURL	Api Render Resurl	setParameterB7	TRUE	Method setParameter(String, String[]): If the value is null, all values for the specified key are removed
BaseURL	Api Render Resurl	setParameterB8	TRUE	Method setParameter(String, String[]): Throws IllegalArgumentException if the name is null
BaseURL	Api Render Resurl	setParameterers1	TRUE	Method setParameters(java.util.Map): Sets the parameter map to the specified value
BaseURL	Api Render Resurl	setParameterers2	TRUE	Method setParameters(java.util.Map): For a render URL, public parameters can be set through the map
BaseURL	Api Render Resurl	setParameterers3	TRUE	Method setParameters(java.util.Map): For a render URL, private parameters can be set through the map
BaseURL	Api Render Resurl	setParameterers4	TRUE	Method setParameters(java.util.Map): For an action URL, action parameters can be set through the map
BaseURL	Api Render Resurl	setParameterers5	TRUE	Method setParameters(java.util.Map): For a resource URL, resource parameters can be set through the map

## JSR 362 Assertions

BaseURL	Api Render Resurl	setParameters6	TRUE	Method setParameters(java.util.Map): Previously existing private, action, or resource parameters not contained in the specified input map are removed
BaseURL	Api Render Resurl	setParameters7	TRUE	Method setParameters(java.util.Map): Previously existing public parameters not contained in the specified input map remain unchanged
BaseURL	Api Render Resurl	setParameters8	TRUE	Method setParameters(java.util.Map): Parameters that are set are available in requests initiated through the URL
BaseURL	Api Render Resurl	setParameters9	TRUE	Method setParameters(java.util.Map): Throws IllegalArgumentException if the input map is null
BaseURL	Api Render Resurl	setParameters10	TRUE	Method setParameters(java.util.Map): Throws IllegalArgumentException if any key in the map is null
BaseURL	Api Render Resurl	setParameters11	TRUE	Method setParameters(java.util.Map): Throws IllegalArgumentException if any key in the map is the empty string ("")
BaseURL	Api Render Resurl	setParameters12	TRUE	Method setParameters(java.util.Map): Throws IllegalArgumentException if the values array for any key is null
BaseURL	Api Render Resurl	setParameters13	TRUE	Method setParameters(java.util.Map): Throws IllegalArgumentException if any element in any values array is null
BaseURL	Api Render Resurl	setParameters14	TRUE	Method setParameters(java.util.Map): Throws IllegalStateException if the method is invoked after the sendRedirect method has been called
BaseURL	Api Render Resurl	setSecure2	TRUE	Method setSecure(boolean): If the input parameter is true, the resulting URL uses a secure connection (HTTPS)
BaseURL	Api Render Resurl	setSecure3	TRUE	Method setSecure(boolean): If the input parameter is false, the resulting URL can use either a secure or non-secure connection
BaseURL	Api Render Resurl	setSecure4	TRUE	Method setSecure(boolean): Throws a PortletSecurityException if the runtime environment does not support the setting
BaseURL	Api Render Resurl	toString	TRUE	Method toString(): Returns a String containing the portlet URL representation to be included in the markup
BaseURL	Api Render Resurl	getParameterMap1	TRUE	Method getParameterMap(): Returns an java.util.Map<java.lang.String,java.lang.String[]> object for the parameter names and values if parameters are available
BaseURL	Api Render Resurl	getParameterMap2	TRUE	Method getParameterMap(): For a render URL, the returned map contains all public and private parameters for the request
BaseURL	Api Render Resurl	getParameterMap3	TRUE	Method getParameterMap(): For an action URL, the returned map contains all action parameters for the request
BaseURL	Api Render Resurl	getParameterMap4	TRUE	Method getParameterMap(): For a resource URL, the returned map contains all resource parameters for the request
BaseURL	Api Render Resurl	getParameterMap5	TRUE	Method getParameterMap(): For a resource URL, the returned map does not contain any render parameters for the request
BaseURL	Api Render Resurl	getParameterMap6	TRUE	Method getParameterMap(): Returns an empty map if no parameters exist
BaseURL	Api Render Resurl	writeA1	TRUE	Method write(): Writes the URL to the output stream through the provided Writer

## JSR 362 Assertions

BaseUrl	Api Render Resurl	writeA2	TRUE	Method write(): The written URL is XML escaped (although it may be a token rather than a valid URL)
BaseUrl	Api Render Resurl	writeA3	FALSE	Method write(): Throws IOException if an I/O error occurs
BaseUrl	Api Render Resurl	writeB1	TRUE	Method write(): Writes the URL to the output stream through the provided Writer
BaseUrl	Api Render Resurl	writeB2	TRUE	Method write(): If the escapeXML parameter is true, the written URL is XML escaped (although it may be a token rather than a valid URL)
BaseUrl	Api Render Resurl	writeB3	TRUE	Method write(): If the escapeXML parameter is false, no escaping is performed
BaseUrl	Api Render Resurl	writeB4	FALSE	Method write(): Throws IOException if an I/O error occurs
BaseUrl	Api Render Resurl	addProperty1	TRUE	Method addProperty(String, String): Adds a property value to an existing key
BaseUrl	Api Render Resurl	addProperty2	TRUE	Method addProperty(String, String): Existing property values for the key are retained
BaseUrl	Api Render Resurl	addProperty3	TRUE	Method addProperty(String, String): Throws IllegalArgumentException if the specified key is null
BaseUrl	Api Render Resurl	setProperty1	TRUE	Method setProperty(String, String): Sets a property value for the specified key
BaseUrl	Api Render Resurl	setProperty2	TRUE	Method setProperty(String, String): Resets any existing property values for the specified key
BaseUrl	Api Render Resurl	setProperty3	TRUE	Method setProperty(String, String): Throws IllegalArgumentException if the specified key is null
PortletURL	Api Render Renurl	setWindowState1	TRUE	Method setWindowState(WindowState): Sets the WindowState to be used when the URL is activated
PortletURL	Api Render Renurl	setWindowState2	TRUE	Method setWindowState(WindowState): Throws WindowStateException if the portal does not support the specified Window State
PortletURL	Api Render Renurl	setWindowState3	TRUE	Method setWindowState(WindowState): Throws WindowStateException if the specified WindowState is not declared in the deployment descriptor
PortletURL	Api Render Renurl	setWindowState4	TRUE	Method setWindowState(WindowState): Throws WindowStateException if the user is not allowed to switch to the specified WindowState
PortletURL	Api Render Renurl	setPortletMode1	TRUE	Method setPortletMode(PortletMode): Sets the PortletMode to be used when the URL is activated
PortletURL	Api Render Renurl	setPortletMode2	TRUE	Method setPortletMode(PortletMode): Throws PortletModeException if the portal does not support the specified Window State
PortletURL	Api Render Renurl	setPortletMode3	TRUE	Method setPortletMode(PortletMode): Throws PortletModeException if the specified PortletMode is not declared in the deployment descriptor
PortletURL	Api Render Renurl	setPortletMode4	TRUE	Method setPortletMode(PortletMode): Throws PortletModeException if the user is not allowed to switch to the specified PortletMode
PortletURL	Api Render Renurl	getPortletMode1	TRUE	Method getPortletMode(): Returns the PortletMode object set on the URL
PortletURL	Api Render Renurl	getPortletMode2	TRUE	Method getPortletMode(): Returns null if the PortletMode has not been set
PortletURL	Api Render Renurl	getWindowState1	TRUE	Method getWindowState(): Returns the WindowState object set on the URL

## JSR 362 Assertions

PortletURL	Api Render Renurl	getWindowState2	TRUE	Method getWindowState(): Returns null if the Window State has not been set
PortletURL	Api Render Renurl	removePublicRenderParameter1	TRUE	Method removePublicRenderParameter(String): Removes the specified public render parameter
PortletURL	Api Render Renurl	removePublicRenderParameter2	TRUE	Method removePublicRenderParameter(String): Throws IllegalArgumentException if the name is null
PortletURL	Api Render Acturl	setWindowState1	TRUE	Method setWindowState(WindowState): Sets the WindowState to be used when the URL is activated
PortletURL	Api Render Acturl	setWindowState2	TRUE	Method setWindowState(WindowState): Throws WindowStateException if the portal does not support the specified Window State
PortletURL	Api Render Acturl	setWindowState3	TRUE	Method setWindowState(WindowState): Throws WindowStateException if the specified WindowState is not declared in the deployment descriptor
PortletURL	Api Render Acturl	setWindowState4	TRUE	Method setWindowState(WindowState): Throws WindowStateException if the user is not allowed to switch to the specified WindowState
PortletURL	Api Render Acturl	setPortletMode1	TRUE	Method setPortletMode(PortletMode): Sets the PortletMode to be used when the URL is activated
PortletURL	Api Render Acturl	setPortletMode2	TRUE	Method setPortletMode(PortletMode): Throws PortletModeException if the portal does not support the specified Window State
PortletURL	Api Render Acturl	setPortletMode3	TRUE	Method setPortletMode(PortletMode): Throws PortletModeException if the specified PortletMode is not declared in the deployment descriptor
PortletURL	Api Render Acturl	setPortletMode4	TRUE	Method setPortletMode(PortletMode): Throws PortletModeException if the user is not allowed to switch to the specified PortletMode
PortletURL	Api Render Acturl	getPortletMode1	TRUE	Method getPortletMode(): Returns the PortletMode object set on the URL
PortletURL	Api Render Acturl	getPortletMode2	TRUE	Method getPortletMode(): Returns null if the PortletMode has not been set
PortletURL	Api Render Acturl	getWindowState1	TRUE	Method getWindowState(): Returns the WindowState object set on the URL
PortletURL	Api Render Acturl	getWindowState2	TRUE	Method getWindowState(): Returns null if the Window State has not been set
PortletURL	Api Render Acturl	removePublicRenderParameter1	TRUE	Method removePublicRenderParameter(String): Removes the specified public render parameter
PortletURL	Api Render Acturl	removePublicRenderParameter2	TRUE	Method removePublicRenderParameter(String): Throws IllegalArgumentException if the name is null
ResourceURL	Api Render Resurl	fieldFULL	TRUE	Has String field FULL with value of "cacheLevelFull"
ResourceURL	Api Render Resurl	fieldPAGE	TRUE	Has String field PAGE with value of "cacheLevelPage"
ResourceURL	Api Render Resurl	fieldPORTLET	TRUE	Has String field PORTLET with value of "cacheLevelPortlet"
ResourceURL	Api Render Resurl	fieldSHARED	TRUE	Has String field SHARED with value of "javax.portlet.shared"
ResourceURL	Api Render Resurl	implementsBaseURL2	TRUE	Method implementsBaseUR(): All tests described for the BaseURL execute correctly with the ResourceURL
ResourceURL	Api Render Resurl	setResourceID	TRUE	Method setResourceID(String): Sets the specified String as the portlet resource ID
ResourceURL	Api Render Resurl	getCacheability	TRUE	Method getCacheability(): Returns a String containing the cacheability level set on the resource URL
ResourceURL	Api Render Resurl	setCacheability1	TRUE	Method setCacheability(String): Sets the cacheability level for the resource URL

## JSR 362 Assertions

ResourceURL	Api Render Resurl	setCacheability2	TRUE	Method setCacheability(String): Throws IllegalArgumentException if the input parameter does not have a value of "FULL", "PAGE", or "PORTLET"
ResourceURL	Api Render Resurl	setCacheability3	TRUE	Method setCacheability(String): Throws IllegalStateException if the specified cacheability level is weaker than the cacheability level for the parent resource URL
PortletURLGenerationListener	Api Render	configuration	TRUE	A PortletURLGenerationListener can be configured in the portlet deployment descriptor
PortletURLGenerationListener	Api Render	filterActionURL1	TRUE	Method filterActionURL(PortletURL): The filterActionURL(PortletURL): method is called before the toString or write methods are executed on an action URL
PortletURLGenerationListener	Api Render	filterActionURL2	TRUE	Method filterActionURL(PortletURL): The filterActionURL method is passed the PortletURL object representing the action URL
PortletURLGenerationListener	Api Render	filterActionURL3	TRUE	Method filterActionURL(PortletURL): The input action URL object can be modified by setting a parameter and the modified URL object is processed by the PortletURL toString or write method
PortletURLGenerationListener	Api Render	filterActionURL4	TRUE	Method filterActionURL(PortletURL): The input action URL object can be modified by setting a property and the modified URL object is processed by the PortletURL toString or write method
PortletURLGenerationListener	Api Render	filterRenderURL5	TRUE	Method filterRenderURL(PortletURL): The filterRenderURL(PortletURL): method is called before the toString or write methods are executed on an action URL
PortletURLGenerationListener	Api Render	filterRenderURL6	TRUE	Method filterRenderURL(PortletURL): The filterRenderURL method is passed the PortletURL object representing the action URL
PortletURLGenerationListener	Api Render	filterRenderURL7	TRUE	Method filterRenderURL(PortletURL): The input action URL object can be modified by setting a parameter and the modified URL object is processed by the PortletURL toString or write method
PortletURLGenerationListener	Api Render	filterRenderURL8	TRUE	Method filterRenderURL(PortletURL): The input action URL object can be modified by setting a property and the modified URL object is processed by the PortletURL toString or write method
PortletURLGenerationListener	Api Render	filterResourceURL1	TRUE	Method filterResourceURL(ResourceURL): The filterResourceURL(PortletURL): method is called before the toString or write methods are executed on an action URL
PortletURLGenerationListener	Api Render	filterResourceURL2	TRUE	Method filterResourceURL(ResourceURL): The filterResourceURL method is passed the PortletURL object representing the action URL
PortletURLGenerationListener	Api Render	filterResourceURL3	TRUE	Method filterResourceURL(ResourceURL): The input action URL object can be modified by setting a parameter and the modified URL object is processed by the PortletURL toString or write method
PortletURLGenerationListener	Api Render	filterResourceURL4	TRUE	Method filterResourceURL(ResourceURL): The input action URL object can be modified by setting a property and the modified URL object is processed by the PortletURL toString or write method

## JSR 362 Assertions

PortletURLGenerationListener	Api Render	filterResourceURL5	TRUE	Method filterResourceURL(ResourceURL): The input action URL object can be modified by setting the resource ID and the modified URL object is processed by the PortletURL toString or write method
<b>Exception Tests</b>				
PortletModeException	Api Render	hasGetMode2	TRUE	Returns the PortletMode object causing this exception
UnavailableException	Api Render	isPermanent1	TRUE	Method isPermanent(): Returns a boolean
UnavailableException	Api Render	isPermanent2	TRUE	Method isPermanent(): Returns true if the portlet is permanently unavailable
UnavailableException	Api Render	isPermanent3	TRUE	Method isPermanent(): Returns false if the portlet is temporarily unavailable
UnavailableException	Api Render	getUnavailableSeconds1	TRUE	Method getUnavailableSeconds(): Returns an integer
UnavailableException	Api Render	getUnavailableSeconds2	TRUE	Method getUnavailableSeconds(): Returns a number <= 0 if the portlet is permanently unavailable
ValidatorException	Api Render	constructor2	TRUE	For ValidatorException(java.lang.String, java.util.Collection<java.lang.String>), the failedKeys parameter may be null
ValidatorException	Api Render	constructor4	TRUE	For ValidatorException(java.lang.String, java.lang.Throwable, java.util.Collection<java.lang.String>), the failedKeys parameter may be null
ValidatorException	Api Render	constructor6	TRUE	For ValidatorException(java.lang.Throwable, java.util.Collection<java.lang.String>), the failedKeys parameter may be null
ValidatorException	Api Render	getFailedKeys1	TRUE	Method getFailedKeys(): Returns a java.util.Enumeration<java.lang.String> object containing the preference keys that failed validation
ValidatorException	Api Render	getFailedKeys2	TRUE	Method getFailedKeys(): Returns an empty enumeration if no failed keys are available
WindowStateException	Api Render	getState	TRUE	Method getState(): Returns the WindowState object causing this exception
<b>Annotation Tests</b>				
ProcessAction	Api Action	name	TRUE	Method name(): On an action request, the method is executed if the parameter "javax.portlet.action" matches the name field
ProcessEvent	Api Event	qname	TRUE	Method qname(): On an event request, the method is executed if the Event qname matches the qname field
ProcessEvent	Api Event	name	TRUE	Method name(): On an event request, the method is executed if the Event name matches the name field
RenderMode	Api Render	name	TRUE	Method name(): On a render request, the method is executed if the portlet mode matches the name field

## JSR 362 Assertions

<b>Portlet Tests</b>				
PortletConfig	Api Render	getPortletName	TRUE	Method getPortletName(): Returns a String containing the portlet name
PortletConfig	Api Render	getPortletContext	TRUE	Method getPortletContext(): Returns the PortletContext object associated with the portlet
PortletConfig	Api Render	getResourceBundle	TRUE	Method getResourceBundle(Locale): Returns the ResourceBundle for the specified locale
PortletConfig	Api Render	getInitParameter1	TRUE	Method getInitParameter(String): Returns a String containing the initialization parameter value for the given name
PortletConfig	Api Render	getInitParameter3	TRUE	Method getInitParameter(String): Throws IllegalArgumentException if the name parameter is null
PortletConfig	Api Render	getInitParameterNames1	TRUE	Method getInitParameterNames(): Returns an java.util.Enumeration<java.lang.String> containing the names of the initialization parameters
PortletConfig	Api Render	getPublicRenderParameterNames1	TRUE	Method getPublicRenderParameterNames(): Returns an java.util.Enumeration<java.lang.String> containing the names of the public render parameters
PortletConfig	Api Render	getDefaultNamespace1	TRUE	Method getDefaultNamespace(): Returns a String containing the default namespace for events and public render parameters as defined in the deployment descriptor
PortletConfig	Api Render	getPublishingEventQNames1	TRUE	Method getPublishingEventQNames(): Returns an java.util.Enumeration<java.lang.String> containing the publishing event qnames as defined in the deployment descriptor
PortletConfig	Api Render	getProcessingEventQNames1	TRUE	Method getProcessingEventQNames(): Returns an java.util.Enumeration<java.lang.String> containing the processing event qnames as defined in the deployment descriptor
PortletConfig	Api Render	getSupportedLocales1	TRUE	Method getSupportedLocales(): Returns an java.util.Enumeration<java.lang.String> containing the names of the supported locales as defined in the deployment descriptor
PortletConfig	Api Render	getContainerRuntimeOptions1	TRUE	Method getContainerRuntimeOptions(): Returns an java.util.Map<java.lang.String,java.lang.String[]> object containing the container runtime options as defined in the deployment descriptor
PortletConfig	Api Render	getContainerRuntimeOptions2	TRUE	Method getContainerRuntimeOptions(): If the same option is defined at the portlet application and at the portlet level, the definition at the portlet level takes precedence
PortletConfig	Api Render	getContainerRuntimeOptions3	TRUE	Method getContainerRuntimeOptions(): If the portlet container does not support a runtime option defined in the portlet descriptor, that option will not be returned in this map
PortletConfig	Api Render	getContainerRuntimeOptions4	TRUE	Method getContainerRuntimeOptions(): Returns an empty map if no container runtime options have been defined
PortletConfig	Api Render 2	getInitParameter2	TRUE	Method getInitParameter(String): Returns null if the specified initialization parameter does not exist

## JSR 362 Assertions

PortletConfig	Api Render 2	getInitParameterNames2	TRUE	Method getInitParameterNames(): Returns an empty Enumeration if there are no initialization parameters available
PortletConfig	Api Render 2	getPublicRenderParameterNames2	TRUE	Method getPublicRenderParameterNames(): Returns an empty Enumeration if there are no public render parameters are defined
PortletConfig	Api Render 2	getDefaultNamespace2	TRUE	Method getDefaultNamespace(): Returns XMLConstants.NULL_NS_URI if no default namespace is defined in the deployment descriptor
PortletConfig	Api Render 2	getPublishingEventQNames2	TRUE	Method getPublishingEventQNames(): Returns an empty Enumeration if there are no processing events are defined
PortletConfig	Api Render 2	getProcessingEventQNames2	TRUE	Method getProcessingEventQNames(): Returns an empty Enumeration if there are no processing events are defined
PortletConfig	Api Render 2	getSupportedLocales2	TRUE	Method getSupportedLocales(): Returns an empty Enumeration if there are no supported locales are defined
PortletMode	Api Render	constructor1	TRUE	The constructor PortletMode(java.lang.String): allows a PortletMode object of the specified name to be constructed
PortletMode	Api Render	constructor2	TRUE	The constructor PortletMode(java.lang.String): converts any upper case letters in the name parameter to lower case
PortletMode	Api Render	fieldEDIT	TRUE	Has PortletMode field EDIT with value of PortletMode.EDIT
PortletMode	Api Render	fieldHELP	TRUE	Has PortletMode field HELP with value of PortletMode.HELP
PortletMode	Api Render	fieldVIEW	TRUE	Has PortletMode field VIEW with value of PortletMode.VIEW
PortletMode	Api Render	toString	TRUE	Method toString(): Returns a String representation of the portlet mode
PortletMode	Api Render	hashCode	TRUE	Method hashCode(): Returns an int containing the has code for the portlet mode
PortletMode	Api Render	equals	TRUE	Method equals(): Returns true if the PortletMode equals the specified PortletMode
WindowState	Api Render	constructor1	TRUE	The constructor WindowState(java.lang.String): allows a WindowState object of the specified name to be constructed
WindowState	Api Render	constructor2	TRUE	The constructor WindowState(java.lang.String): converts any upper case letters in the name parameter to lower case
WindowState	Api Render	fieldMAXIMIZED	TRUE	Has WindowState field MAXIMIZED with value of WindowState.MAXIMIZED
WindowState	Api Render	fieldMINIMIZED	TRUE	Has WindowState field MINIMIZED with value of WindowState.MINIMIZED
WindowState	Api Render	fieldNORMAL	TRUE	Has WindowState field NORMAL with value of WindowState.NORMAL
WindowState	Api Render	toString	TRUE	Method toString(): Returns a String representation of the portlet mode
WindowState	Api Render	hashCode	TRUE	Method hashCode(): Returns an int containing the has code for the portlet mode
WindowState	Api Render	equals	TRUE	Method equals(): Returns true if the WindowState equals the specified WindowState
Portlet	Api Render	init1	TRUE	Method init(PortletConfig): is called for the portlet defined in the deployment descriptor
Portlet	Api Render	init2	TRUE	Method init(PortletConfig): If the init method throws a PortletException, the portlet will not be placed in service

## JSR 362 Assertions

Portlet	Api Render	render1	TRUE	Method render(RenderRequest, RenderResponse): is called when the portlet is to be rendered
Portlet	Api Render	render2	TRUE	Method render(RenderRequest, RenderResponse): is called when a Render URL for the portlet is triggered
Portlet	Api Render	destroy	FALSE	Method destroy(): is called when the portlet is to be taken out of service
Portlet	Api Action	processAction	TRUE	Method processAction(ActionRequest, ActionResponse): is called when an action URL for the portlet is triggered
Event	Api Event	getQName1	TRUE	Method getQName(): Returns the javax.xml.namespace.QName object for the Event
Event	Api Event	getQName2	TRUE	Method getQName(): Returned value may not be null
Event	Api Event	getName1	TRUE	Method getName(): Returns a String containing the event local name
Event	Api Event	getName2	TRUE	Method getName(): Returned value may not be null
Event	Api Event	getValue1	TRUE	Method getValue(String, String): Returns a java.io.Serializable object representing the event payload
Event	Api Event	getValue2	TRUE	Method getValue(String, String): Returned value is null if the event has no payload
EventPortlet	Api Event	processEvent	TRUE	Method processEvent(EventRequest, EventResponse): is called when an event is targeted to the portlet
ResourceServingPortlet	Api Resource	serveResource	TRUE	Method serveResource(ResourceRequest, ResourceResponse): is called to allow the portlet to generate resource content
GenericPortlet	Api Render	initA	TRUE	Method init(): Called when the portlet is initialized
GenericPortlet	Api Render	initB	TRUE	Method init(PortletConfig): Called when the portlet is initialized
GenericPortlet	Api Render	processAction1	TRUE	Method processAction(ActionRequest, ActionResponse): If overridden, the Portlet.processAction tests execute correctly
GenericPortlet	Api Render	processAction2	TRUE	Method processAction(ActionRequest, ActionResponse): Dispatches to @ProcessAction annotated method matching the ActionRequest.ACTION_NAME parameter
GenericPortlet	Api Render	processAction3	TRUE	Method processAction(ActionRequest, ActionResponse): Throws PortletException if no matching @ProcessAction annotated method found
GenericPortlet	Api Render	render1	TRUE	Method render(RenderRequest, RenderResponse): If overridden, Portlet.render tests execute correctly
GenericPortlet	Api Render	render2	TRUE	Method render(RenderRequest, RenderResponse): If RENDER_PART=null, Calls the doHeaders(RenderRequest, RenderResponse): method
GenericPortlet	Api Render	render3	TRUE	Method render(RenderRequest, RenderResponse): If RENDER_PART=null, Sets the title on RenderResponse with the value returned by the getTitle(RenderRequest): method
GenericPortlet	Api Render	render4	TRUE	Method render(RenderRequest, RenderResponse): If RENDER_PART=null, Retrieves the next possible portlet modes from the PortletConfig and sets them on the RenderResponse
GenericPortlet	Api Render	render5	TRUE	Method render(RenderRequest, RenderResponse): If RENDER_PART=null, Calls the DoDispatch(RenderRequest, RenderResponse): method

## JSR 362 Assertions

GenericPortlet	Api Render	render6	TRUE	Method render(RenderRequest, RenderResponse): If RENDER_PART=RENDER_HEADERS, Calls the doHeaders(RenderRequest, RenderResponse): method
GenericPortlet	Api Render	render7	TRUE	Method render(RenderRequest, RenderResponse): If RENDER_PART=RENDER_HEADERS, Sets the title on RenderResponse with the value returned by the getTitle(RenderRequest): method
GenericPortlet	Api Render	render8	TRUE	Method render(RenderRequest, RenderResponse): If RENDER_PART=RENDER_HEADERS, Retrieves the next possible portlet modes from the PortletConfig and sets them on the RenderResponse
GenericPortlet	Api Render	render9	TRUE	Method render(RenderRequest, RenderResponse): If RENDER_PART=RENDER_MARKUP, Calls the DoDispatch(RenderRequest, RenderResponse): method
GenericPortlet	Api Render	render10	TRUE	Method render(RenderRequest, RenderResponse): If RENDER_PART=<any other value>, throws PortletException
GenericPortlet	Api Render	getTitle1	TRUE	Method getTitle(): If overridden, the String returned by this method is used as the portlet title
GenericPortlet	Api Render	getTitle2	TRUE	Method getTitle(): Returns a String containing the title from the portlet resource bundle under the key "javax.portlet.title"
GenericPortlet	Api Render	getTitle3	TRUE	Method getTitle(): Returns null if no title is available from the portlet resource bundle
GenericPortlet	Api Render	doDispatch1	TRUE	Method doDispatch(RenderRequest, RenderResponse): If overridden, is called when markup is to be generated
GenericPortlet	Api Render	doDispatch2	TRUE	Method doDispatch(RenderRequest, RenderResponse): If not overridden, If the WindowState is minimized, no markup method is called and no markup is generated
GenericPortlet	Api Render	doDispatch3	TRUE	Method doDispatch(RenderRequest, RenderResponse): If not overridden and not minimized, the @RenderMode annotated method matching the current PortletMode is called
GenericPortlet	Api Render	doDispatch4	TRUE	Method doDispatch(RenderRequest, RenderResponse): If not overridden, not minimized, and no annotated method is found, if the current render mode is "view", the doView(RenderRequest, RenderResponse): method is called
GenericPortlet	Api Render	doDispatch5	TRUE	Method doDispatch(RenderRequest, RenderResponse): If not overridden, not minimized, and no annotated method is found, if the current render mode is "edit", the doEdit(RenderRequest, RenderResponse): method is called
GenericPortlet	Api Render	doDispatch6	TRUE	Method doDispatch(RenderRequest, RenderResponse): If not overridden, not minimized, and no annotated method is found, if the current render mode is "help", the doHelp(RenderRequest, RenderResponse): method is called
GenericPortlet	Api Render	doDispatch7	TRUE	Method doDispatch(RenderRequest, RenderResponse): If not overridden not minimized, no annotated method is found, ant the mode is not "view", "edit", or "help", throws a PortletException
GenericPortlet	Api Render	doView1	TRUE	Method doView(RenderRequest, RenderResponse): If overridden, is called when a render request in view mode occurs

## JSR 362 Assertions

GenericPortlet	Api Render	doView2	TRUE	Method doView(RenderRequest, RenderResponse): If not overridden, throws a PortletException
GenericPortlet	Api Render	doEdit1	TRUE	Method doEdit(RenderRequest, RenderResponse): If overridden, is called when a render request in edit mode occurs
GenericPortlet	Api Render	doEdit2	TRUE	Method doEdit(RenderRequest, RenderResponse): If not overridden, throws a PortletException
GenericPortlet	Api Render	doHelp1	TRUE	Method doHelp(RenderRequest, RenderResponse): If overridden, is called when a render request in help mode occurs
GenericPortlet	Api Render	doHelp2	TRUE	Method doHelp(RenderRequest, RenderResponse): If not overridden, throws a PortletException
GenericPortlet	Api Render	getPortletConfig	TRUE	Method getPortletConfig(): Returns the PortletConfig object for the portlet
GenericPortlet	Api Render	destroy	TRUE	Method destroy(): Called by the portlet container to indicate to a portlet that the portlet is being taken out of service.
GenericPortlet	Api Render	serveResource1	TRUE	Method serveResource(ResourceRequest, ResourceResponse): Is called when a ResourceURL targeting the portlet is triggered
GenericPortlet	Api Render	serveResource2	TRUE	Method serveResource(ResourceRequest, ResourceResponse): Forwards the request to the ResourceID value if the method is not overridden and if the resource ID is not null
GenericPortlet	Api Render	serveResource3	TRUE	Method serveResource(ResourceRequest, ResourceResponse): Does nothing if the method is not overridden and if the resource ID is null
GenericPortlet	Api Render	processEvent1	TRUE	Method processEvent(EventRequest, EventResponse): Is called when an Event targeting the portlet occurs
GenericPortlet	Api Render	processEvent2	TRUE	Method processEvent(EventRequest, EventResponse): The @ProcessEvent annotated method matching the current Event is called
GenericPortlet	Api Render	processEvent3	TRUE	Method processEvent(EventRequest, EventResponse): If there is no matching annotated method, sets the render parameters on the EventResponse to equal the EventRequest parameters
GenericPortlet	Api Render	doHeaders1	TRUE	Method doHeaders(RenderRequest, RenderResponse): Is called during generic portlet render request processing
GenericPortlet	Api Render	doHeaders2	TRUE	Method doHeaders(RenderRequest, RenderResponse): The default implementation does nothing
GenericPortlet	Api Render	getNextPossiblePortletModes1	TRUE	Method getNextPossiblePortletModes(): Is called during generic portlet render request processing
GenericPortlet	Api Render	getNextPossiblePortletModes2	TRUE	Method getNextPossiblePortletModes(): The default implementation returns null
<b>Environment Tests</b>				
CacheControl	Api Render	getExpirationTime1	TRUE	Method getExpirationTime(): Returns the expiration time set through setExpirationTime
CacheControl	Api Render	getExpirationTime2	TRUE	Method getExpirationTime(): Returns the default expiration time from the deployment descriptor if the expiration time has not been set

## JSR 362 Assertions

CacheControl	Api Render	getExpirationTime3	TRUE	Method getExpirationTime(): Returns 0 if the expiration time has not been set and no default is set in the deployment descriptor
CacheControl	Api Render	setExpirationTime1	TRUE	Method setExpirationTime(int): Sets the expiration time for the current response to the specified value
CacheControl	Api Render	setExpirationTime2	TRUE	Method setExpirationTime(int): If the expiration value is set to 0, caching is disabled
CacheControl	Api Render	setExpirationTime3	TRUE	Method setExpirationTime(int): If the expiration value is set to -1, the cache does not expire
CacheControl	Api Render	isPublicScope1	TRUE	Method isPublicScope(): Returns true if the caching scope has been set to public through the setPublicScope method
CacheControl	Api Render	isPublicScope2	TRUE	Method isPublicScope(): Returns true if the caching scope default has not been set with the setPublicScope method, but has been set to public in the deployment descriptor
CacheControl	Api Render	isPublicScope3	TRUE	Method isPublicScope(): Returns false if the caching scope has not been set with the setPublicScope method, but has been set to private through the setPublicScope method
CacheControl	Api Render	isPublicScope5	TRUE	Method isPublicScope(): Returns false if the caching scope has not been set with the setPublicScope method and has not been set in the deployment descriptor
CacheControl	Api Render	setPublicScope1	TRUE	Method setPublicScope(boolean): If the input parameter is true, the cache scope is set to public
CacheControl	Api Render	setPublicScope2	TRUE	Method setPublicScope(boolean): If the input parameter is false, the cache scope is set to non-public
CacheControl	Api Render	getETag1	TRUE	Method getETag(): Returns a String containing the ETag for the current response
CacheControl	Api Render	getETag2	TRUE	Method getETag(): Returns null if no ETag is set on the response
CacheControl	Api Render	setETag1	TRUE	Method setETag(String): Sets an ETag for the current response
CacheControl	Api Render	setETag2	TRUE	Method setETag(String): A previously-set ETag is overwritten
CacheControl	Api Render	setETag3	TRUE	Method setETag(String): Removes the ETag if the input parameter is null
CacheControl	Api Render	useCachedContent1	TRUE	Method useCachedContent(): Returns true if cached content has been set to valid through the setUseCachedContent method
CacheControl	Api Render	useCachedContent2	TRUE	Method useCachedContent(): Returns false if cached content has been set to invalid through the setUseCachedContent method
CacheControl	Api Render	useCachedContent3	TRUE	Method useCachedContent(): Returns false if the use cached content indicator has not been set
CacheControl	Api Render	setUseCachedContent1	TRUE	Method setUseCachedContent(boolean): If set to true, the cached content is valid
CacheControl	Api Render	setUseCachedContent2	TRUE	Method setUseCachedContent(boolean): If set to false, the cached content is invalid
CacheControl	Api Resource	getExpirationTime1	TRUE	Method getExpirationTime(): Returns the expiration time set through setExpirationTime

## JSR 362 Assertions

CacheControl	Api Resource	getExpirationTime2	TRUE	Method getExpirationTime(): Returns the default expiration time from the deployment descriptor if the expiration time has not been set
CacheControl	Api Resource	getExpirationTime3	TRUE	Method getExpirationTime(): Returns 0 if the expiration time has not been set and no default is set in the deployment descriptor
CacheControl	Api Resource	setExpirationTime1	TRUE	Method setExpirationTime(int): Sets the expiration time for the current response to the specified value
CacheControl	Api Resource	setExpirationTime2	TRUE	Method setExpirationTime(int): If the expiration value is set to 0, caching is disabled
CacheControl	Api Resource	setExpirationTime3	TRUE	Method setExpirationTime(int): If the expiration value is set to -1, the cache does not expire
CacheControl	Api Resource	isPublicScope1	TRUE	Method isPublicScope(): Returns true if the caching scope has been set to public through the setPublicScope method
CacheControl	Api Resource	isPublicScope2	TRUE	Method isPublicScope(): Returns true if the caching scope default has not been set with the setPublicScope method, but has been set to public in the deployment descriptor
CacheControl	Api Resource	isPublicScope3	TRUE	Method isPublicScope(): Returns false if the caching scope has not been set with the setPublicScope method, but has been set to private through the setPublicScope method
CacheControl	Api Resource	isPublicScope5	TRUE	Method isPublicScope(): Returns false if the caching scope has not been set with the setPublicScope method and has not been set in the deployment descriptor
CacheControl	Api Resource	setPublicScope1	TRUE	Method setPublicScope(boolean): If the input parameter is true, the cache scope is set to public
CacheControl	Api Resource	setPublicScope2	TRUE	Method setPublicScope(boolean): If the input parameter is false, the cache scope is set to non-public
CacheControl	Api Resource	getETag1	TRUE	Method getETag(): Returns a String containing the ETag for the current response
CacheControl	Api Resource	getETag2	TRUE	Method getETag(): Returns null if no ETag is set on the response
CacheControl	Api Resource	setETag1	TRUE	Method setETag(String): Sets an ETag for the current response
CacheControl	Api Resource	setETag2	TRUE	Method setETag(String): A previously-set ETag is overwritten
CacheControl	Api Resource	setETag3	TRUE	Method setETag(String): Removes the ETag if the input parameter is null
CacheControl	Api Resource	useCachedContent1	TRUE	Method useCachedContent(): Returns true if cached content has been set to valid through the setUseCachedContent method
CacheControl	Api Resource	useCachedContent2	TRUE	Method useCachedContent(): Returns false if cached content has been set to invalid through the setUseCachedContent method
CacheControl	Api Resource	useCachedContent3	TRUE	Method useCachedContent(): Returns false if the use cached content indicator has not been set
CacheControl	Api Resource	setUseCachedContent1	TRUE	Method setUseCachedContent(boolean): If set to true, the cached content is valid
CacheControl	Api Resource	setUseCachedContent2	TRUE	Method setUseCachedContent(boolean): If set to false, the cached content is invalid

## JSR 362 Assertions

PortalContext	Api Render	fieldMARKUP_HEAD_ELEMENT_SUPPORT	TRUE	Has String field MARKUP_HEAD_ELEMENT_SUPPORT with value of "javax.portlet.markup.head.element.support"
PortalContext	Api Render	getProperty1	TRUE	Method getProperty(String): Returns a String containing the value for the specified property
PortalContext	Api Render	getProperty2	TRUE	Method getProperty(String): Returns null if there is no property defined for the specified name
PortalContext	Api Render	getProperty3	TRUE	Method getProperty(String): Throws IllegalArgumentException if the specified name is null
PortalContext	Api Render	getPropertyNames1	TRUE	Method getPropertyNames(): Returns an java.util.Enumeration<java.lang.String> containing all portal property names
PortalContext	Api Render	getPropertyNames2	TRUE	Method getPropertyNames(): Returns an empty Enumeration if there are no portal property names defined
PortalContext	Api Render	getSupportedPortletModes1	TRUE	Method getSupportedPortletModes(): Returns an java.util.Enumeration<PortletMode> containing all supported portlet modes
PortalContext	Api Render	getSupportedPortletModes2	TRUE	Method getSupportedPortletModes(): The Enumeration returned must contain the view mode
PortalContext	Api Render	getSupportedPortletModes3	TRUE	Method getSupportedPortletModes(): The Enumeration returned must contain the edit mode
PortalContext	Api Render	getSupportedPortletModes4	TRUE	Method getSupportedPortletModes(): The Enumeration returned must contain the help mode
PortalContext	Api Render	getSupportedWindowStates1	TRUE	Method getSupportedWindowStates(): Returns an java.util.Enumeration<WindowState> containing all supported window states
PortalContext	Api Render	getSupportedWindowStates2	TRUE	Method getSupportedWindowStates(): The Enumeration returned must contain the maximized state
PortalContext	Api Render	getSupportedWindowStates3	TRUE	Method getSupportedWindowStates(): The Enumeration returned must contain the minimized state
PortalContext	Api Render	getSupportedWindowStates4	TRUE	Method getSupportedWindowStates(): The Enumeration returned must contain the normal state
PortalContext	Api Render	getPortalInfo1	TRUE	Method getPortalInfo(): Returns a String containing information about the portal
PortalContext	Api Render	getPortalInfo2	TRUE	Method getPortalInfo(): The returned string is of the form "([ ^ ]+)/([ ^ ]+)*(.*)", where \$1 is the portal name, \$2 is the version, and \$3 is optional additional information
PortalContext	Api Render	getPortalInfo3	TRUE	Method getPortalInfo(): The returned string contains the portal name
PortalContext	Api Render	getPortalInfo4	TRUE	Method getPortalInfo(): The returned string contains the portal version
PortalContext	Api Render	getPortalInfo5	TRUE	Method getPortalInfo(): The returned string may not be null
PortletContext	Api Render	getServerInfo1	TRUE	Method getServerInfo(): Returns a String containing information about the portlet container

## JSR 362 Assertions

PortletContext	Api Render	getServerInfo2	TRUE	Method getServerInfo(): The returned string is of the form "([ <sup>^</sup> ] +)/([ <sup>^</sup> ] +)*(.*)", where \$1 is the portal name, \$2 is the version, and \$3 is optional additional information
PortletContext	Api Render	getServerInfo3	TRUE	Method getServerInfo(): The returned string contains the container name
PortletContext	Api Render	getServerInfo4	TRUE	Method getServerInfo(): The returned string contains the container version
PortletContext	Api Render	getServerInfo5	TRUE	Method getServerInfo(): The returned string may not be null
PortletContext	Api Render	getRequestDispatcher1	TRUE	Method getRequestDispatcher(String): Returns a PortletRequestDispatcher for the specified path
PortletContext	Api Render	getRequestDispatcher2	TRUE	Method getRequestDispatcher(String): Returns null if the specified path does not begin with "/"
PortletContext	Api Render	getRequestDispatcher3	TRUE	Method getRequestDispatcher(String): Returns null if any other error occurs
PortletContext	Api Render	getNamedDispatcher1	TRUE	Method getNamedDispatcher(String): Returns a PortletRequestDispatcher for the specified servlet name
PortletContext	Api Render	getNamedDispatcher2	TRUE	Method getNamedDispatcher(String): Returns null if an error occurs
PortletContext	Api Render	getResourceAsStream1	TRUE	Method getResourceAsStream(String): Returns a java.io.InputStream for the resource at the specified path
PortletContext	Api Render	getResourceAsStream2	TRUE	Method getResourceAsStream(String): Protected resources can be accessed by prefixing the path with "/WEB-INF/"
PortletContext	Api Render	getResourceAsStream3	TRUE	Method getResourceAsStream(String): Returns null if no resource exists at the specified path
PortletContext	Api Render	getMajorVersion	TRUE	Method getMajorVersion(): Returns the major version of the portlet API supported by the container
PortletContext	Api Render	getMinorVersion	TRUE	Method getMinorVersion(): Returns the minor version of the portlet API supported by the container
PortletContext	Api Render	getMimeType1	TRUE	Method getMimeType(String): Returns a String containing the MIME type of the specified file name
PortletContext	Api Render	getMimeType2	TRUE	Method getMimeType(String): Returns "text/html" for an HTML file with the appropriate <mime-mapping> element in web.xml
PortletContext	Api Render	getMimeType3	TRUE	Method getMimeType(String): Returns "image/gif" for an image file with the appropriate <mime-mapping> element in web.xml
PortletContext	Api Render	getMimeType4	TRUE	Method getMimeType(String): Returns null if the MIME type cannot be determined
PortletContext	Api Render	getMimeType5	TRUE	Method getMimeType(String): Returns null if the file does not exist
PortletContext	Api Render	getRealPath1	TRUE	Method getRealPath(String): Returns a String containing the OS-specific real path for the given virtual path
PortletContext	Api Render	getRealPath2	TRUE	Method getRealPath(String): Returns null if the file does not exist
PortletContext	Api Render	getRealPath3	TRUE	Method getRealPath(String): Returns null if the transformation cannot be performed
PortletContext	Api Render	getResourcePaths1	TRUE	Method getResourcePaths(String): Returns a java.util.Set<java.lang.String> containing all the paths to resources within the web application longest sub-path of which matches the supplied path argument

## JSR 362 Assertions

PortletContext	Api Render	getResourcePaths2	TRUE	Method getResourcePaths(String): A path indicating a file does not end with a slash (/)
PortletContext	Api Render	getResourcePaths3	TRUE	Method getResourcePaths(String): A path indicating a subdirectory ends with a slash (/)
PortletContext	Api Render	getResourcePaths4	TRUE	Method getResourcePaths(String): Returns null if there are no resources in the web application of which the path begins with the supplied path
PortletContext	Api Render	getResource1	TRUE	Method getResource(String): Returns a java.net.URL object that maps to the specified path
PortletContext	Api Render	getResource2	TRUE	Method getResource(String): Returns null if no resource is mapped to the path
PortletContext	Api Render	getResource3	TRUE	Method getResource(String): Throws java.net.MalformedURLException if the path does not begin with a slash (/)
PortletContext	Api Render	getResource4	TRUE	Method getResource(String): Throws java.net.MalformedURLException if the path is malformed
PortletContext	Api Render	getAttribute1	TRUE	Method getAttribute(String): Returns a java.lang.Object attribute value for the specified name
PortletContext	Api Render	getAttribute2	TRUE	Method getAttribute(String): Returns null if there is no attribute value for the specified name
PortletContext	Api Render	getAttribute3	TRUE	Method getAttribute(String): Throws IllegalArgumentException if the name is null
PortletContext	Api Render	getAttributeNames1	TRUE	Method getAttributeNames(): Returns an java.util.Enumeration<java.lang.String> containing the attribute names in the PortletContext
PortletContext	Api Render	getAttributeNames2	TRUE	Method getAttributeNames(): Returns an empty Enumeration if no attributes are available
PortletContext	Api Render	getInitParameter1	TRUE	Method getInitParameter(String): Returns a java.lang.String PortletContext initialization parameter value for the specified name
PortletContext	Api Render	getInitParameter2	TRUE	Method getInitParameter(String): Returns null if there is no initialization parameter for the specified name
PortletContext	Api Render	getInitParameter3	TRUE	Method getInitParameter(String): Throws IllegalArgumentException if the name is null
PortletContext	Api Render	getInitParameterNames1	TRUE	Method getInitParameterNames(): Returns an java.util.Enumeration<java.lang.String> containing the InitParameter names in the PortletContext
PortletContext	Api Render	getInitParameterNames2	TRUE	Method getInitParameterNames(): Returns an empty Enumeration if no InitParameters are available
PortletContext	Api Render	logA	TRUE	Method log(String): Writes specified message to a portlet log file
PortletContext	Api Render	logB	TRUE	Method log(String, Throwable): Writes specified message and stack trace to a portlet log file
PortletContext	Api Render	removeAttribute1	TRUE	Method removeAttribute(String): Removes the attribute with the specified name

## JSR 362 Assertions

PortletContext	Api Render	removeAttribute2	TRUE	Method removeAttribute(String): Throws IllegalArgumentException if the name is null
PortletContext	Api Render	setAttribute1	TRUE	Method setAttribute(String, Object): Sets an attribute for the specified name in the portlet context
PortletContext	Api Render	setAttribute2	TRUE	Method setAttribute(String, Object): Any existing attribute for the specified name is removed
PortletContext	Api Render	setAttribute3	TRUE	Method setAttribute(String, Object): If the specified name is null, the attribute is removed
PortletContext	Api Render	setAttribute4	TRUE	Method setAttribute(String, Object): Throws IllegalArgumentException if the name is null
PortletContext	Api Render	getPortletContextName1	TRUE	Method getPortletContextName(): Returns the portlet application name
PortletContext	Api Render	getPortletContextName2	TRUE	Method getPortletContextName(): The name is as specified in web.xml the <display-name> element
PortletContext	Api Render	getPortletContextName3	TRUE	Method getPortletContextName(): Returns null if no web.xml <display-name> element is defined
PortletContext	Api Render	getContainerRuntimeOptions1	TRUE	Method getContainerRuntimeOptions(): Returns an java.util.Enumeration<java.lang.String> containing the available runtime option names
PortletContext	Api Render	getContainerRuntimeOptions2	TRUE	Method getContainerRuntimeOptions(): Returns an empty Enumeration if no runtime options are available
PortletPreferences	Api Render	isReadOnly1	TRUE	Method isReadOnly(String): Returns true if the preference specified by the key is defined to be read-only in the deployment descriptor
PortletPreferences	Api Render	isReadOnly2	TRUE	Method isReadOnly(String): Returns false if the preference specified by the key is not defined to be read-only in the deployment descriptor
PortletPreferences	Api Render	isReadOnly3	TRUE	Method isReadOnly(String): Returns false if the preference specified by the key is undefined
PortletPreferences	Api Render	isReadOnly4	TRUE	Method isReadOnly(String): Throws IllegalArgumentException if the key is null
PortletPreferences	Api Render	getValue1	TRUE	Method getValue(String, String): Returns the first String value for the specified key
PortletPreferences	Api Render	getValue2	TRUE	Method getValue(String, String): Returns the specified default value if there is no value for the specified key
PortletPreferences	Api Render	getValue3	TRUE	Method getValue(String, String): Returns the specified default value if the existing value for the specified key is null
PortletPreferences	Api Render	getValue4	TRUE	Method getValue(String, String): Throws IllegalArgumentException if the key is null
PortletPreferences	Api Render	getValues1	TRUE	Method getValues(String, String[]): Returns the values String[] for the specified key
PortletPreferences	Api Render	getValues2	TRUE	Method getValues(String, String[]): Returns the specified default String[] if there is no Values for the specified key

## JSR 362 Assertions

PortletPreferences	Api Render	getValues3	TRUE	Method <code>getValues(String, String[])</code> : Returns the specified default <code>String[]</code> if the existing <code>String[]</code> for the specified key is null
PortletPreferences	Api Render	getValues4	TRUE	Method <code>getValues(String, String[])</code> : Throws <code>IllegalArgumentException</code> if the key is null
PortletPreferences	Api Render	setValue4	TRUE	Method <code>setValue(String, String)</code> : Throws <code>ReadOnlyException</code> if the preference cannot be modified for this request
PortletPreferences	Api Render	getNames1	TRUE	Method <code>getNames()</code> : Returns an <code>java.util.Enumeration&lt;java.lang.String&gt;</code> containing the available preference keys
PortletPreferences	Api Render	getNames2	TRUE	Method <code>getNames()</code> : Returns an empty <code>Enumeration</code> if no preference keys are available
PortletPreferences	Api Render	getMap1	TRUE	Method <code>getMap()</code> : Returns an <code>java.util.Map&lt;java.lang.String&gt;</code> containing the available preferences
PortletPreferences	Api Render	getMap2	TRUE	Method <code>getMap()</code> : Returns an empty <code>Map</code> if no preferences are available
PortletPreferences	Api Render	reset2	TRUE	Method <code>reset(String)</code> : Throws <code>ReadOnlyException</code> if the preference cannot be modified for this request
PortletPreferences	Api Render	store5	TRUE	Method <code>store()</code> : Throws <code>IllegalStateException</code> if <code>store()</code> : is called in the render method
PortletPreferences	Api Action	isReadOnly1	TRUE	Method <code>isReadOnly(String)</code> : Returns true if the preference specified by the key is defined to be read-only in the deployment descriptor
PortletPreferences	Api Action	isReadOnly2	TRUE	Method <code>isReadOnly(String)</code> : Returns false if the preference specified by the key is not defined to be read-only in the deployment descriptor
PortletPreferences	Api Action	isReadOnly3	TRUE	Method <code>isReadOnly(String)</code> : Returns false if the preference specified by the key is undefined
PortletPreferences	Api Action	isReadOnly4	TRUE	Method <code>isReadOnly(String)</code> : Throws <code>IllegalArgumentException</code> if the key is null
PortletPreferences	Api Action	getValue1	TRUE	Method <code>getValue(String, String)</code> : Returns the first <code>String</code> value for the specified key
PortletPreferences	Api Action	getValue2	TRUE	Method <code>getValue(String, String)</code> : Returns the specified default value if there is no value for the specified key
PortletPreferences	Api Action	getValue3	TRUE	Method <code>getValue(String, String)</code> : Returns the specified default value if the existing value for the specified key is null
PortletPreferences	Api Action	getValue4	TRUE	Method <code>getValue(String, String)</code> : Throws <code>IllegalArgumentException</code> if the key is null
PortletPreferences	Api Action	getValues1	TRUE	Method <code>getValues(String, String[])</code> : Returns the values <code>String[]</code> for the specified key
PortletPreferences	Api Action	getValues2	TRUE	Method <code>getValues(String, String[])</code> : Returns the specified default <code>String[]</code> if there is no Values for the specified key
PortletPreferences	Api Action	getValues3	TRUE	Method <code>getValues(String, String[])</code> : Returns the specified default <code>String[]</code> if the existing <code>String[]</code> for the specified key is null
PortletPreferences	Api Action	getValues4	TRUE	Method <code>getValues(String, String[])</code> : Throws <code>IllegalArgumentException</code> if the key is null

## JSR 362 Assertions

PortletPreferences	Api Action	setValue1	TRUE	Method setValue(String, String): Sets the specified value for the specified key
PortletPreferences	Api Action	setValue2	TRUE	Method setValue(String, String): Any existing String or String[] value for the specified key is replaced
PortletPreferences	Api Action	setValue3	TRUE	Method setValue(String, String): The value may be set to null
PortletPreferences	Api Action	setValue4	TRUE	Method setValue(String, String): Throws ReadOnlyException if the preference cannot be modified for this request
PortletPreferences	Api Action	setValue5	TRUE	Method setValue(String, String): Throws IllegalArgumentException if the key is null
PortletPreferences	Api Action	setValues1	TRUE	Method setValues(String, String[]): Sets the specified value array for the specified key
PortletPreferences	Api Action	setValues2	TRUE	Method setValues(String, String[]): Any existing String or String[] Values for the specified key is replaced
PortletPreferences	Api Action	setValues3	TRUE	Method setValues(String, String[]): The value array may be set to null
PortletPreferences	Api Action	setValues4	TRUE	Method setValues(String, String[]): The value array may contain null members
PortletPreferences	Api Action	setValues5	TRUE	Method setValues(String, String[]): Throws ReadOnlyException if the preference cannot be modified for this request
PortletPreferences	Api Action	setValues6	TRUE	Method setValues(String, String[]): Throws IllegalArgumentException if the key is null
PortletPreferences	Api Action	getNames1	TRUE	Method getNames(): Returns an java.util.Enumeration<java.lang.String> containing the available preference keys
PortletPreferences	Api Action	getNames2	TRUE	Method getNames(): Returns an empty Enumeration if no preference keys are available
PortletPreferences	Api Action	getMap1	TRUE	Method getMap(): Returns an java.util.Map<java.lang.String> containing the available preferences
PortletPreferences	Api Action	getMap2	TRUE	Method getMap(): Returns an empty Map if no preferences are available
PortletPreferences	Api Action	reset1	TRUE	Method reset(String): Removes the value associated with the specified key
PortletPreferences	Api Action	reset2	TRUE	Method reset(String): Throws ReadOnlyException if the preference cannot be modified for this request
PortletPreferences	Api Action	reset3	TRUE	Method reset(String): Throws IllegalArgumentException if the key is null
PortletPreferences	Api Action	store1	TRUE	Method store(): Commits changes made to the preferences to the persistent store
PortletPreferences	Api Action	store2	TRUE	Method store(): If the store(): method is not called, changes made are discarded
PortletPreferences	Api Action	store3	TRUE	Method store(): If a validator is defined, it is called before the actual store is performed
PortletPreferences	Api Action	store4	TRUE	Method store(): If validation fails, the store is not performed
PortletPreferences	Api Action	store5	TRUE	Method store(): Throws IllegalStateException if store(): is called in the render method

## JSR 362 Assertions

PortletPreferences	Api Action	store6	TRUE	Method store(): Throws ValidatorException if the validation performed by the associated validator fails
PortletPreferences	Api Action	store7	FALSE	Method store(): Throws IOException if an I/O error occurs
PreferencesValidator	Api Action	canBeConfigured	TRUE	A PreferencesValidator can be configured in the deployment descriptor
PreferencesValidator	Api Action	validate1	TRUE	Method validate(PortletPreferences): The validate(PortletPreferences): method is called when the preferences are stored
PreferencesValidator	Api Action	validate2	TRUE	Method validate(PortletPreferences): If a ValidatorException is thrown, the preferences are not stored
PortletPreferences	Api Event	isReadOnly1	TRUE	Method isReadOnly(String): Returns true if the preference specified by the key is defined to be read-only in the deployment descriptor
PortletPreferences	Api Event	isReadOnly2	TRUE	Method isReadOnly(String): Returns false if the preference specified by the key is not defined to be read-only in the deployment descriptor
PortletPreferences	Api Event	isReadOnly3	TRUE	Method isReadOnly(String): Returns false if the preference specified by the key is undefined
PortletPreferences	Api Event	isReadOnly4	TRUE	Method isReadOnly(String): Throws IllegalArgumentException if the key is null
PortletPreferences	Api Event	getValue1	TRUE	Method getValue(String, String): Returns the first String value for the specified key
PortletPreferences	Api Event	getValue2	TRUE	Method getValue(String, String): Returns the specified default value if there is no value for the specified key
PortletPreferences	Api Event	getValue3	TRUE	Method getValue(String, String): Returns the specified default value if the existing value for the specified key is null
PortletPreferences	Api Event	getValue4	TRUE	Method getValue(String, String): Throws IllegalArgumentException if the key is null
PortletPreferences	Api Event	getValues1	TRUE	Method getValues(String, String[]): Returns the values String[] for the specified key
PortletPreferences	Api Event	getValues2	TRUE	Method getValues(String, String[]): Returns the specified default String[] if there is no Values for the specified key
PortletPreferences	Api Event	getValues3	TRUE	Method getValues(String, String[]): Returns the specified default String[] if the existing String[] for the specified key is null
PortletPreferences	Api Event	getValues4	TRUE	Method getValues(String, String[]): Throws IllegalArgumentException if the key is null
PortletPreferences	Api Event	setValue1	TRUE	Method setValue(String, String): Sets the specified value for the specified key
PortletPreferences	Api Event	setValue2	TRUE	Method setValue(String, String): Any existing String or String[] value for the specified key is replaced
PortletPreferences	Api Event	setValue3	TRUE	Method setValue(String, String): The value may be set to null
PortletPreferences	Api Event	setValue4	TRUE	Method setValue(String, String): Throws ReadOnlyException if the preference cannot be modified for this request

## JSR 362 Assertions

PortletPreferences	Api Event	setValue5	TRUE	Method setValue(String, String): Throws IllegalArgumentException if the key is null
PortletPreferences	Api Event	setValues1	TRUE	Method setValues(String, String[]): Sets the specified value array for the specified key
PortletPreferences	Api Event	setValues2	TRUE	Method setValues(String, String[]): Any existing String or String[] Values for the specified key is replaced
PortletPreferences	Api Event	setValues3	TRUE	Method setValues(String, String[]): The value array may be set to null
PortletPreferences	Api Event	setValues4	TRUE	Method setValues(String, String[]): The value array may contain null members
PortletPreferences	Api Event	setValues5	TRUE	Method setValues(String, String[]): Throws ReadOnlyException if the preference cannot be modified for this request
PortletPreferences	Api Event	setValues6	TRUE	Method setValues(String, String[]): Throws IllegalArgumentException if the key is null
PortletPreferences	Api Event	getNames1	TRUE	Method getNames(): Returns an java.util.Enumeration<java.lang.String> containing the available preference keys
PortletPreferences	Api Event	getNames2	TRUE	Method getNames(): Returns an empty Enumeration if no preference keys are available
PortletPreferences	Api Event	getMap1	TRUE	Method getMap(): Returns an java.util.Map<java.lang.String> containing the available preferences
PortletPreferences	Api Event	getMap2	TRUE	Method getMap(): Returns an empty Map if no preferences are available
PortletPreferences	Api Event	reset1	TRUE	Method reset(String): Removes the value associated with the specified key
PortletPreferences	Api Event	reset2	TRUE	Method reset(String): Throws ReadOnlyException if the preference cannot be modified for this request
PortletPreferences	Api Event	reset3	TRUE	Method reset(String): Throws IllegalArgumentException if the key is null
PortletPreferences	Api Event	store1	TRUE	Method store(): Commits changes made to the preferences to the persistent store
PortletPreferences	Api Event	store2	TRUE	Method store(): If the store(): method is not called, changes made are discarded
PortletPreferences	Api Event	store3	TRUE	Method store(): If a validator is defined, it is called before the actual store is performed
PortletPreferences	Api Event	store4	TRUE	Method store(): If validation fails, the store is not performed
PortletPreferences	Api Event	store5	TRUE	Method store(): Throws IllegalStateException if store(): is called in the render method
PortletPreferences	Api Event	store6	TRUE	Method store(): Throws ValidatorException if the validation performed by the associated validator fails
PortletPreferences	Api Event	store7	FALSE	Method store(): Throws IOException if an I/O error occurs
PreferencesValidator	Api Event	canBeConfigured	TRUE	A PreferencesValidator can be configured in the deployment descriptor
PreferencesValidator	Api Event	validate1	TRUE	Method validate(PortletPreferences): The validate(PortletPreferences): method is called when the preferences are stored

## JSR 362 Assertions

PreferencesValidator	Api Event	validate2	TRUE	Method validate(PortletPreferences): If a ValidatorException is thrown, the preferences are not stored
PortletPreferences	Api Resource	isReadOnly1	TRUE	Method isReadOnly(String): Returns true if the preference specified by the key is defined to be read-only in the deployment descriptor
PortletPreferences	Api Resource	isReadOnly2	TRUE	Method isReadOnly(String): Returns false if the preference specified by the key is not defined to be read-only in the deployment descriptor
PortletPreferences	Api Resource	isReadOnly3	TRUE	Method isReadOnly(String): Returns false if the preference specified by the key is undefined
PortletPreferences	Api Resource	isReadOnly4	TRUE	Method isReadOnly(String): Throws IllegalArgumentException if the key is null
PortletPreferences	Api Resource	getValue1	TRUE	Method getValue(String, String): Returns the first String value for the specified key
PortletPreferences	Api Resource	getValue2	TRUE	Method getValue(String, String): Returns the specified default value if there is no value for the specified key
PortletPreferences	Api Resource	getValue3	TRUE	Method getValue(String, String): Returns the specified default value if the existing value for the specified key is null
PortletPreferences	Api Resource	getValue4	TRUE	Method getValue(String, String): Throws IllegalArgumentException if the key is null
PortletPreferences	Api Resource	getValues1	TRUE	Method getValues(String, String[]): Returns the values String[] for the specified key
PortletPreferences	Api Resource	getValues2	TRUE	Method getValues(String, String[]): Returns the specified default String[] if there is no Values for the specified key
PortletPreferences	Api Resource	getValues3	TRUE	Method getValues(String, String[]): Returns the specified default String[] if the existing String[] for the specified key is null
PortletPreferences	Api Resource	getValues4	TRUE	Method getValues(String, String[]): Throws IllegalArgumentException if the key is null
PortletPreferences	Api Resource	setValue1	TRUE	Method setValue(String, String): Sets the specified value for the specified key
PortletPreferences	Api Resource	setValue2	TRUE	Method setValue(String, String): Any existing String or String[] value for the specified key is replaced
PortletPreferences	Api Resource	setValue3	TRUE	Method setValue(String, String): The value may be set to null
PortletPreferences	Api Resource	setValue4	TRUE	Method setValue(String, String): Throws ReadOnlyException if the preference cannot be modified for this request
PortletPreferences	Api Resource	setValue5	TRUE	Method setValue(String, String): Throws IllegalArgumentException if the key is null
PortletPreferences	Api Resource	setValues1	TRUE	Method setValues(String, String[]): Sets the specified value array for the specified key
PortletPreferences	Api Resource	setValues2	TRUE	Method setValues(String, String[]): Any existing String or String[] Values for the specified key is replaced
PortletPreferences	Api Resource	setValues3	TRUE	Method setValues(String, String[]): The value array may be set to null

## JSR 362 Assertions

PortletPreferences	Api Resource	setValues4	TRUE	Method setValues(String, String[]): The value array may contain null members
PortletPreferences	Api Resource	setValues5	TRUE	Method setValues(String, String[]): Throws ReadOnlyException if the preference cannot be modified for this request
PortletPreferences	Api Resource	setValues6	TRUE	Method setValues(String, String[]): Throws IllegalArgumentException if the key is null
PortletPreferences	Api Resource	getNames1	TRUE	Method getNames(): Returns an java.util.Enumeration<java.lang.String> containing the available preference keys
PortletPreferences	Api Resource	getNames2	TRUE	Method getNames(): Returns an empty Enumeration if no preference keys are available
PortletPreferences	Api Resource	getMap1	TRUE	Method getMap(): Returns an java.util.Map<java.lang.String> containing the available preferences
PortletPreferences	Api Resource	getMap2	TRUE	Method getMap(): Returns an empty Map if no preferences are available
PortletPreferences	Api Resource	reset1	TRUE	Method reset(String): Removes the value associated with the specified key
PortletPreferences	Api Resource	reset2	TRUE	Method reset(String): Throws ReadOnlyException if the preference cannot be modified for this request
PortletPreferences	Api Resource	reset3	TRUE	Method reset(String): Throws IllegalArgumentException if the key is null
PortletPreferences	Api Resource	store1	TRUE	Method store(): Commits changes made to the preferences to the persistent store
PortletPreferences	Api Resource	store2	TRUE	Method store(): If the store(): method is not called, changes made are discarded
PortletPreferences	Api Resource	store3	TRUE	Method store(): If a validator is defined, it is called before the actual store is performed
PortletPreferences	Api Resource	store4	TRUE	Method store(): If validation fails, the store is not performed
PortletPreferences	Api Resource	store5	TRUE	Method store(): Throws IllegalStateException if store(): is called in the render method
PortletPreferences	Api Resource	store6	TRUE	Method store(): Throws ValidatorException if the validation performed by the associated validator fails
PortletPreferences	Api Resource	store7	FALSE	Method store(): Throws IOException if an I/O error occurs
PreferencesValidator	Api Resource	canBeConfigured	TRUE	A PreferencesValidator can be configured in the deployment descriptor
PreferencesValidator	Api Resource	validate1	TRUE	Method validate(PortletPreferences): The validate(PortletPreferences): method is called when the preferences are stored
PreferencesValidator	Api Resource	validate2	TRUE	Method validate(PortletPreferences): If a ValidatorException is thrown, the preferences are not stored
PortletRequestDispatcher	Api Render	includeA1	TRUE	Method include(PortletRequest, PortletResponse): Includes the content of a JSP page in the response
PortletRequestDispatcher	Api Render	includeA2	TRUE	Method include(PortletRequest, PortletResponse): Includes the content of a HTML Page in the response
PortletRequestDispatcher	Api Render	includeA3	TRUE	Method include(PortletRequest, PortletResponse): The included servlet cannot change the status code. The attempt is ignored

## JSR 362 Assertions

PortletRequestDispatcher	Api Render	includeA4	TRUE	Method include(PortletRequest, PortletResponse): The included servlet cannot set the headers. The attempt is ignored
PortletRequestDispatcher	Api Render	includeB1	TRUE	Method include(RenderRequest, RenderResponse): Includes the content of a JSP page in the response
PortletRequestDispatcher	Api Render	includeB2	TRUE	Method include(RenderRequest, RenderResponse): Includes the content of a HTML Page in the response
PortletRequestDispatcher	Api Render	includeB3	TRUE	Method include(RenderRequest, RenderResponse): The included servlet cannot change the status code. The attempt is ignored
PortletRequestDispatcher	Api Render	includeB4	TRUE	Method include(RenderRequest, RenderResponse): The included servlet cannot set the headers. The attempt is ignored
PortletRequestDispatcher	Api Render	forward1	TRUE	Method forward(PortletRequest, PortletResponse): Can forward to a JSP page to create the response
PortletRequestDispatcher	Api Render	forward2	TRUE	Method forward(PortletRequest, PortletResponse): Can forward to a HTML Page to create the response
PortletRequestDispatcher	Api Render	forward3	TRUE	Method forward(PortletRequest, PortletResponse): Throws IllegalStateException if the response was already committed
PortletRequestDispatcher	Api Render	forward4	TRUE	Method forward(PortletRequest, PortletResponse): Throws PortletException if the forwarded servlet throws any exception other than IOException or a runtime exception
PortletRequestDispatcher	Api Render	forward5	FALSE	Method forward(PortletRequest, PortletResponse): Throws IOException if an I/O error occurs
PortletSession	Api Render	fieldAPPLICATION_SCOPE	TRUE	Has int field APPLICATION_SCOPE with value of 0x01
PortletSession	Api Render	fieldPORTLET_SCOPE	TRUE	Has int field PORTLET_SCOPE with value of 0x02
PortletSession	Api Render	getAttributeA1	TRUE	Method getAttribute(String): Returns a java.lang.Object for the specified attribute name in the PORTLET_SCOPE
PortletSession	Api Render	getAttributeA2	TRUE	Method getAttribute(String): Returns null if no attribute with the specified name exists in the PORTLET_SCOPE
PortletSession	Api Render	getAttributeA3	TRUE	Method getAttribute(String): Throws IllegalArgumentException if the name is null
PortletSession	Api Render	getAttributeA4	TRUE	Method getAttribute(String): Throws IllegalStateException if the method is called on an invalidated session
PortletSession	Api Render	getAttributeB1	TRUE	Method getAttribute(String): Returns a java.lang.Object for the specified attribute name in the specified scope
PortletSession	Api Render	getAttributeB2	TRUE	Method getAttribute(String): Returns null if no attribute with the specified name exists in the specified scope
PortletSession	Api Render	getAttributeB3	TRUE	Method getAttribute(String): Throws IllegalArgumentException if the name is null
PortletSession	Api Render	getAttributeB4	TRUE	Method getAttribute(String): Throws IllegalStateException if the method is called on an invalidated session

## JSR 362 Assertions

PortletSession	Api Render	getAttributeNamesA1	TRUE	Method <code>getAttributeNames()</code> : Returns a <code>java.util.Enumeration&lt;java.lang.String&gt;</code> of the available attribute names in the <code>PORTLET_SCOPE</code>
PortletSession	Api Render	getAttributeNamesA2	TRUE	Method <code>getAttributeNames()</code> : Returns an empty <code>Enumeration</code> if there are no attributes available in the <code>PORTLET_SCOPE</code>
PortletSession	Api Render	getAttributeNamesB1	TRUE	Method <code>getAttributeNames(int)</code> : Returns a <code>java.util.Enumeration&lt;java.lang.String&gt;</code> of the available attribute names in the specified scope
PortletSession	Api Render	getAttributeNamesB2	TRUE	Method <code>getAttributeNames(int)</code> : Returns an empty <code>Enumeration</code> if there are no attributes available in the specified scope
PortletSession	Api Render	getCreationTime1	TRUE	Method <code>getCreationTime()</code> : Returns a long containing the time the session was created in milliseconds since 1/1/1970
PortletSession	Api Render	getCreationTime2	TRUE	Method <code>getCreationTime()</code> : Throws <code>IllegalStateException</code> if this method is called on an invalidated session
PortletSession	Api Render	getId	TRUE	Method <code>getId()</code> : Returns a <code>String</code> containing a unique identifier for the session
PortletSession	Api Render	getLastAccessedTime	TRUE	Method <code>getLastAccessedTime()</code> : Returns a long containing the last time the session was accessed in milliseconds since 1/1/1970
PortletSession	Api Render	getMaxInactiveInterval	TRUE	Method <code>getMaxInactiveInterval()</code> : Returns the maximum time interval, in seconds, for which the portlet container keeps this session open between client accesses
PortletSession	Api Render	invalidate1	TRUE	Method <code>invalidate()</code> : Invalidates this session (all scopes): and unbinds any objects bound to it
PortletSession	Api Render	invalidate2	TRUE	Method <code>invalidate()</code> : The underlying HTTP session is also invalidated
PortletSession	Api Render	isNew1	TRUE	Method <code>isNew()</code> : Returns true if the client has not yet joined the session
PortletSession	Api Render	isNew2	TRUE	Method <code>isNew()</code> : Returns false if the client has joined the session
PortletSession	Api Render	removeAttributeA1	TRUE	Method <code>removeAttribute(String)</code> : Removes the attribute specified by the name from the <code>PORTLET_SCOPE</code>
PortletSession	Api Render	removeAttributeA2	TRUE	Method <code>removeAttribute(String)</code> : If there is no attribute by the specified name in the the <code>PORTLET_SCOPE</code> , this method does nothing
PortletSession	Api Render	removeAttributeA3	TRUE	Method <code>removeAttribute(String)</code> : If an attribute was removed, the <code>HttpSessionAttributeListener.attributeRemoved</code> method is called on all <code>HttpSessionAttributeListeners</code> in the web application
PortletSession	Api Render	removeAttributeA4	TRUE	Method <code>removeAttribute(String)</code> : Throws <code>IllegalArgumentException</code> if the name is null
PortletSession	Api Render	removeAttributeB1	TRUE	Method <code>removeAttribute(String, int)</code> : Removes the attribute specified by the name from the specified scope
PortletSession	Api Render	removeAttributeB2	TRUE	Method <code>removeAttribute(String, int)</code> : If there is no attribute by the specified name in the specified scope, this method does nothing
PortletSession	Api Render	removeAttributeB3	TRUE	Method <code>removeAttribute(String, int)</code> : If an attribute was removed, the <code>HttpSessionAttributeListener.attributeRemoved</code> method is called on all <code>HttpSessionAttributeListeners</code> in the web application

## JSR 362 Assertions

PortletSession	Api Render	removeAttributeB4	TRUE	Method removeAttribute(String, int): Throws IllegalArgumentException if the name is null
PortletSession	Api Render	setAttributeA1	TRUE	Method setAttribute(String, Object): Stores an attribute object under the specified name in the PORTLET_SCOPE
PortletSession	Api Render	setAttributeA2	TRUE	Method setAttribute(String, Object): Replaces the attribute by the specified name if the attribute already exists
PortletSession	Api Render	setAttributeA3	TRUE	Method setAttribute(String, Object): Removes the attribute by the specified name if the object is null
PortletSession	Api Render	setAttributeA4	TRUE	Method setAttribute(String, Object): If the attribute object implements HttpSessionBindingListener, its HttpSessionBindingListener.valueBound method is called
PortletSession	Api Render	setAttributeA5	TRUE	Method setAttribute(String, Object): If an existing attribute object implements HttpSessionBindingListener and is replaced, its HttpSessionBindingListener.valueUnbound method is called
PortletSession	Api Render	setAttributeA6	TRUE	Method setAttribute(String, Object): If an attribute was replaced, the HttpSessionAttributeListener.attributeReplaced method is called on all HttpSessionAttributeListeners in the web application
PortletSession	Api Render	setAttributeA7	TRUE	Method setAttribute(String, Object): If a new attribute was added, the HttpSessionAttributeListener.attributeAdded method is called on all HttpSessionAttributeListeners in the web application
PortletSession	Api Render	setAttributeA8	TRUE	Method setAttribute(String, Object): Throws IllegalArgumentException if the name is null
PortletSession	Api Render	setAttributeB1	TRUE	Method setAttribute(String, Object, int): Stores an attribute object under the specified name in the specified scope
PortletSession	Api Render	setAttributeB2	TRUE	Method setAttribute(String, Object, int): Replaces the attribute by the specified name if the attribute already exists
PortletSession	Api Render	setAttributeB3	TRUE	Method setAttribute(String, Object, int): Removes the attribute by the specified name if the object is null
PortletSession	Api Render	setAttributeB4	TRUE	Method setAttribute(String, Object, int): If the attribute object implements HttpSessionBindingListener, its HttpSessionBindingListener.valueBound method is called
PortletSession	Api Render	setAttributeB5	TRUE	Method setAttribute(String, Object, int): If an existing attribute object implements HttpSessionBindingListener and is replaced, its HttpSessionBindingListener.valueUnbound method is called
PortletSession	Api Render	setAttributeB6	TRUE	Method setAttribute(String, Object, int): If an attribute was replaced, the HttpSessionAttributeListener.attributeReplaced method is called on all HttpSessionAttributeListeners in the web application
PortletSession	Api Render	setAttributeB7	TRUE	Method setAttribute(String, Object, int): If a new attribute was added, the HttpSessionAttributeListener.attributeAdded method is called on all HttpSessionAttributeListeners in the web application
PortletSession	Api Render	setAttributeB8	TRUE	Method setAttribute(String, Object, int): Throws IllegalArgumentException if the name is null

## JSR 362 Assertions

PortletSession	Api Render	setMaxInactiveInterval1	TRUE	Method setMaxInactiveInterval(int): Specifies the time in seconds between client requests before the portlet container invalidates the session
PortletSession	Api Render	setMaxInactiveInterval2	TRUE	Method setMaxInactiveInterval(int): If the specified time is negative, the session should never timeout
PortletSession	Api Render	getPortletContext	TRUE	Method getPortletContext(): Returns the PortletContext object for this session
PortletSession	Api Render	getAttributeMapA1	TRUE	Method getAttributeMap(): Returns an java.util.Map<java.lang.String,java.lang.Object> object for the attributes available in the PORTLET_SCOPE
PortletSession	Api Render	getAttributeMapA2	TRUE	Method getAttributeMap(): Returns an empty map if no attributes exist in the PORTLET_SCOPE
PortletSession	Api Render	getAttributeMapB1	TRUE	Method getAttributeMap(int): Returns an java.util.Map<java.lang.String,java.lang.Object> object for the attributes available in the PORTLET_SCOPE
PortletSession	Api Render	getAttributeMapB2	TRUE	Method getAttributeMap(int): Returns an empty map if no attributes exist in the PORTLET_SCOPE
PortletSessionUtil	Api Render	decodeAttributeName1	TRUE	Method decodeAttributeName(String): Returns a String containing the decoded name of the attribute if the input name is an encoded name in PORTLET_SCOPE
PortletSessionUtil	Api Render	decodeAttributeName2	TRUE	Method decodeAttributeName(String): Returns a String containing the input name unchanged if the input name is in APPLICATION_SCOPE
PortletSessionUtil	Api Render	decodeScope1	TRUE	Method decodeScope(String): Returns the decoded attribute scope for the input encoded attribute name
PortletSessionUtil	Api Render	decodeScope2	TRUE	Method decodeScope(String): Returns PortletSession.APPLICATION_SCOPE if the attribute name is in APPLICATION_SCOPE
PortletSessionUtil	Api Render	decodeScope3	TRUE	Method decodeScope(String): Returns PortletSession.PORTLET_SCOPE if the attribute name is in PORTLET_SCOPE

### 3.3 Method Signature Assertions

The tests in this section were generated from the JSR 286 API classes.

Class / Section	Keywords	Name	Testable	Description
<b>Sig Tests Action</b>				
ActionRequest	SIG Action	fieldACTION_NAME	TRUE	ActionRequest has String field ACTION_NAME
ActionRequest	SIG Action	implementsClientDataRequest	TRUE	ActionRequest implements ClientDataRequest

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
ActionResponse	SIG Action	hasSendRedirect	TRUE	ActionResponse has a sendRedirect(String) throws java.io.IOException method
ActionResponse	SIG Action	hasSendRedirectA	TRUE	ActionResponse has a sendRedirect(String, String) throws java.io.IOException method
ActionResponse	SIG Action	hasSendRedirectReturns	TRUE	ActionResponse method sendRedirect(String) returns void
ActionResponse	SIG Action	hasSendRedirectReturnsA	TRUE	ActionResponse method sendRedirect(String, String) returns void
ActionResponse	SIG Action	implementsStateAwareResponse	TRUE	ActionResponse implements StateAwareResponse
ClientDataRequest	SIG Action	hasGetCharacterEncoding	TRUE	ActionRequest has a getCharacterEncoding() method
ClientDataRequest	SIG Action	hasGetCharacterEncodingReturns	TRUE	ActionRequest method getCharacterEncoding() returns String
ClientDataRequest	SIG Action	hasGetContentLength	TRUE	ActionRequest has a getContentLength() method
ClientDataRequest	SIG Action	hasGetContentLengthReturns	TRUE	ActionRequest method getContentLength() returns int
ClientDataRequest	SIG Action	hasGetContentType	TRUE	ActionRequest has a getContentType() method
ClientDataRequest	SIG Action	hasGetContentTypeReturns	TRUE	ActionRequest method getContentType() returns String
ClientDataRequest	SIG Action	hasGetMethod	TRUE	ActionRequest has a getMethod() method
ClientDataRequest	SIG Action	hasGetMethodReturns	TRUE	ActionRequest method getMethod() returns String
ClientDataRequest	SIG Action	hasGetPortletInputStream	TRUE	ActionRequest has a getPortletInputStream() throws java.io.IOException method
ClientDataRequest	SIG Action	hasGetPortletInputStreamReturns	TRUE	ActionRequest method getPortletInputStream() returns java.io.InputStream
ClientDataRequest	SIG Action	hasGetReader	TRUE	ActionRequest has a getReader() throws java.io.UnsupportedEncodingException, java.io.IOException method
ClientDataRequest	SIG Action	hasGetReaderReturns	TRUE	ActionRequest method getReader() returns java.io.BufferedReader
ClientDataRequest	SIG Action	hasSetCharacterEncoding	TRUE	ActionRequest has a setCharacterEncoding(String) throws java.io.UnsupportedEncodingException method
ClientDataRequest	SIG Action	hasSetCharacterEncodingReturns	TRUE	ActionRequest method setCharacterEncoding(String) returns void
ClientDataRequest	SIG Action	implementsPortletRequest	TRUE	ActionRequest implements PortletRequest

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
PortletRequest	SIG Action	fieldACTION_PHASE	TRUE	ActionRequest has String field ACTION_PHASE
PortletRequest	SIG Action	fieldACTION_SCOPE_ID	TRUE	ActionRequest has String field ACTION_SCOPE_ID
PortletRequest	SIG Action	fieldBASIC_AUTH	TRUE	ActionRequest has String field BASIC_AUTH
PortletRequest	SIG Action	fieldCCPP_PROFILE	TRUE	ActionRequest has String field CCPP_PROFILE
PortletRequest	SIG Action	fieldCLIENT_CERT_AUTH	TRUE	ActionRequest has String field CLIENT_CERT_AUTH
PortletRequest	SIG Action	fieldDIGEST_AUTH	TRUE	ActionRequest has String field DIGEST_AUTH
PortletRequest	SIG Action	fieldEVENT_PHASE	TRUE	ActionRequest has String field EVENT_PHASE
PortletRequest	SIG Action	fieldFORM_AUTH	TRUE	ActionRequest has String field FORM_AUTH
PortletRequest	SIG Action	fieldLIFECYCLE_PHASE	TRUE	ActionRequest has String field LIFECYCLE_PHASE
PortletRequest	SIG Action	fieldRENDER_HEADERS	TRUE	ActionRequest has String field RENDER_HEADERS
PortletRequest	SIG Action	fieldRENDER_MARKUP	TRUE	ActionRequest has String field RENDER_MARKUP
PortletRequest	SIG Action	fieldRENDER_PART	TRUE	ActionRequest has String field RENDER_PART
PortletRequest	SIG Action	fieldRENDER_PHASE	TRUE	ActionRequest has String field RENDER_PHASE
PortletRequest	SIG Action	fieldRESOURCE_PHASE	TRUE	ActionRequest has String field RESOURCE_PHASE
PortletRequest	SIG Action	fieldUSER_INFO	TRUE	ActionRequest has String field USER_INFO
PortletRequest	SIG Action	hasGetAttribute	TRUE	ActionRequest has a getAttribute(String) method
PortletRequest	SIG Action	hasGetAttributeNames	TRUE	ActionRequest has a getAttributeNames() method
PortletRequest	SIG Action	hasGetAttributeNamesReturns	TRUE	ActionRequest method getAttributeNames() returns java.util.Enumeration
PortletRequest	SIG Action	hasGetAttributeReturns	TRUE	ActionRequest method getAttribute(String) returns Object
PortletRequest	SIG Action	hasGetAuthType	TRUE	ActionRequest has a getAuthType() method
PortletRequest	SIG Action	hasGetAuthTypeReturns	TRUE	ActionRequest method getAuthType() returns String
PortletRequest	SIG Action	hasGetContextPath	TRUE	ActionRequest has a getContextPath() method
PortletRequest	SIG Action	hasGetContextPathReturns	TRUE	ActionRequest method getContextPath() returns String
PortletRequest	SIG Action	hasGetCookies	TRUE	ActionRequest has a getCookies() method
PortletRequest	SIG Action	hasGetCookiesReturns	TRUE	ActionRequest method getCookies() returns javax.servlet.http.Cookie[]

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
PortletRequest	SIG Action	hasGetLocale	TRUE	ActionRequest has a getLocale() method
PortletRequest	SIG Action	hasGetLocaleReturns	TRUE	ActionRequest method getLocale() returns java.util.Locale
PortletRequest	SIG Action	hasGetLocales	TRUE	ActionRequest has a getLocales() method
PortletRequest	SIG Action	hasGetLocalesReturns	TRUE	ActionRequest method getLocales() returns java.util.Enumeration
PortletRequest	SIG Action	hasGetParameter	TRUE	ActionRequest has a getParameter(String) method
PortletRequest	SIG Action	hasGetParameterMap	TRUE	ActionRequest has a getParameterMap() method
PortletRequest	SIG Action	hasGetParameterMapReturns	TRUE	ActionRequest method getParameterMap() returns java.util.Map
PortletRequest	SIG Action	hasGetParameterNames	TRUE	ActionRequest has a getParameterNames() method
PortletRequest	SIG Action	hasGetParameterNamesReturns	TRUE	ActionRequest method getParameterNames() returns java.util.Enumerations
PortletRequest	SIG Action	hasGetParameterReturns	TRUE	ActionRequest method getParameter(String) returns String
PortletRequest	SIG Action	hasGetParameterValues	TRUE	ActionRequest has a getParameterValues(String) method
PortletRequest	SIG Action	hasGetParameterValuesReturns	TRUE	ActionRequest method getParameterValues(String) returns String[]
PortletRequest	SIG Action	hasGetPortalContext	TRUE	ActionRequest has a getPortalContext() method
PortletRequest	SIG Action	hasGetPortalContextReturns	TRUE	ActionRequest method getPortalContext() returns PortalContext
PortletRequest	SIG Action	hasGetPortletMode	TRUE	ActionRequest has a getPortletMode() method
PortletRequest	SIG Action	hasGetPortletModeReturns	TRUE	ActionRequest method getPortletMode() returns PortletMode
PortletRequest	SIG Action	hasGetPortletSession	TRUE	ActionRequest has a getPortletSession() method
PortletRequest	SIG Action	hasGetPortletSessionA	TRUE	ActionRequest has a getPortletSession(boolean) method
PortletRequest	SIG Action	hasGetPortletSessionReturns	TRUE	ActionRequest method getPortletSession() returns PortletSession
PortletRequest	SIG Action	hasGetPortletSessionReturnsA	TRUE	ActionRequest method getPortletSession(boolean) returns PortletSession
PortletRequest	SIG Action	hasGetPreferences	TRUE	ActionRequest has a getPreferences() method
PortletRequest	SIG Action	hasGetPreferencesReturns	TRUE	ActionRequest method getPreferences() returns PortletPreferences
PortletRequest	SIG Action	hasGetPrivateParameterMap	TRUE	ActionRequest has a getPrivateParameterMap() method

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
PortletRequest	SIG Action	hasGetPrivateParameterMapReturns	TRUE	ActionRequest method getPrivateParameterMap() returns java.util.Map
PortletRequest	SIG Action	hasGetProperties	TRUE	ActionRequest has a getProperties(String) method
PortletRequest	SIG Action	hasGetPropertiesReturns	TRUE	ActionRequest method getProperties(String) returns java.util.Enumeration
PortletRequest	SIG Action	hasGetProperty	TRUE	ActionRequest has a getProperty(String) method
PortletRequest	SIG Action	hasGetPropertyNames	TRUE	ActionRequest has a getPropertyNames() method
PortletRequest	SIG Action	hasGetPropertyNamesReturns	TRUE	ActionRequest method getPropertyNames() returns java.util.Enumeration
PortletRequest	SIG Action	hasGetPropertyReturns	TRUE	ActionRequest method getProperty(String) returns String
PortletRequest	SIG Action	hasGetPublicParameterMap	TRUE	ActionRequest has a getPublicParameterMap() method
PortletRequest	SIG Action	hasGetPublicParameterMapReturns	TRUE	ActionRequest method getPublicParameterMap() returns java.util.Map
PortletRequest	SIG Action	hasGetRemoteUser	TRUE	ActionRequest has a getRemoteUser() method
PortletRequest	SIG Action	hasGetRemoteUserReturns	TRUE	ActionRequest method getRemoteUser() returns String
PortletRequest	SIG Action	hasGetRequestedSessionId	TRUE	ActionRequest has a getRequestedSessionId() method
PortletRequest	SIG Action	hasGetRequestedSessionIdReturns	TRUE	ActionRequest method getRequestedSessionId() returns String
PortletRequest	SIG Action	hasGetResponseContentType	TRUE	ActionRequest has a getResponseContentType() method
PortletRequest	SIG Action	hasGetResponseContentTypeReturns	TRUE	ActionRequest method getResponseContentType() returns String
PortletRequest	SIG Action	hasGetResponseContentTypes	TRUE	ActionRequest has a getResponseContentTypes() method
PortletRequest	SIG Action	hasGetResponseContentTypesReturns	TRUE	ActionRequest method getResponseContentTypes() returns java.util.Enumeration
PortletRequest	SIG Action	hasGetScheme	TRUE	ActionRequest has a getScheme() method
PortletRequest	SIG Action	hasGetSchemeReturns	TRUE	ActionRequest method getScheme() returns String
PortletRequest	SIG Action	hasGetServerName	TRUE	ActionRequest has a getServerName() method
PortletRequest	SIG Action	hasGetServerNameReturns	TRUE	ActionRequest method getServerName() returns String
PortletRequest	SIG Action	hasGetServerPort	TRUE	ActionRequest has a getServerPort() method
PortletRequest	SIG Action	hasGetServerPortReturns	TRUE	ActionRequest method getServerPort() returns int

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
PortletRequest	SIG Action	hasGetUserPrincipal	TRUE	ActionRequest has a getUserPrincipal() method
PortletRequest	SIG Action	hasGetUserPrincipalReturns	TRUE	ActionRequest method getUserPrincipal() returns java.security.Principal
PortletRequest	SIG Action	hasGetWindowID	TRUE	ActionRequest has a getWindowID() method
PortletRequest	SIG Action	hasGetWindowIDReturns	TRUE	ActionRequest method getWindowID() returns String
PortletRequest	SIG Action	hasGetWindowState	TRUE	ActionRequest has a getWindowState() method
PortletRequest	SIG Action	hasGetWindowStateReturns	TRUE	ActionRequest method getWindowState() returns WindowState
PortletRequest	SIG Action	hasIsPortletModeAllowed	TRUE	ActionRequest has a isPortletModeAllowed(PortletMode) method
PortletRequest	SIG Action	hasIsPortletModeAllowedReturns	TRUE	ActionRequest method isPortletModeAllowed(PortletMode) returns boolean
PortletRequest	SIG Action	hasIsRequestedSessionIdValid	TRUE	ActionRequest has a isRequestedSessionIdValid() method
PortletRequest	SIG Action	hasIsRequestedSessionIdValidReturns	TRUE	ActionRequest method isRequestedSessionIdValid() returns boolean
PortletRequest	SIG Action	hasIsSecure	TRUE	ActionRequest has a isSecure() method
PortletRequest	SIG Action	hasIsSecureReturns	TRUE	ActionRequest method isSecure() returns boolean
PortletRequest	SIG Action	hasIsUserInRole	TRUE	ActionRequest has a isUserInRole(String) method
PortletRequest	SIG Action	hasIsUserInRoleReturns	TRUE	ActionRequest method isUserInRole(String) returns boolean
PortletRequest	SIG Action	hasIsWindowStateAllowed	TRUE	ActionRequest has a isWindowStateAllowed(WindowState) method
PortletRequest	SIG Action	hasIsWindowStateAllowedReturns	TRUE	ActionRequest method isWindowStateAllowed(WindowState) returns boolean
PortletRequest	SIG Action	hasRemoveAttribute	TRUE	ActionRequest has a removeAttribute(String) method
PortletRequest	SIG Action	hasRemoveAttributeReturns	TRUE	ActionRequest method removeAttribute(String) returns void
PortletRequest	SIG Action	hasSetAttribute	TRUE	ActionRequest has a setAttribute(String, Object) method
PortletRequest	SIG Action	hasSetAttributeReturns	TRUE	ActionRequest method setAttribute(String, Object) returns void
PortletResponse	SIG Action	hasAddProperty	TRUE	ActionResponse has a addProperty(String, String) method
PortletResponse	SIG Action	hasAddPropertyA	TRUE	ActionResponse has a addProperty(javax.servlet.http.Cookie) method
PortletResponse	SIG Action	hasAddPropertyB	TRUE	ActionResponse has a addProperty(String, org.w3c.dom.Element) method

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
PortletResponse	SIG Action	hasAddPropertyReturns	TRUE	ActionResponse method addProperty(String, String) returns void
PortletResponse	SIG Action	hasAddPropertyReturnsA	TRUE	ActionResponse method addProperty(javax.servlet.http.Cookie) returns void
PortletResponse	SIG Action	hasAddPropertyReturnsB	TRUE	ActionResponse method addProperty(String, org.w3c.dom.Element) returns void
PortletResponse	SIG Action	hasCreateElement	TRUE	ActionResponse has a createElement(String) throws org.w3c.dom.DOMException method
PortletResponse	SIG Action	hasCreateElementReturns	TRUE	ActionResponse method createElement(String) returns org.w3c.dom.Element
PortletResponse	SIG Action	hasEncodeURL	TRUE	ActionResponse has a encodeURL(String) method
PortletResponse	SIG Action	hasEncodeURLReturns	TRUE	ActionResponse method encodeURL(String) returns String
PortletResponse	SIG Action	hasGetNamespace	TRUE	ActionResponse has a getNamespace() method
PortletResponse	SIG Action	hasGetNamespaceReturns	TRUE	ActionResponse method getNamespace() returns String
PortletResponse	SIG Action	hasSetProperty	TRUE	ActionResponse has a setProperty(String, String) method
PortletResponse	SIG Action	hasSetPropertyReturns	TRUE	ActionResponse method setProperty(String, String) returns void
StateAwareResponse	SIG Action	hasGetPortletMode	TRUE	ActionResponse has a getPortletMode() method
StateAwareResponse	SIG Action	hasGetPortletModeReturns	TRUE	ActionResponse method getPortletMode() returns PortletMode
StateAwareResponse	SIG Action	hasGetRenderParameterMap	TRUE	ActionResponse has a getRenderParameterMap() method
StateAwareResponse	SIG Action	hasGetRenderParameterMapReturns	TRUE	ActionResponse method getRenderParameterMap() returns java.util.Map
StateAwareResponse	SIG Action	hasGetWindowState	TRUE	ActionResponse has a getWindowState() method
StateAwareResponse	SIG Action	hasGetWindowStateReturns	TRUE	ActionResponse method getWindowState() returns WindowState
StateAwareResponse	SIG Action	hasRemovePublicRenderParameter	TRUE	ActionResponse has a removePublicRenderParameter(String) method
StateAwareResponse	SIG Action	hasRemovePublicRenderParameterReturns	TRUE	ActionResponse method removePublicRenderParameter(String) returns void
StateAwareResponse	SIG Action	hasSetEvent	TRUE	ActionResponse has a setEvent(javax.xml.namespace.QName, java.io.Serializable) method
StateAwareResponse	SIG Action	hasSetEventA	TRUE	ActionResponse has a setEvent(String, java.io.Serializable) method

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
StateAwareResponse	SIG Action	hasSetEventReturns	TRUE	ActionResponse method setEvent(javax.xml.namespace.QName, java.io.Serializable) returns void
StateAwareResponse	SIG Action	hasSetEventReturnsA	TRUE	ActionResponse method setEvent(String, java.io.Serializable) returns void
StateAwareResponse	SIG Action	hasSetPortletMode	TRUE	ActionResponse has a setPortletMode(PortletMode) throws PortletModeException method
StateAwareResponse	SIG Action	hasSetPortletModeReturns	TRUE	ActionResponse method setPortletMode(PortletMode) returns void
StateAwareResponse	SIG Action	hasSetRenderParameter	TRUE	ActionResponse has a setRenderParameter(String, String) method
StateAwareResponse	SIG Action	hasSetRenderParameterA	TRUE	ActionResponse has a setRenderParameter(String, String[]) method
StateAwareResponse	SIG Action	hasSetRenderParameterReturns	TRUE	ActionResponse method setRenderParameter(String, String) returns void
StateAwareResponse	SIG Action	hasSetRenderParameterReturnsA	TRUE	ActionResponse method setRenderParameter(String, String[]) returns void
StateAwareResponse	SIG Action	hasSetRenderParameters	TRUE	ActionResponse has a setRenderParameters(java.util.Map) method
StateAwareResponse	SIG Action	hasSetRenderParametersReturns	TRUE	ActionResponse method setRenderParameters(java.util.Map) returns void
StateAwareResponse	SIG Action	hasSetWindowState	TRUE	ActionResponse has a setWindowState(WindowState) throws WindowStateException method
StateAwareResponse	SIG Action	hasSetWindowStateReturns	TRUE	ActionResponse method setWindowState(WindowState) returns void
StateAwareResponse	SIG Action	implementsPortletResponse	TRUE	ActionResponse implements PortletResponse
<b>Sig Tests Env</b>				
CacheControl	SIG Render	hasGetETag	TRUE	CacheControl has a getETag() method
CacheControl	SIG Render	hasGetETagReturns	TRUE	CacheControl method getETag() returns String
CacheControl	SIG Render	hasGetExpirationTime	TRUE	CacheControl has a getExpirationTime() method
CacheControl	SIG Render	hasGetExpirationTimeReturns	TRUE	CacheControl method getExpirationTime() returns int
CacheControl	SIG Render	hasIsPublicScope	TRUE	CacheControl has a isPublicScope() method
CacheControl	SIG Render	hasIsPublicScopeReturns	TRUE	CacheControl method isPublicScope() returns boolean
CacheControl	SIG Render	hasSetETag	TRUE	CacheControl has a setETag(String) method

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
CacheControl	SIG Render	hasSetETagReturns	TRUE	CacheControl method setETag(String) returns void
CacheControl	SIG Render	hasSetExpirationTime	TRUE	CacheControl has a setExpirationTime(int) method
CacheControl	SIG Render	hasSetExpirationTimeReturns	TRUE	CacheControl method setExpirationTime(int) returns void
CacheControl	SIG Render	hasSetPublicScope	TRUE	CacheControl has a setPublicScope(boolean) method
CacheControl	SIG Render	hasSetPublicScopeReturns	TRUE	CacheControl method setPublicScope(boolean) returns void
CacheControl	SIG Render	hasSetUseCachedContent	TRUE	CacheControl has a setUseCachedContent(boolean) method
CacheControl	SIG Render	hasSetUseCachedContentReturns	TRUE	CacheControl method setUseCachedContent(boolean) returns void
CacheControl	SIG Render	hasUseCachedContent	TRUE	CacheControl has a useCachedContent() method
CacheControl	SIG Render	hasUseCachedContentReturns	TRUE	CacheControl method useCachedContent() returns boolean
EventPortlet	SIG Render	hasProcessEvent	TRUE	EventPortlet has a processEvent(EventRequest, EventResponse) throws PortletException, java.io.IOException method
EventPortlet	SIG Render	hasProcessEventReturns	TRUE	EventPortlet method processEvent(EventRequest, EventResponse) returns void
GenericPortlet	SIG Render	constructor	TRUE	GenericPortlet provides constructor GenericPortlet()
GenericPortlet	SIG Render	hasDestroy	TRUE	GenericPortlet has a destroy() method
GenericPortlet	SIG Render	hasDestroyReturns	TRUE	GenericPortlet method destroy() returns void
GenericPortlet	SIG Render	hasDoDispatch	TRUE	GenericPortlet has a doDispatch(RenderRequest, RenderResponse) throws PortletException, java.io.IOException method
GenericPortlet	SIG Render	hasDoDispatchReturns	TRUE	GenericPortlet method doDispatch(RenderRequest, RenderResponse) returns void
GenericPortlet	SIG Render	hasDoEdit	TRUE	GenericPortlet has a doEdit(RenderRequest, RenderResponse) throws PortletException, java.io.IOException method
GenericPortlet	SIG Render	hasDoEditReturns	TRUE	GenericPortlet method doEdit(RenderRequest, RenderResponse) returns void
GenericPortlet	SIG Render	hasDoHeaders	TRUE	GenericPortlet has a doHeaders(RenderRequest, RenderResponse) method
GenericPortlet	SIG Render	hasDoHeadersReturns	TRUE	GenericPortlet method doHeaders(RenderRequest, RenderResponse) returns void
GenericPortlet	SIG Render	hasDoHelp	TRUE	GenericPortlet has a doHelp(RenderRequest, RenderResponse) throws PortletException, java.io.IOException method

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
GenericPortlet	SIG Render	hasDoHelpReturns	TRUE	GenericPortlet method doHelp(RenderRequest, RenderResponse) returns void
GenericPortlet	SIG Render	hasDoView	TRUE	GenericPortlet has a doView(RenderRequest, RenderResponse) throws PortletException, java.io.IOException method
GenericPortlet	SIG Render	hasDoViewReturns	TRUE	GenericPortlet method doView(RenderRequest, RenderResponse) returns void
GenericPortlet	SIG Render	hasGetContainerRuntimeOptions	TRUE	GenericPortlet has a getContainerRuntimeOptions() method
GenericPortlet	SIG Render	hasGetContainerRuntimeOptionsReturns	TRUE	GenericPortlet method getContainerRuntimeOptions() returns java.util.Map
GenericPortlet	SIG Render	hasGetDefaultNamespace	TRUE	GenericPortlet has a getDefaultNamespace() method
GenericPortlet	SIG Render	hasGetDefaultNamespaceReturns	TRUE	GenericPortlet method getDefaultNamespace() returns String
GenericPortlet	SIG Render	hasGetInitParameter	TRUE	GenericPortlet has a getInitParameter(String) method
GenericPortlet	SIG Render	hasGetInitParameterNames	TRUE	GenericPortlet has a getInitParameterNames() method
GenericPortlet	SIG Render	hasGetInitParameterNamesReturns	TRUE	GenericPortlet method getInitParameterNames() returns java.util.Enumeration
GenericPortlet	SIG Render	hasGetInitParameterReturns	TRUE	GenericPortlet method getInitParameter(String) returns String
GenericPortlet	SIG Render	hasGetNextPossiblePortletModes	TRUE	GenericPortlet has a getNextPossiblePortletModes(RenderRequest) method
GenericPortlet	SIG Render	hasGetNextPossiblePortletModesReturns	TRUE	GenericPortlet method getNextPossiblePortletModes(RenderRequest) returns java.util.Collection
GenericPortlet	SIG Render	hasGetPortletConfig	TRUE	GenericPortlet has a getPortletConfig() method
GenericPortlet	SIG Render	hasGetPortletConfigReturns	TRUE	GenericPortlet method getPortletConfig() returns PortletConfig
GenericPortlet	SIG Render	hasGetPortletContext	TRUE	GenericPortlet has a getPortletContext() method
GenericPortlet	SIG Render	hasGetPortletContextReturns	TRUE	GenericPortlet method getPortletContext() returns PortletContext
GenericPortlet	SIG Render	hasGetPortletName	TRUE	GenericPortlet has a getPortletName() method
GenericPortlet	SIG Render	hasGetPortletNameReturns	TRUE	GenericPortlet method getPortletName() returns String
GenericPortlet	SIG Render	hasGetProcessingEventQNames	TRUE	GenericPortlet has a getProcessingEventQNames() method

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
GenericPortlet	SIG Render	hasGetProcessingEventQNamesReturns	TRUE	GenericPortlet method <code>getProcessingEventQNames()</code> returns <code>java.util.Enumeration</code>
GenericPortlet	SIG Render	hasGetPublicRenderParameterNames	TRUE	GenericPortlet has a <code>getPublicRenderParameterNames()</code> method
GenericPortlet	SIG Render	hasGetPublicRenderParameterNamesReturns	TRUE	GenericPortlet method <code>getPublicRenderParameterNames()</code> returns <code>java.util.Enumeration</code>
GenericPortlet	SIG Render	hasGetPublishingEventQNames	TRUE	GenericPortlet has a <code>getPublishingEventQNames()</code> method
GenericPortlet	SIG Render	hasGetPublishingEventQNamesReturns	TRUE	GenericPortlet method <code>getPublishingEventQNames()</code> returns <code>java.util.Enumeration</code>
GenericPortlet	SIG Render	hasGetResourceBundle	TRUE	GenericPortlet has a <code>getResourceBundle(java.util.Locale)</code> method
GenericPortlet	SIG Render	hasGetResourceBundleReturns	TRUE	GenericPortlet method <code>getResourceBundle(java.util.Locale)</code> returns <code>java.util.ResourceBundle</code>
GenericPortlet	SIG Render	hasGetSupportedLocales	TRUE	GenericPortlet has a <code>getSupportedLocales()</code> method
GenericPortlet	SIG Render	hasGetSupportedLocalesReturns	TRUE	GenericPortlet method <code>getSupportedLocales()</code> returns <code>java.util.Enumeration</code>
GenericPortlet	SIG Render	hasGetTitle	TRUE	GenericPortlet has a <code>getTitle(RenderRequest)</code> method
GenericPortlet	SIG Render	hasGetTitleReturns	TRUE	GenericPortlet method <code>getTitle(RenderRequest)</code> returns <code>String</code>
GenericPortlet	SIG Render	hasInit	TRUE	GenericPortlet has a <code>init(PortletConfig)</code> throws <code>PortletException</code> method
GenericPortlet	SIG Render	hasInitA	TRUE	GenericPortlet has a <code>init()</code> throws <code>PortletException</code> method
GenericPortlet	SIG Render	hasInitReturns	TRUE	GenericPortlet method <code>init(PortletConfig)</code> returns <code>void</code>
GenericPortlet	SIG Render	hasInitReturnsA	TRUE	GenericPortlet method <code>init()</code> returns <code>void</code>
GenericPortlet	SIG Render	hasProcessAction	TRUE	GenericPortlet has a <code>processAction(ActionRequest, ActionResponse)</code> throws <code>PortletException</code> , <code>java.io.IOException</code> method
GenericPortlet	SIG Render	hasProcessActionReturns	TRUE	GenericPortlet method <code>processAction(ActionRequest, ActionResponse)</code> returns <code>void</code>
GenericPortlet	SIG Render	hasProcessEvent	TRUE	GenericPortlet has a <code>processEvent(EventRequest, EventResponse)</code> throws <code>PortletException</code> , <code>java.io.IOException</code> method
GenericPortlet	SIG Render	hasProcessEventReturns	TRUE	GenericPortlet method <code>processEvent(EventRequest, EventResponse)</code> returns <code>void</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
GenericPortlet	SIG Render	hasRender	TRUE	GenericPortlet has a render(RenderRequest, RenderResponse) throws PortletException, java.io.IOException method
GenericPortlet	SIG Render	hasRenderReturns	TRUE	GenericPortlet method render(RenderRequest, RenderResponse) returns void
GenericPortlet	SIG Render	hasServeResource	TRUE	GenericPortlet has a serveResource(ResourceRequest, ResourceResponse) throws PortletException, java.io.IOException method
GenericPortlet	SIG Render	hasServeResourceReturns	TRUE	GenericPortlet method serveResource(ResourceRequest, ResourceResponse) returns void
GenericPortlet	SIG Render	implementsEventPortlet	TRUE	GenericPortlet implements EventPortlet
GenericPortlet	SIG Render	implementsPortlet	TRUE	GenericPortlet implements Portlet
GenericPortlet	SIG Render	implementsPortletConfig	TRUE	GenericPortlet implements PortletConfig
GenericPortlet	SIG Render	implementsResourceServingPortlet	TRUE	GenericPortlet implements ResourceServingPortlet
PortalContext	SIG Render	fieldMARKUP_HEAD_ELEMENT_SUPPORT	TRUE	PortalContext has String field MARKUP_HEAD_ELEMENT_SUPPORT
PortalContext	SIG Render	hasGetPortalInfo	TRUE	PortalContext has a getPortalInfo() method
PortalContext	SIG Render	hasGetPortalInfoReturns	TRUE	PortalContext method getPortalInfo() returns String
PortalContext	SIG Render	hasGetProperty	TRUE	PortalContext has a getProperty(String) method
PortalContext	SIG Render	hasGetPropertyNames	TRUE	PortalContext has a getPropertyNames() method
PortalContext	SIG Render	hasGetPropertyNamesReturns	TRUE	PortalContext method getPropertyNames() returns java.util.Enumeration
PortalContext	SIG Render	hasGetPropertyReturns	TRUE	PortalContext method getProperty(String) returns String
PortalContext	SIG Render	hasGetSupportedPortletModes	TRUE	PortalContext has a getSupportedPortletModes() method
PortalContext	SIG Render	hasGetSupportedPortletModesReturns	TRUE	PortalContext method getSupportedPortletModes() returns java.util.Enumeration
PortalContext	SIG Render	hasGetSupportedWindowState	TRUE	PortalContext has a getSupportedWindowStates() method
PortalContext	SIG Render	hasGetSupportedWindowStateReturns	TRUE	PortalContext method getSupportedWindowStates() returns java.util.Enumeration
Portlet	SIG Render	hasDestroy	TRUE	Portlet has a destroy() method

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
Portlet	SIG Render	hasDestroyReturns	TRUE	Portlet method destroy() returns void
Portlet	SIG Render	hasInit	TRUE	Portlet has a init(PortletConfig) throws PortletException method
Portlet	SIG Render	hasInitReturns	TRUE	Portlet method init(PortletConfig) returns void
Portlet	SIG Render	hasProcessAction	TRUE	Portlet has a processAction(ActionRequest, ActionResponse) throws PortletException, java.io.IOException method
Portlet	SIG Render	hasProcessActionReturns	TRUE	Portlet method processAction(ActionRequest, ActionResponse) returns void
Portlet	SIG Render	hasRender	TRUE	Portlet has a render(RenderRequest, RenderResponse) throws PortletException, java.io.IOException method
Portlet	SIG Render	hasRenderReturns	TRUE	Portlet method render(RenderRequest, RenderResponse) returns void
PortletConfig	SIG Render	hasGetContainerRuntimeOptions	TRUE	PortletConfig has a getContainerRuntimeOptions() method
PortletConfig	SIG Render	hasGetContainerRuntimeOptionsReturns	TRUE	PortletConfig method getContainerRuntimeOptions() returns java.util.Map
PortletConfig	SIG Render	hasGetDefaultNamespace	TRUE	PortletConfig has a getDefaultNamespace() method
PortletConfig	SIG Render	hasGetDefaultNamespaceReturns	TRUE	PortletConfig method getDefaultNamespace() returns String
PortletConfig	SIG Render	hasGetInitParameter	TRUE	PortletConfig has a getInitParameter(String) method
PortletConfig	SIG Render	hasGetInitParameterNames	TRUE	PortletConfig has a getInitParameterNames() method
PortletConfig	SIG Render	hasGetInitParameterNamesReturns	TRUE	PortletConfig method getInitParameterNames() returns java.util.Enumeration
PortletConfig	SIG Render	hasGetInitParameterReturns	TRUE	PortletConfig method getInitParameter(String) returns String
PortletConfig	SIG Render	hasGetPortletContext	TRUE	PortletConfig has a getPortletContext() method
PortletConfig	SIG Render	hasGetPortletContextReturns	TRUE	PortletConfig method getPortletContext() returns PortletContext
PortletConfig	SIG Render	hasGetPortletName	TRUE	PortletConfig has a getPortletName() method
PortletConfig	SIG Render	hasGetPortletNameReturns	TRUE	PortletConfig method getPortletName() returns String
PortletConfig	SIG Render	hasGetProcessingEventQNames	TRUE	PortletConfig has a getProcessingEventQNames() method

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
PortletConfig	SIG Render	hasGetProcessingEventQNamesReturns	TRUE	PortletConfig method getProcessingEventQNames() returns java.util.Enumeration
PortletConfig	SIG Render	hasGetPublicRenderParameterNames	TRUE	PortletConfig has a getPublicRenderParameterNames() method
PortletConfig	SIG Render	hasGetPublicRenderParameterNamesReturns	TRUE	PortletConfig method getPublicRenderParameterNames() returns java.util.Enumeration
PortletConfig	SIG Render	hasGetPublishingEventQNames	TRUE	PortletConfig has a getPublishingEventQNames() method
PortletConfig	SIG Render	hasGetPublishingEventQNamesReturns	TRUE	PortletConfig method getPublishingEventQNames() returns java.util.Enumeration
PortletConfig	SIG Render	hasGetResourceBundle	TRUE	PortletConfig has a getResourceBundle(java.util.Locale) method
PortletConfig	SIG Render	hasGetResourceBundleReturns	TRUE	PortletConfig method getResourceBundle(java.util.Locale) returns java.util.ResourceBundle
PortletConfig	SIG Render	hasGetSupportedLocales	TRUE	PortletConfig has a getSupportedLocales() method
PortletConfig	SIG Render	hasGetSupportedLocalesReturns	TRUE	PortletConfig method getSupportedLocales() returns java.util.Enumeration
PortletContext	SIG Render	hasGetAttribute	TRUE	PortletContext has a getAttribute(String) method
PortletContext	SIG Render	hasGetAttributeNames	TRUE	PortletContext has a getAttributeNames() method
PortletContext	SIG Render	hasGetAttributeNamesReturns	TRUE	PortletContext method getAttributeNames() returns java.util.Enumeration
PortletContext	SIG Render	hasGetAttributeReturns	TRUE	PortletContext method getAttribute(String) returns Object
PortletContext	SIG Render	hasGetContainerRuntimeOptions	TRUE	PortletContext has a getContainerRuntimeOptions() method
PortletContext	SIG Render	hasGetContainerRuntimeOptionsReturns	TRUE	PortletContext method getContainerRuntimeOptions() returns java.util.Enumeration
PortletContext	SIG Render	hasGetInitParameter	TRUE	PortletContext has a getInitParameter(String) method
PortletContext	SIG Render	hasGetInitParameterNames	TRUE	PortletContext has a getInitParameterNames() method
PortletContext	SIG Render	hasGetInitParameterNamesReturns	TRUE	PortletContext method getInitParameterNames() returns java.util.Enumeration
PortletContext	SIG Render	hasGetInitParameterReturns	TRUE	PortletContext method getInitParameter(String) returns String

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
PortletContext	SIG Render	hasGetMajorVersion	TRUE	PortletContext has a getMajorVersion() method
PortletContext	SIG Render	hasGetMajorVersionReturns	TRUE	PortletContext method getMajorVersion() returns int
PortletContext	SIG Render	hasGetMimeType	TRUE	PortletContext has a getMimeType(String) method
PortletContext	SIG Render	hasGetMimeTypeReturns	TRUE	PortletContext method getMimeType(String) returns String
PortletContext	SIG Render	hasGetMinorVersion	TRUE	PortletContext has a getMinorVersion() method
PortletContext	SIG Render	hasGetMinorVersionReturns	TRUE	PortletContext method getMinorVersion() returns int
PortletContext	SIG Render	hasGetNamedDispatcher	TRUE	PortletContext has a getNamedDispatcher(String) method
PortletContext	SIG Render	hasGetNamedDispatcherReturns	TRUE	PortletContext method getNamedDispatcher(String) returns PortletRequestDispatcher
PortletContext	SIG Render	hasGetPortletContextName	TRUE	PortletContext has a getPortletContextName() method
PortletContext	SIG Render	hasGetPortletContextNameReturns	TRUE	PortletContext method getPortletContextName() returns String
PortletContext	SIG Render	hasGetRealPath	TRUE	PortletContext has a getRealPath(String) method
PortletContext	SIG Render	hasGetRealPathReturns	TRUE	PortletContext method getRealPath(String) returns String
PortletContext	SIG Render	hasGetRequestDispatcher	TRUE	PortletContext has a getRequestDispatcher(String) method
PortletContext	SIG Render	hasGetRequestDispatcherReturns	TRUE	PortletContext method getRequestDispatcher(String) returns PortletRequestDispatcher
PortletContext	SIG Render	hasGetResource	TRUE	PortletContext has a getResource(String) throws java.net.MalformedURLException method
PortletContext	SIG Render	hasGetResourceAsStream	TRUE	PortletContext has a getResourceAsStream(String) method
PortletContext	SIG Render	hasGetResourceAsStreamReturns	TRUE	PortletContext method getResourceAsStream(String) returns java.io.InputStream
PortletContext	SIG Render	hasGetResourcePaths	TRUE	PortletContext has a getResourcePaths(String) method
PortletContext	SIG Render	hasGetResourcePathsReturns	TRUE	PortletContext method getResourcePaths(String) returns java.util.Set
PortletContext	SIG Render	hasGetResourceReturns	TRUE	PortletContext method getResource(String) returns java.net.URL
PortletContext	SIG Render	hasGetServerInfo	TRUE	PortletContext has a getServerInfo() method
PortletContext	SIG Render	hasGetServerInfoReturns	TRUE	PortletContext method getServerInfo() returns String
PortletContext	SIG Render	hasLog	TRUE	PortletContext has a log(String) method

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
PortletContext	SIG Render	hasLogA	TRUE	PortletContext has a log(String, Throwable) method
PortletContext	SIG Render	hasLogReturns	TRUE	PortletContext method log(String) returns void
PortletContext	SIG Render	hasLogReturnsA	TRUE	PortletContext method log(String, Throwable) returns void
PortletContext	SIG Render	hasRemoveAttribute	TRUE	PortletContext has a removeAttribute(String) method
PortletContext	SIG Render	hasRemoveAttributeReturns	TRUE	PortletContext method removeAttribute(String) returns void
PortletContext	SIG Render	hasSetAttribute	TRUE	PortletContext has a setAttribute(String, Object) method
PortletContext	SIG Render	hasSetAttributeReturns	TRUE	PortletContext method setAttribute(String, Object) returns void
PortletMode	SIG Render	constructor	TRUE	PortletMode provides constructor PortletMode(String)
PortletMode	SIG Render	fieldEDIT	TRUE	PortletMode has PortletMode field EDIT
PortletMode	SIG Render	fieldHELP	TRUE	PortletMode has PortletMode field HELP
PortletMode	SIG Render	fieldVIEW	TRUE	PortletMode has PortletMode field VIEW
PortletMode	SIG Render	hasEquals	TRUE	PortletMode has a equals(Object) method
PortletMode	SIG Render	hasEqualsReturns	TRUE	PortletMode method equals(Object) returns boolean
PortletMode	SIG Render	hashCode	TRUE	PortletMode has a hashCode() method
PortletMode	SIG Render	hashCodeReturns	TRUE	PortletMode method hashCode() returns int
PortletMode	SIG Render	toString	TRUE	PortletMode has a toString() method
PortletMode	SIG Render	toStringReturns	TRUE	PortletMode method toString() returns String
PortletPreferences	SIG Render	getMap	TRUE	PortletPreferences has a getMap() method
PortletPreferences	SIG Render	getMapReturns	TRUE	PortletPreferences method getMap() returns java.util.Map
PortletPreferences	SIG Render	getNames	TRUE	PortletPreferences has a getNames() method
PortletPreferences	SIG Render	getNamesReturns	TRUE	PortletPreferences method getNames() returns java.util.Enumeration
PortletPreferences	SIG Render	getValue	TRUE	PortletPreferences has a getValue(String, String) method
PortletPreferences	SIG Render	getValueReturns	TRUE	PortletPreferences method getValue(String, String) returns String
PortletPreferences	SIG Render	getValues	TRUE	PortletPreferences has a getValues(String, String[]) method
PortletPreferences	SIG Render	getValuesReturns	TRUE	PortletPreferences method getValues(String, String[]) returns String[]
PortletPreferences	SIG Render	isReadOnly	TRUE	PortletPreferences has a isReadOnly(String) method

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
PortletPreferences	SIG Render	hasIsReadOnlyReturns	TRUE	PortletPreferences method isReadOnly(String) returns boolean
PortletPreferences	SIG Render	hasReset	TRUE	PortletPreferences has a reset(String) throws ReadOnlyException method
PortletPreferences	SIG Render	hasResetReturns	TRUE	PortletPreferences method reset(String) returns void
PortletPreferences	SIG Render	hasSetValue	TRUE	PortletPreferences has a setValue(String, String) throws ReadOnlyException method
PortletPreferences	SIG Render	hasSetValueReturns	TRUE	PortletPreferences method setValue(String, String) returns void
PortletPreferences	SIG Render	hasSetValues	TRUE	PortletPreferences has a setValues(String, String[]) throws ReadOnlyException method
PortletPreferences	SIG Render	hasSetValuesReturns	TRUE	PortletPreferences method setValues(String, String[]) returns void
PortletPreferences	SIG Render	hasStore	TRUE	PortletPreferences has a store() throws java.io.IOException, ValidatorException method
PortletPreferences	SIG Render	hasStoreReturns	TRUE	PortletPreferences method store() returns void
PortletRequestDispatcher	SIG Render	hasForward	TRUE	PortletRequestDispatcher has a forward(PortletRequest, PortletResponse) throws PortletException, java.io.IOException method
PortletRequestDispatcher	SIG Render	hasForwardReturns	TRUE	PortletRequestDispatcher method forward(PortletRequest, PortletResponse) returns void
PortletRequestDispatcher	SIG Render	hasInclude	TRUE	PortletRequestDispatcher has a include(RenderRequest, RenderResponse) throws PortletException, java.io.IOException method
PortletRequestDispatcher	SIG Render	hasIncludeA	TRUE	PortletRequestDispatcher has a include(PortletRequest, PortletResponse) throws PortletException, java.io.IOException method
PortletRequestDispatcher	SIG Render	hasIncludeReturns	TRUE	PortletRequestDispatcher method include(RenderRequest, RenderResponse) returns void
PortletRequestDispatcher	SIG Render	hasIncludeReturnsA	TRUE	PortletRequestDispatcher method include(PortletRequest, PortletResponse) returns void
PortletSession	SIG Render	fieldAPPLICATION_SCOPE	TRUE	PortletSession has int field APPLICATION_SCOPE
PortletSession	SIG Render	fieldPORTLET_SCOPE	TRUE	PortletSession has int field PORTLET_SCOPE
PortletSession	SIG Render	hasGetAttribute	TRUE	PortletSession has a getAttribute(String) method
PortletSession	SIG Render	hasGetAttributeA	TRUE	PortletSession has a getAttribute(String, int) method
PortletSession	SIG Render	hasGetAttributeMap	TRUE	PortletSession has a getAttributeMap() method

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
PortletSession	SIG Render	hasGetAttributeMapA	TRUE	PortletSession has a getAttributeMap(int) method
PortletSession	SIG Render	hasGetAttributeMapReturns	TRUE	PortletSession method getAttributeMap() returns java.util.Map
PortletSession	SIG Render	hasGetAttributeMapReturnsA	TRUE	PortletSession method getAttributeMap(int) returns java.util.Map
PortletSession	SIG Render	hasGetAttributeNames	TRUE	PortletSession has a getAttributeNames() method
PortletSession	SIG Render	hasGetAttributeNamesA	TRUE	PortletSession has a getAttributeNames(int) method
PortletSession	SIG Render	hasGetAttributeNamesReturns	TRUE	PortletSession method getAttributeNames() returns java.util.Enumerations
PortletSession	SIG Render	hasGetAttributeNamesReturnsA	TRUE	PortletSession method getAttributeNames(int) returns java.util.EnumerationsA
PortletSession	SIG Render	hasGetAttributeReturns	TRUE	PortletSession method getAttribute(String) returns Object
PortletSession	SIG Render	hasGetAttributeReturnsA	TRUE	PortletSession method getAttribute(String, int) returns Object
PortletSession	SIG Render	hasGetCreationTime	TRUE	PortletSession has a getCreationTime() method
PortletSession	SIG Render	hasGetCreationTimeReturns	TRUE	PortletSession method getCreationTime() returns long
PortletSession	SIG Render	hasGetId	TRUE	PortletSession has a getId() method
PortletSession	SIG Render	hasGetIdReturns	TRUE	PortletSession method getId() returns String
PortletSession	SIG Render	hasGetLastAccessedTime	TRUE	PortletSession has a getLastAccessedTime() method
PortletSession	SIG Render	hasGetLastAccessedTimeReturns	TRUE	PortletSession method getLastAccessedTime() returns long
PortletSession	SIG Render	hasGetMaxInactiveInterval	TRUE	PortletSession has a getMaxInactiveInterval() method
PortletSession	SIG Render	hasGetMaxInactiveIntervalReturns	TRUE	PortletSession method getMaxInactiveInterval() returns int
PortletSession	SIG Render	hasGetPortletContext	TRUE	PortletSession has a getPortletContext() method
PortletSession	SIG Render	hasGetPortletContextReturns	TRUE	PortletSession method getPortletContext() returns PortletContext
PortletSession	SIG Render	hasInvalidate	TRUE	PortletSession has a invalidate() method
PortletSession	SIG Render	hasInvalidateReturns	TRUE	PortletSession method invalidate() returns void
PortletSession	SIG Render	hasIsNew	TRUE	PortletSession has a isNew() method
PortletSession	SIG Render	hasIsNewReturns	TRUE	PortletSession method isNew() returns boolean

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
PortletSession	SIG Render	hasRemoveAttribute	TRUE	PortletSession has a removeAttribute(String) method
PortletSession	SIG Render	hasRemoveAttributeA	TRUE	PortletSession has a removeAttribute(String, int) method
PortletSession	SIG Render	hasRemoveAttributeReturns	TRUE	PortletSession method removeAttribute(String) returns void
PortletSession	SIG Render	hasRemoveAttributeReturnsA	TRUE	PortletSession method removeAttribute(String, int) returns void
PortletSession	SIG Render	hasSetAttribute	TRUE	PortletSession has a setAttribute(String, Object) method
PortletSession	SIG Render	hasSetAttributeA	TRUE	PortletSession has a setAttribute(String, Object, int) method
PortletSession	SIG Render	hasSetAttributeReturns	TRUE	PortletSession method setAttribute(String, Object) returns void
PortletSession	SIG Render	hasSetAttributeReturnsA	TRUE	PortletSession method setAttribute(String, Object, int) returns void
PortletSession	SIG Render	hasSetMaxInactiveInterval	TRUE	PortletSession has a setMaxInactiveInterval(int) method
PortletSession	SIG Render	hasSetMaxInactiveIntervalReturns	TRUE	PortletSession method setMaxInactiveInterval(int) returns void
PortletSessionUtil	SIG Render	constructor	TRUE	PortletSessionUtil provides constructor PortletSessionUtil()
PortletSessionUtil	SIG Render	hasDecodeAttributeName	TRUE	PortletSessionUtil has a decodeAttributeName(String) method
PortletSessionUtil	SIG Render	hasDecodeAttributeNameReturns	TRUE	PortletSessionUtil method decodeAttributeName(String) returns String
PortletSessionUtil	SIG Render	hasDecodeScope	TRUE	PortletSessionUtil has a decodeScope(String) method
PortletSessionUtil	SIG Render	hasDecodeScopeReturns	TRUE	PortletSessionUtil method decodeScope(String) returns int
PortletURLGenerationListener	SIG Render	hasFilterActionURL	TRUE	PortletURLGenerationListener has a filterActionURL(PortletURL) method
PortletURLGenerationListener	SIG Render	hasFilterActionURLReturns	TRUE	PortletURLGenerationListener method filterActionURL(PortletURL) returns void
PortletURLGenerationListener	SIG Render	hasFilterRenderURL	TRUE	PortletURLGenerationListener has a filterRenderURL(PortletURL) method
PortletURLGenerationListener	SIG Render	hasFilterRenderURLReturns	TRUE	PortletURLGenerationListener method filterRenderURL(PortletURL) returns void
PortletURLGenerationListener	SIG Render	hasFilterResourceURL	TRUE	PortletURLGenerationListener has a filterResourceURL(ResourceURL) method
PortletURLGenerationListener	SIG Render	hasFilterResourceURLReturns	TRUE	PortletURLGenerationListener method filterResourceURL(ResourceURL) returns void

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
PreferencesValidator	SIG Render	hasValidate	TRUE	PreferencesValidator has a validate(PortletPreferences) throws ValidatorException method
PreferencesValidator	SIG Render	hasValidateReturns	TRUE	PreferencesValidator method validate(PortletPreferences) returns void
ProcessAction	SIG Render	hasName	TRUE	ProcessAction has a name() method
ProcessAction	SIG Render	hasNameReturns	TRUE	ProcessAction method name() returns String
ProcessAction	SIG Render	isAnnotation	TRUE	ProcessAction is an Annotation
ProcessEvent	SIG Render	hasName	TRUE	ProcessEvent has a name() method
ProcessEvent	SIG Render	hasNameReturns	TRUE	ProcessEvent method name() returns String
ProcessEvent	SIG Render	hasQname	TRUE	ProcessEvent has a qname() method
ProcessEvent	SIG Render	hasQnameReturns	TRUE	ProcessEvent method qname() returns String
ProcessEvent	SIG Render	isAnnotation	TRUE	ProcessEvent is an Annotation
RenderMode	SIG Render	hasName	TRUE	RenderMode has a name() method
RenderMode	SIG Render	hasNameReturns	TRUE	RenderMode method name() returns String
RenderMode	SIG Render	isAnnotation	TRUE	RenderMode is an Annotation
ResourceServingPortlet	SIG Render	hasServeResource	TRUE	ResourceServingPortlet has a serveResource(ResourceRequest, ResourceResponse) throws PortletException, java.io.IOException method
ResourceServingPortlet	SIG Render	hasServeResourceReturns	TRUE	ResourceServingPortlet method serveResource(ResourceRequest, ResourceResponse) returns void
WindowState	SIG Render	constructor	TRUE	WindowState provides constructor WindowState(String)
WindowState	SIG Render	fieldMAXIMIZED	TRUE	WindowState has WindowState field MAXIMIZED
WindowState	SIG Render	fieldMINIMIZED	TRUE	WindowState has WindowState field MINIMIZED
WindowState	SIG Render	fieldNORMAL	TRUE	WindowState has WindowState field NORMAL
WindowState	SIG Render	hasEquals	TRUE	WindowState has a equals(Object) method
WindowState	SIG Render	hasEqualsReturns	TRUE	WindowState method equals(Object) returns boolean
WindowState	SIG Render	hashCode	TRUE	WindowState has a hashCode() method
WindowState	SIG Render	hashCodeReturns	TRUE	WindowState method hashCode() returns int

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
WindowState	SIG Render	hasToString	TRUE	WindowState has a toString() method
WindowState	SIG Render	hasToStringReturns	TRUE	WindowState method toString() returns String
<b>Sig Tests Event</b>				
Event	SIG Event	hasGetName	TRUE	Event has a getName() method
Event	SIG Event	hasGetNameReturns	TRUE	Event method getName() returns String
Event	SIG Event	hasGetQName	TRUE	Event has a getQName() method
Event	SIG Event	hasGetQNameReturns	TRUE	Event method getQName() returns javax.xml.namespace.QName
Event	SIG Event	hasGetValue	TRUE	Event has a getValue() method
Event	SIG Event	hasGetValueReturns	TRUE	Event method getValue() returns java.io.Serializable
EventRequest	SIG Event	hasGetEvent	TRUE	EventRequest has a getEvent() method
EventRequest	SIG Event	hasGetEventReturns	TRUE	EventRequest method getEvent() returns Event
EventRequest	SIG Event	hasGetMethod	TRUE	EventRequest has a getMethod() method
EventRequest	SIG Event	hasGetMethodReturns	TRUE	EventRequest method getMethod() returns String
EventRequest	SIG Event	implementsPortletRequest	TRUE	EventRequest implements PortletRequest
EventResponse	SIG Event	hasSetRenderParameters	TRUE	EventResponse has a setRenderParameters(EventRequest) method
EventResponse	SIG Event	hasSetRenderParametersReturns	TRUE	EventResponse method setRenderParameters(EventRequest) returns void
EventResponse	SIG Event	implementsStateAwareResponse	TRUE	EventResponse implements StateAwareResponse
PortletRequest	SIG Event	fieldACTION_PHASE	TRUE	EventRequest has String field ACTION_PHASE
PortletRequest	SIG Event	fieldACTION_SCOPE_ID	TRUE	EventRequest has String field ACTION_SCOPE_ID
PortletRequest	SIG Event	fieldBASIC_AUTH	TRUE	EventRequest has String field BASIC_AUTH
PortletRequest	SIG Event	fieldCCPP_PROFILE	TRUE	EventRequest has String field CCPP_PROFILE
PortletRequest	SIG Event	fieldCLIENT_CERT_AUTH	TRUE	EventRequest has String field CLIENT_CERT_AUTH
PortletRequest	SIG Event	fieldDIGEST_AUTH	TRUE	EventRequest has String field DIGEST_AUTH
PortletRequest	SIG Event	fieldEVENT_PHASE	TRUE	EventRequest has String field EVENT_PHASE

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
PortletRequest	SIG Event	fieldFORM_AUTH	TRUE	EventRequest has String field FORM_AUTH
PortletRequest	SIG Event	fieldLIFECYCLE_PHASE	TRUE	EventRequest has String field LIFECYCLE_PHASE
PortletRequest	SIG Event	fieldRENDER_HEADERS	TRUE	EventRequest has String field RENDER_HEADERS
PortletRequest	SIG Event	fieldRENDER_MARKUP	TRUE	EventRequest has String field RENDER_MARKUP
PortletRequest	SIG Event	fieldRENDER_PART	TRUE	EventRequest has String field RENDER_PART
PortletRequest	SIG Event	fieldRENDER_PHASE	TRUE	EventRequest has String field RENDER_PHASE
PortletRequest	SIG Event	fieldRESOURCE_PHASE	TRUE	EventRequest has String field RESOURCE_PHASE
PortletRequest	SIG Event	fieldUSER_INFO	TRUE	EventRequest has String field USER_INFO
PortletRequest	SIG Event	hasGetAttribute	TRUE	EventRequest has a <code>getAttribute(String)</code> method
PortletRequest	SIG Event	hasGetAttributeNames	TRUE	EventRequest has a <code>getAttributeNames()</code> method
PortletRequest	SIG Event	hasGetAttributeNamesReturns	TRUE	EventRequest method <code>getAttributeNames()</code> returns <code>java.util.Enumeration</code>
PortletRequest	SIG Event	hasGetAttributeReturns	TRUE	EventRequest method <code>getAttribute(String)</code> returns <code>Object</code>
PortletRequest	SIG Event	hasGetAuthType	TRUE	EventRequest has a <code>getAuthType()</code> method
PortletRequest	SIG Event	hasGetAuthTypeReturns	TRUE	EventRequest method <code>getAuthType()</code> returns <code>String</code>
PortletRequest	SIG Event	hasGetContextPath	TRUE	EventRequest has a <code>getContextPath()</code> method
PortletRequest	SIG Event	hasGetContextPathReturns	TRUE	EventRequest method <code>getContextPath()</code> returns <code>String</code>
PortletRequest	SIG Event	hasGetCookies	TRUE	EventRequest has a <code>getCookies()</code> method
PortletRequest	SIG Event	hasGetCookiesReturns	TRUE	EventRequest method <code>getCookies()</code> returns <code>javax.servlet.http.Cookie[]</code>
PortletRequest	SIG Event	hasGetLocale	TRUE	EventRequest has a <code>getLocale()</code> method
PortletRequest	SIG Event	hasGetLocaleReturns	TRUE	EventRequest method <code>getLocale()</code> returns <code>java.util.Locale</code>
PortletRequest	SIG Event	hasGetLocales	TRUE	EventRequest has a <code>getLocales()</code> method
PortletRequest	SIG Event	hasGetLocalesReturns	TRUE	EventRequest method <code>getLocales()</code> returns <code>java.util.Enumeration</code>
PortletRequest	SIG Event	hasGetParameter	TRUE	EventRequest has a <code>getParameter(String)</code> method
PortletRequest	SIG Event	hasGetParameterMap	TRUE	EventRequest has a <code>getParameterMap()</code> method
PortletRequest	SIG Event	hasGetParameterMapReturns	TRUE	EventRequest method <code>getParameterMap()</code> returns <code>java.util.Map</code>

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
PortletRequest	SIG Event	hasGetParameterNames	TRUE	EventRequest has a getParameterNames() method
PortletRequest	SIG Event	hasGetParameterNamesReturns	TRUE	EventRequest method getParameterNames() returns java.util.Enumeration
PortletRequest	SIG Event	hasGetParameterReturns	TRUE	EventRequest method getParameter(String) returns String
PortletRequest	SIG Event	hasGetParameterValues	TRUE	EventRequest has a getParameterValues(String) method
PortletRequest	SIG Event	hasGetParameterValuesReturns	TRUE	EventRequest method getParameterValues(String) returns String[]
PortletRequest	SIG Event	hasGetPortalContext	TRUE	EventRequest has a getPortalContext() method
PortletRequest	SIG Event	hasGetPortalContextReturns	TRUE	EventRequest method getPortalContext() returns PortalContext
PortletRequest	SIG Event	hasGetPortletMode	TRUE	EventRequest has a getPortletMode() method
PortletRequest	SIG Event	hasGetPortletModeReturns	TRUE	EventRequest method getPortletMode() returns PortletMode
PortletRequest	SIG Event	hasGetPortletSession	TRUE	EventRequest has a getPortletSession() method
PortletRequest	SIG Event	hasGetPortletSessionA	TRUE	EventRequest has a getPortletSession(boolean) method
PortletRequest	SIG Event	hasGetPortletSessionReturns	TRUE	EventRequest method getPortletSession() returns PortletSession
PortletRequest	SIG Event	hasGetPortletSessionReturnsA	TRUE	EventRequest method getPortletSession(boolean) returns PortletSession
PortletRequest	SIG Event	hasGetPreferences	TRUE	EventRequest has a getPreferences() method
PortletRequest	SIG Event	hasGetPreferencesReturns	TRUE	EventRequest method getPreferences() returns PortletPreferences
PortletRequest	SIG Event	hasGetPrivateParameterMap	TRUE	EventRequest has a getPrivateParameterMap() method
PortletRequest	SIG Event	hasGetPrivateParameterMapReturns	TRUE	EventRequest method getPrivateParameterMap() returns java.util.Map
PortletRequest	SIG Event	hasGetProperties	TRUE	EventRequest has a getProperties(String) method
PortletRequest	SIG Event	hasGetPropertiesReturns	TRUE	EventRequest method getProperties(String) returns java.util.Enumeration
PortletRequest	SIG Event	hasGetProperty	TRUE	EventRequest has a getProperty(String) method
PortletRequest	SIG Event	hasGetPropertyNames	TRUE	EventRequest has a getPropertyNames() method
PortletRequest	SIG Event	hasGetPropertyNamesReturns	TRUE	EventRequest method getPropertyNames() returns java.util.Enumeration
PortletRequest	SIG Event	hasGetPropertyReturns	TRUE	EventRequest method getProperty(String) returns String

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
PortletRequest	SIG Event	hasGetPublicParameterMap	TRUE	EventRequest has a getPublicParameterMap() method
PortletRequest	SIG Event	hasGetPublicParameterMapReturns	TRUE	EventRequest method getPublicParameterMap() returns java.util.Map
PortletRequest	SIG Event	hasGetRemoteUser	TRUE	EventRequest has a getRemoteUser() method
PortletRequest	SIG Event	hasGetRemoteUserReturns	TRUE	EventRequest method getRemoteUser() returns String
PortletRequest	SIG Event	hasGetRequestedSessionId	TRUE	EventRequest has a getRequestedSessionId() method
PortletRequest	SIG Event	hasGetRequestedSessionIdReturns	TRUE	EventRequest method getRequestedSessionId() returns String
PortletRequest	SIG Event	hasGetResponseContentType	TRUE	EventRequest has a getResponseContentType() method
PortletRequest	SIG Event	hasGetResponseContentTypeReturns	TRUE	EventRequest method getResponseContentType() returns String
PortletRequest	SIG Event	hasGetResponseContentTypes	TRUE	EventRequest has a getResponseContentTypes() method
PortletRequest	SIG Event	hasGetResponseContentTypesReturns	TRUE	EventRequest method getResponseContentTypes() returns java.util.Enumeration
PortletRequest	SIG Event	hasGetScheme	TRUE	EventRequest has a getScheme() method
PortletRequest	SIG Event	hasGetSchemeReturns	TRUE	EventRequest method getScheme() returns String
PortletRequest	SIG Event	hasGetServerName	TRUE	EventRequest has a getServerName() method
PortletRequest	SIG Event	hasGetServerNameReturns	TRUE	EventRequest method getServerName() returns String
PortletRequest	SIG Event	hasGetServerPort	TRUE	EventRequest has a getServerPort() method
PortletRequest	SIG Event	hasGetServerPortReturns	TRUE	EventRequest method getServerPort() returns int
PortletRequest	SIG Event	hasGetUserPrincipal	TRUE	EventRequest has a getUserPrincipal() method
PortletRequest	SIG Event	hasGetUserPrincipalReturns	TRUE	EventRequest method getUserPrincipal() returns java.security.Principal
PortletRequest	SIG Event	hasGetWindowID	TRUE	EventRequest has a getWindowID() method
PortletRequest	SIG Event	hasGetWindowIDReturns	TRUE	EventRequest method getWindowID() returns String
PortletRequest	SIG Event	hasGetWindowState	TRUE	EventRequest has a getWindowState() method
PortletRequest	SIG Event	hasGetWindowStateReturns	TRUE	EventRequest method getWindowState() returns WindowState
PortletRequest	SIG Event	hasIsPortletModeAllowed	TRUE	EventRequest has a isPortletModeAllowed(PortletMode) method

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
PortletRequest	SIG Event	hasIsPortletModeAllowedReturns	TRUE	EventRequest method isPortletModeAllowed(PortletMode) returns boolean
PortletRequest	SIG Event	hasIsRequestedSessionIdValid	TRUE	EventRequest has a isRequestedSessionIdValid() method
PortletRequest	SIG Event	hasIsRequestedSessionIdValidReturns	TRUE	EventRequest method isRequestedSessionIdValid() returns boolean
PortletRequest	SIG Event	hasIsSecure	TRUE	EventRequest has a isSecure() method
PortletRequest	SIG Event	hasIsSecureReturns	TRUE	EventRequest method isSecure() returns boolean
PortletRequest	SIG Event	hasIsUserInRole	TRUE	EventRequest has a isUserInRole(String) method
PortletRequest	SIG Event	hasIsUserInRoleReturns	TRUE	EventRequest method isUserInRole(String) returns boolean
PortletRequest	SIG Event	hasIsWindowStateAllowed	TRUE	EventRequest has a isWindowStateAllowed(WindowState) method
PortletRequest	SIG Event	hasIsWindowStateAllowedReturns	TRUE	EventRequest method isWindowStateAllowed(WindowState) returns boolean
PortletRequest	SIG Event	hasRemoveAttribute	TRUE	EventRequest has a removeAttribute(String) method
PortletRequest	SIG Event	hasRemoveAttributeReturns	TRUE	EventRequest method removeAttribute(String) returns void
PortletRequest	SIG Event	hasSetAttribute	TRUE	EventRequest has a setAttribute(String, Object) method
PortletRequest	SIG Event	hasSetAttributeReturns	TRUE	EventRequest method setAttribute(String, Object) returns void
PortletResponse	SIG Event	hasAddProperty	TRUE	EventResponse has a addProperty(String, String) method
PortletResponse	SIG Event	hasAddPropertyA	TRUE	EventResponse has a addProperty(javax.servlet.http.Cookie) method
PortletResponse	SIG Event	hasAddPropertyB	TRUE	EventResponse has a addProperty(String, org.w3c.dom.Element) method
PortletResponse	SIG Event	hasAddPropertyReturns	TRUE	EventResponse method addProperty(String, String) returns void
PortletResponse	SIG Event	hasAddPropertyReturnsA	TRUE	EventResponse method addProperty(javax.servlet.http.Cookie) returns void
PortletResponse	SIG Event	hasAddPropertyReturnsB	TRUE	EventResponse method addProperty(String, org.w3c.dom.Element) returns void
PortletResponse	SIG Event	hasCreateElement	TRUE	EventResponse has a createElement(String) throws org.w3c.dom.DOMException method
PortletResponse	SIG Event	hasCreateElementReturns	TRUE	EventResponse method createElement(String) returns org.w3c.dom.Element
PortletResponse	SIG Event	hasEncodeURL	TRUE	EventResponse has a encodeURL(String) method
PortletResponse	SIG Event	hasEncodeURLReturns	TRUE	EventResponse method encodeURL(String) returns String

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
PortletResponse	SIG Event	hasGetNamespace	TRUE	EventResponse has a getNamespace() method
PortletResponse	SIG Event	hasGetNamespaceReturns	TRUE	EventResponse method getNamespace() returns String
PortletResponse	SIG Event	hasSetProperty	TRUE	EventResponse has a setProperty(String, String) method
PortletResponse	SIG Event	hasSetPropertyReturns	TRUE	EventResponse method setProperty(String, String) returns void
StateAwareResponse	SIG Event	hasGetPortletMode	TRUE	EventResponse has a getPortletMode() method
StateAwareResponse	SIG Event	hasGetPortletModeReturns	TRUE	EventResponse method getPortletMode() returns PortletMode
StateAwareResponse	SIG Event	hasGetRenderParameterMap	TRUE	EventResponse has a getRenderParameterMap() method
StateAwareResponse	SIG Event	hasGetRenderParameterMapReturns	TRUE	EventResponse method getRenderParameterMap() returns java.util.Map
StateAwareResponse	SIG Event	hasGetWindowState	TRUE	EventResponse has a getWindowState() method
StateAwareResponse	SIG Event	hasGetWindowStateReturns	TRUE	EventResponse method getWindowState() returns WindowState
StateAwareResponse	SIG Event	hasRemovePublicRenderParameter	TRUE	EventResponse has a removePublicRenderParameter(String) method
StateAwareResponse	SIG Event	hasRemovePublicRenderParameterReturns	TRUE	EventResponse method removePublicRenderParameter(String) returns void
StateAwareResponse	SIG Event	hasSetEvent	TRUE	EventResponse has a setEvent(javax.xml.namespace.QName, java.io.Serializable) method
StateAwareResponse	SIG Event	hasSetEventA	TRUE	EventResponse has a setEvent(String, java.io.Serializable) method
StateAwareResponse	SIG Event	hasSetEventReturns	TRUE	EventResponse method setEvent(javax.xml.namespace.QName, java.io.Serializable) returns void
StateAwareResponse	SIG Event	hasSetEventReturnsA	TRUE	EventResponse method setEvent(String, java.io.Serializable) returns void
StateAwareResponse	SIG Event	hasSetPortletMode	TRUE	EventResponse has a setPortletMode(PortletMode) throws PortletModeException method
StateAwareResponse	SIG Event	hasSetPortletModeReturns	TRUE	EventResponse method setPortletMode(PortletMode) returns void
StateAwareResponse	SIG Event	hasSetRenderParameter	TRUE	EventResponse has a setRenderParameter(String, String) method
StateAwareResponse	SIG Event	hasSetRenderParameterA	TRUE	EventResponse has a setRenderParameter(String, String[]) method
StateAwareResponse	SIG Event	hasSetRenderParameterReturns	TRUE	EventResponse method setRenderParameter(String, String) returns void

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
StateAwareResponse	SIG Event	hasSetRenderParameterReturnsA	TRUE	EventResponse method setRenderParameter(String, String[]) returns void
StateAwareResponse	SIG Event	hasSetRenderParameters	TRUE	EventResponse has a setRenderParameters(java.util.Map) method
StateAwareResponse	SIG Event	hasSetRenderParametersReturns	TRUE	EventResponse method setRenderParameters(java.util.Map) returns void
StateAwareResponse	SIG Event	hasSetWindowState	TRUE	EventResponse has a setWindowState(WindowState) throws WindowStateException method
StateAwareResponse	SIG Event	hasSetWindowStateReturns	TRUE	EventResponse method setWindowState(WindowState) returns void
StateAwareResponse	SIG Event	implementsPortletResponse	TRUE	EventResponse implements PortletResponse
<b>Sig Tests Exception</b>				
PortletException	SIG Render	constructor	TRUE	PortletException provides constructor PortletException()
PortletException	SIG Render	constructorA	TRUE	PortletException provides constructor PortletException(String)
PortletException	SIG Render	constructorB	TRUE	PortletException provides constructor PortletException(String, Throwable)
PortletException	SIG Render	constructorC	TRUE	PortletException provides constructor PortletException(Throwable)
PortletException	SIG Render	extendsException	TRUE	PortletException extends Exception
PortletModeException	SIG Render	constructor	TRUE	PortletModeException provides constructor PortletModeException(String, PortletMode)
PortletModeException	SIG Render	constructorA	TRUE	PortletModeException provides constructor PortletModeException(String, Throwable, PortletMode)
PortletModeException	SIG Render	constructorB	TRUE	PortletModeException provides constructor PortletModeException(Throwable, PortletMode)
PortletModeException	SIG Render	extendsPortletException	TRUE	PortletModeException extends PortletException
PortletModeException	SIG Render	hasGetMode	TRUE	PortletModeException has a getMode() method
PortletModeException	SIG Render	hasGetModeReturns	TRUE	PortletModeException method getMode() returns PortletMode
PortletSecurityException	SIG Render	constructor	TRUE	PortletSecurityException provides constructor PortletSecurityException(String)

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
PortletSecurityException	SIG Render	constructorA	TRUE	PortletSecurityException provides constructor PortletSecurityException(String, Throwable)
PortletSecurityException	SIG Render	constructorB	TRUE	PortletSecurityException provides constructor PortletSecurityException(Throwable)
PortletSecurityException	SIG Render	extendsPortletException	TRUE	PortletSecurityException extends PortletException
ReadOnlyException	SIG Render	constructor	TRUE	ReadOnlyException provides constructor ReadOnlyException(String)
ReadOnlyException	SIG Render	constructorA	TRUE	ReadOnlyException provides constructor ReadOnlyException(String, Throwable)
ReadOnlyException	SIG Render	constructorB	TRUE	ReadOnlyException provides constructor ReadOnlyException(Throwable)
ReadOnlyException	SIG Render	extendsPortletException	TRUE	ReadOnlyException extends PortletException
UnavailableException	SIG Render	constructor	TRUE	UnavailableException provides constructor UnavailableException(String)
UnavailableException	SIG Render	constructorA	TRUE	UnavailableException provides constructor UnavailableException(String, int)
UnavailableException	SIG Render	extendsPortletException	TRUE	UnavailableException extends PortletException
UnavailableException	SIG Render	hasGetUnavailableSeconds	TRUE	UnavailableException has a getUnavailableSeconds() method
UnavailableException	SIG Render	hasGetUnavailableSecondsReturns	TRUE	UnavailableException method getUnavailableSeconds() returns int
UnavailableException	SIG Render	hasIsPermanent	TRUE	UnavailableException has a isPermanent() method
UnavailableException	SIG Render	hasIsPermanentReturns	TRUE	UnavailableException method isPermanent() returns boolean
ValidatorException	SIG Render	constructor	TRUE	ValidatorException provides constructor ValidatorException(String, java.util.Collection)
ValidatorException	SIG Render	constructorA	TRUE	ValidatorException provides constructor ValidatorException(String, Throwable, java.util.Collection)
ValidatorException	SIG Render	constructorB	TRUE	ValidatorException provides constructor ValidatorException(Throwable, java.util.Collection)

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
ValidatorException	SIG Render	extendsPortletException	TRUE	ValidatorException extends PortletException
ValidatorException	SIG Render	hasGetFailedKeys	TRUE	ValidatorException has a getFailedKeys() method
ValidatorException	SIG Render	hasGetFailedKeysReturns	TRUE	ValidatorException method getFailedKeys() returns java.util.Enumeration
WindowStateException	SIG Render	constructor	TRUE	WindowStateException provides constructor WindowStateException(String, WindowState)
WindowStateException	SIG Render	constructorA	TRUE	WindowStateException provides constructor WindowStateException(String, Throwable, WindowState)
WindowStateException	SIG Render	constructorB	TRUE	WindowStateException provides constructor WindowStateException(Throwable, WindowState)
WindowStateException	SIG Render	extendsPortletException	TRUE	WindowStateException extends PortletException
WindowStateException	SIG Render	hasGetState	TRUE	WindowStateException has a getState() method
WindowStateException	SIG Render	hasGetStateReturns	TRUE	WindowStateException method getState() returns WindowState
<b>Sig Tests Filter</b>				
ActionFilter	SIG Render	hasDoFilter	TRUE	ActionFilter has a doFilter(ActionRequest, ActionResponse, javax.portlet.filter.FilterChain) throws java.io.IOException, PortletException method
ActionFilter	SIG Render	hasDoFilterReturns	TRUE	ActionFilter method doFilter(ActionRequest, ActionResponse, javax.portlet.filter.FilterChain) returns void
ActionFilter	SIG Render	implementsPortletFilter	TRUE	ActionFilter implements PortletFilter
EventFilter	SIG Render	hasDoFilter	TRUE	EventFilter has a doFilter(EventRequest, EventResponse, javax.portlet.filter.FilterChain) throws java.io.IOException, PortletException method
EventFilter	SIG Render	hasDoFilterReturns	TRUE	EventFilter method doFilter(EventRequest, EventResponse, javax.portlet.filter.FilterChain) returns void
EventFilter	SIG Render	implementsPortletFilter	TRUE	EventFilter implements PortletFilter
FilterChain	SIG Render	hasDoFilter	TRUE	FilterChain has a doFilter(ActionRequest, ActionResponse) throws java.io.IOException, PortletException method

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
FilterChain	SIG Render	hasDoFilterA	TRUE	FilterChain has a doFilter(EventRequest, EventResponse) throws java.io.IOException, PortletException method
FilterChain	SIG Render	hasDoFilterB	TRUE	FilterChain has a doFilter(RenderRequest, RenderResponse) throws java.io.IOException, PortletException method
FilterChain	SIG Render	hasDoFilterC	TRUE	FilterChain has a doFilter(ResourceRequest, ResourceResponse) throws java.io.IOException, PortletException method
FilterChain	SIG Render	hasDoFilterReturns	TRUE	FilterChain method doFilter(ActionRequest, ActionResponse) returns void
FilterChain	SIG Render	hasDoFilterReturnsA	TRUE	FilterChain method doFilter(EventRequest, EventResponse) returns void
FilterChain	SIG Render	hasDoFilterReturnsB	TRUE	FilterChain method doFilter(RenderRequest, RenderResponse) returns void
FilterChain	SIG Render	hasDoFilterReturnsC	TRUE	FilterChain method doFilter(ResourceRequest, ResourceResponse) returns void
FilterConfig	SIG Render	hasGetFilterName	TRUE	FilterConfig has a getFilterName() method
FilterConfig	SIG Render	hasGetFilterNameReturns	TRUE	FilterConfig method getFilterName() returns String
FilterConfig	SIG Render	hasGetInitParameter	TRUE	FilterConfig has a getInitParameter(String) method
FilterConfig	SIG Render	hasGetInitParameterNames	TRUE	FilterConfig has a getInitParameterNames() method
FilterConfig	SIG Render	hasGetInitParameterNamesReturns	TRUE	FilterConfig method getInitParameterNames() returns java.util.Enumeration
FilterConfig	SIG Render	hasGetInitParameterReturns	TRUE	FilterConfig method getInitParameter(String) returns String
FilterConfig	SIG Render	hasGetPortletContext	TRUE	FilterConfig has a getPortletContext() method
FilterConfig	SIG Render	hasGetPortletContextReturns	TRUE	FilterConfig method getPortletContext() returns PortletContext
PortletFilter	SIG Render	hasDestroy	TRUE	PortletFilter has a destroy() method
PortletFilter	SIG Render	hasDestroyReturns	TRUE	PortletFilter method destroy() returns void
PortletFilter	SIG Render	hasInit	TRUE	PortletFilter has a init(javax.portlet.filter.FilterConfig) throws PortletException method
PortletFilter	SIG Render	hasInitReturns	TRUE	PortletFilter method init(javax.portlet.filter.FilterConfig) returns void
RenderFilter	SIG Render	hasDoFilter	TRUE	RenderFilter has a doFilter(RenderRequest, RenderResponse, javax.portlet.filter.FilterChain) throws java.io.IOException, PortletException method

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
RenderFilter	SIG Render	hasDoFilterReturns	TRUE	RenderFilter method doFilter(RenderRequest, RenderResponse, javax.portlet.filter.FilterChain) returns void
RenderFilter	SIG Render	implementsPortletFilter	TRUE	RenderFilter implements PortletFilter
ResourceFilter	SIG Render	hasDoFilter	TRUE	ResourceFilter has a doFilter(ResourceRequest, ResourceResponse, javax.portlet.filter.FilterChain) throws java.io.IOException, PortletException method
ResourceFilter	SIG Render	hasDoFilterReturns	TRUE	ResourceFilter method doFilter(ResourceRequest, ResourceResponse, javax.portlet.filter.FilterChain) returns void
ResourceFilter	SIG Render	implementsPortletFilter	TRUE	ResourceFilter implements PortletFilter
<b>Sig Tests Render</b>				
MimeResponse	SIG Render	fieldCACHE_SCOPE	TRUE	RenderResponse has String field CACHE_SCOPE
MimeResponse	SIG Render	fieldETAG	TRUE	RenderResponse has String field ETAG
MimeResponse	SIG Render	fieldEXPIRATION_CACHE	TRUE	RenderResponse has String field EXPIRATION_CACHE
MimeResponse	SIG Render	fieldMARKUP_HEAD_ELEMENT	TRUE	RenderResponse has String field MARKUP_HEAD_ELEMENT
MimeResponse	SIG Render	fieldNAMESPACED_RESPONSE	TRUE	RenderResponse has String field NAMESPACED_RESPONSE
MimeResponse	SIG Render	fieldPRIVATE_SCOPE	TRUE	RenderResponse has String field PRIVATE_SCOPE
MimeResponse	SIG Render	fieldPUBLIC_SCOPE	TRUE	RenderResponse has String field PUBLIC_SCOPE
MimeResponse	SIG Render	fieldUSE_CACHED_CONTENT	TRUE	RenderResponse has String field USE_CACHED_CONTENT
MimeResponse	SIG Render	hasCreateActionURL	TRUE	RenderResponse has a createActionURL() method
MimeResponse	SIG Render	hasCreateActionURLReturns	TRUE	RenderResponse method createActionURL() returns PortletURL
MimeResponse	SIG Render	hasCreateRenderURL	TRUE	RenderResponse has a createRenderURL() method
MimeResponse	SIG Render	hasCreateRenderURLReturns	TRUE	RenderResponse method createRenderURL() returns PortletURL
MimeResponse	SIG Render	hasCreateResourceURL	TRUE	RenderResponse has a createResourceURL() method
MimeResponse	SIG Render	hasCreateResourceURLReturns	TRUE	RenderResponse method createResourceURL() returns ResourceURL
MimeResponse	SIG Render	hasFlushBuffer	TRUE	RenderResponse has a flushBuffer() throws java.io.IOException method
MimeResponse	SIG Render	hasFlushBufferReturns	TRUE	RenderResponse method flushBuffer() returns void

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
MimeResponse	SIG Render	hasGetBufferSize	TRUE	RenderResponse has a getBufferSize() method
MimeResponse	SIG Render	hasGetBufferSizeReturns	TRUE	RenderResponse method getBufferSize() returns int
MimeResponse	SIG Render	hasGetCacheControl	TRUE	RenderResponse has a getCacheControl() method
MimeResponse	SIG Render	hasGetCacheControlReturns	TRUE	RenderResponse method getCacheControl() returns CacheControl
MimeResponse	SIG Render	hasGetCharacterEncoding	TRUE	RenderResponse has a getCharacterEncoding() method
MimeResponse	SIG Render	hasGetCharacterEncodingReturns	TRUE	RenderResponse method getCharacterEncoding() returns String
MimeResponse	SIG Render	hasGetContentType	TRUE	RenderResponse has a getContentType() method
MimeResponse	SIG Render	hasGetContentTypeReturns	TRUE	RenderResponse method getContentType() returns String
MimeResponse	SIG Render	hasGetLocale	TRUE	RenderResponse has a getLocale() method
MimeResponse	SIG Render	hasGetLocaleReturns	TRUE	RenderResponse method getLocale() returns java.util.Locale
MimeResponse	SIG Render	hasGetPortletOutputStream	TRUE	RenderResponse has a getPortletOutputStream() throws java.io.IOException, IllegalStateException method
MimeResponse	SIG Render	hasGetPortletOutputStreamReturns	TRUE	RenderResponse method getPortletOutputStream() returns java.io.OutputStream
MimeResponse	SIG Render	hasGetWriter	TRUE	RenderResponse has a getWriter() throws java.io.IOException, IllegalStateException method
MimeResponse	SIG Render	hasGetWriterReturns	TRUE	RenderResponse method getWriter() returns java.io.PrintWriter
MimeResponse	SIG Render	hasIsCommitted	TRUE	RenderResponse has a isCommitted() method
MimeResponse	SIG Render	hasIsCommittedReturns	TRUE	RenderResponse method isCommitted() returns boolean
MimeResponse	SIG Render	hasReset	TRUE	RenderResponse has a reset() method
MimeResponse	SIG Render	hasResetBuffer	TRUE	RenderResponse has a resetBuffer() method
MimeResponse	SIG Render	hasResetBufferReturns	TRUE	RenderResponse method resetBuffer() returns void
MimeResponse	SIG Render	hasResetReturns	TRUE	RenderResponse method reset() returns void
MimeResponse	SIG Render	hasSetBufferSize	TRUE	RenderResponse has a setBufferSize(int) method
MimeResponse	SIG Render	hasSetBufferSizeReturns	TRUE	RenderResponse method setBufferSize(int) returns void
MimeResponse	SIG Render	hasSetContentType	TRUE	RenderResponse has a setContentType(String) method

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
MimeResponse	SIG Render	hasSetContentTypeReturns	TRUE	RenderResponse method setContentType(String) returns void
MimeResponse	SIG Render	implementsPortletResponse	TRUE	RenderResponse implements PortletResponse
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_BDATE_FRACTIONSE COND	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_BDATE_FRACTIONSECOND
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_BDATE_HMS_HOUR	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_BDATE_HMS_HOUR
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_BDATE_HMS_MINUTE	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_BDATE_HMS_MINUTE
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_BDATE_HMS_SECOND	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_BDATE_HMS_SECOND
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_BDATE_TIMEZONE	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_BDATE_TIMEZONE
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_BDATE_YMD_DAY	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_BDATE_YMD_DAY
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_BDATE_YMD_MONTH	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_BDATE_YMD_MONTH
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_BDATE_YMD_YEAR	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_BDATE_YMD_YEAR
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_BUSINESSINFO_ONL INE_EMAIL	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_BUSINESSINFO_ONLINE_EMAIL
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_BUSINESSINFO_ONL INE_URI	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_BUSINESSINFO_ONLINE_URI
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_BUSINESSINFO_POS TAL_CITY	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_BUSINESSINFO_POSTAL_CITY
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_BUSINESSINFO_POS TAL_COUNTRY	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_BUSINESSINFO_POSTAL_COUNTRY
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_BUSINESSINFO_POS TAL_NAME	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_BUSINESSINFO_POSTAL_NAME
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_BUSINESSINFO_POS TAL_ORGANIZATION	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_BUSINESSINFO_POSTAL_ORGANIZATION

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_BUSINESSINFO_POSTAL_POSTALCODE	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_BUSINESSINFO_POSTAL_POSTALCODE
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_BUSINESSINFO_POSTAL_STATEPROV	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_BUSINESSINFO_POSTAL_STATEPROV
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_BUSINESSINFO_POSTAL_STREET	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_BUSINESSINFO_POSTAL_STREET
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_BUSINESSINFO_TELECOM_FAX_COMMENT	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_BUSINESSINFO_TELECOM_FAX_COMMENT
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_BUSINESSINFO_TELECOM_FAX_EXT	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_BUSINESSINFO_TELECOM_FAX_EXT
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_BUSINESSINFO_TELECOM_FAX_INTCODE	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_BUSINESSINFO_TELECOM_FAX_INTCODE
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_BUSINESSINFO_TELECOM_FAX_LOCCODE	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_BUSINESSINFO_TELECOM_FAX_LOCCODE
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_BUSINESSINFO_TELECOM_FAX_NUMBER	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_BUSINESSINFO_TELECOM_FAX_NUMBER
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_BUSINESSINFO_TELECOM_MOBILE_COMMENT	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_BUSINESSINFO_TELECOM_MOBILE_COMMENT
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_BUSINESSINFO_TELECOM_MOBILE_EXT	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_BUSINESSINFO_TELECOM_MOBILE_EXT
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_BUSINESSINFO_TELECOM_MOBILE_INTCODE	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_BUSINESSINFO_TELECOM_MOBILE_INTCODE
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_BUSINESSINFO_TELECOM_MOBILE_LOCCODE	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_BUSINESSINFO_TELECOM_MOBILE_LOCCODE
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_BUSINESSINFO_TELECOM_MOBILE_NUMBER	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_BUSINESSINFO_TELECOM_MOBILE_NUMBER
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_BUSINESSINFO_TELECOM_PAGER_COMMENT	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_BUSINESSINFO_TELECOM_PAGER_COMMENT
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_BUSINESSINFO_TELECOM_PAGER_EXT	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_BUSINESSINFO_TELECOM_PAGER_EXT
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_BUSINESSINFO_TELECOM_PAGER_INTCODE	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_BUSINESSINFO_TELECOM_PAGER_INTCODE

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
PortletRequest\$P3P UserInfos	SIG Render	fieldUSER_BUSINESSINFO_TEL ECOM_PAGER_LOCCODE	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_BUSINESSINFO_TELECOM_PAGER_LOCCODE
PortletRequest\$P3P UserInfos	SIG Render	fieldUSER_BUSINESSINFO_TEL ECOM_PAGER_NUMBER	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_BUSINESSINFO_TELECOM_PAGER_NUMBER
PortletRequest\$P3P UserInfos	SIG Render	fieldUSER_BUSINESSINFO_TEL ECOM_TELEPHONE_COMMENT	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_BUSINESSINFO_TELECOM_TELEPHONE_COMMENT
PortletRequest\$P3P UserInfos	SIG Render	fieldUSER_BUSINESSINFO_TEL ECOM_TELEPHONE_EXT	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_BUSINESSINFO_TELECOM_TELEPHONE_EXT
PortletRequest\$P3P UserInfos	SIG Render	fieldUSER_BUSINESSINFO_TEL ECOM_TELEPHONE_INTCODE	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_BUSINESSINFO_TELECOM_TELEPHONE_INTCODE
PortletRequest\$P3P UserInfos	SIG Render	fieldUSER_BUSINESSINFO_TEL ECOM_TELEPHONE_LOCCODE	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_BUSINESSINFO_TELECOM_TELEPHONE_LOCCODE
PortletRequest\$P3P UserInfos	SIG Render	fieldUSER_BUSINESSINFO_TEL ECOM_TELEPHONE_NUMBER	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_BUSINESSINFO_TELECOM_TELEPHONE_NUMBER
PortletRequest\$P3P UserInfos	SIG Render	fieldUSER_DEPARTMENT	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_DEPARTMENT
PortletRequest\$P3P UserInfos	SIG Render	fieldUSER_EMPLOYER	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_EMPLOYER
PortletRequest\$P3P UserInfos	SIG Render	fieldUSER_GENDER	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_GENDER
PortletRequest\$P3P UserInfos	SIG Render	fieldUSER_HOMEINFO_ONLINE_ EMAIL	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_HOMEINFO_ONLINE_EMAIL
PortletRequest\$P3P UserInfos	SIG Render	fieldUSER_HOMEINFO_ONLINE_ URI	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_HOMEINFO_ONLINE_URI
PortletRequest\$P3P UserInfos	SIG Render	fieldUSER_HOMEINFO_POSTAL_ CITY	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_HOMEINFO_POSTAL_CITY
PortletRequest\$P3P UserInfos	SIG Render	fieldUSER_HOMEINFO_POSTAL_ COUNTRY	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_HOMEINFO_POSTAL_COUNTRY
PortletRequest\$P3P UserInfos	SIG Render	fieldUSER_HOMEINFO_POSTAL_ NAME	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_HOMEINFO_POSTAL_NAME
PortletRequest\$P3P UserInfos	SIG Render	fieldUSER_HOMEINFO_POSTAL_ ORGANIZATION	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_HOMEINFO_POSTAL_ORGANIZATION

JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_HOMEINFO_POSTAL_POSTALCODE	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_HOMEINFO_POSTAL_POSTALCODE
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_HOMEINFO_POSTAL_STATEPROV	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_HOMEINFO_POSTAL_STATEPROV
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_HOMEINFO_POSTAL_STREET	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_HOMEINFO_POSTAL_STREET
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_HOMEINFO_TELECOM_FAX_COMMENT	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_HOMEINFO_TELECOM_FAX_COMMENT
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_HOMEINFO_TELECOM_FAX_EXT	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_HOMEINFO_TELECOM_FAX_EXT
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_HOMEINFO_TELECOM_FAX_INTCODE	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_HOMEINFO_TELECOM_FAX_INTCODE
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_HOMEINFO_TELECOM_FAX_LOCCODE	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_HOMEINFO_TELECOM_FAX_LOCCODE
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_HOMEINFO_TELECOM_FAX_NUMBER	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_HOMEINFO_TELECOM_FAX_NUMBER
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_HOMEINFO_TELECOM_MOBILE_COMMENT	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_HOMEINFO_TELECOM_MOBILE_COMMENT
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_HOMEINFO_TELECOM_MOBILE_EXT	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_HOMEINFO_TELECOM_MOBILE_EXT
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_HOMEINFO_TELECOM_MOBILE_INTCODE	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_HOMEINFO_TELECOM_MOBILE_INTCODE
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_HOMEINFO_TELECOM_MOBILE_LOCCODE	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_HOMEINFO_TELECOM_MOBILE_LOCCODE
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_HOMEINFO_TELECOM_MOBILE_NUMBER	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_HOMEINFO_TELECOM_MOBILE_NUMBER
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_HOMEINFO_TELECOM_PAGER_COMMENT	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_HOMEINFO_TELECOM_PAGER_COMMENT
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_HOMEINFO_TELECOM_PAGER_EXT	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_HOMEINFO_TELECOM_PAGER_EXT
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_HOMEINFO_TELECOM_PAGER_INTCODE	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_HOMEINFO_TELECOM_PAGER_INTCODE

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_HOMEINFO_TELECOM_PAGER_LOCCODE	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_HOMEINFO_TELECOM_PAGER_LOCCODE
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_HOMEINFO_TELECOM_PAGER_NUMBER	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_HOMEINFO_TELECOM_PAGER_NUMBER
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_HOMEINFO_TELECOM_TELEPHONE_COMMENT	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_HOMEINFO_TELECOM_TELEPHONE_COMMENT
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_HOMEINFO_TELECOM_TELEPHONE_EXT	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_HOMEINFO_TELECOM_TELEPHONE_EXT
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_HOMEINFO_TELECOM_TELEPHONE_INTCODE	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_HOMEINFO_TELECOM_TELEPHONE_INTCODE
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_HOMEINFO_TELECOM_TELEPHONE_LOCCODE	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_HOMEINFO_TELECOM_TELEPHONE_LOCCODE
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_HOMEINFO_TELECOM_TELEPHONE_NUMBER	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_HOMEINFO_TELECOM_TELEPHONE_NUMBER
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_JOBTITLE	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_JOBTITLE
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_LOGIN_ID	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_LOGIN_ID
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_NAME_FAMILY	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_NAME_FAMILY
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_NAME_GIVEN	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_NAME_GIVEN
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_NAME_MIDDLE	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_NAME_MIDDLE
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_NAME_NICKNAME	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_NAME_NICKNAME
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_NAME_PREFIX	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_NAME_PREFIX
PortletRequest\$P3PUserInfos	SIG Render	fieldUSER_NAME_SUFFIX	TRUE	PortletRequest\$P3PUserInfos has PortletRequest\$P3PUserInfos field USER_NAME_SUFFIX
PortletRequest\$P3PUserInfos	SIG Render	hasToString	TRUE	PortletRequest\$P3PUserInfos has a toString() method

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
PortletRequest\$P3PUserInfos	SIG Render	hasToStringReturns	TRUE	PortletRequest\$P3PUserInfos method toString() returns String
PortletRequest\$P3PUserInfos	SIG Render	hasValueOf	TRUE	PortletRequest\$P3PUserInfos has a valueOf(String) method
PortletRequest\$P3PUserInfos	SIG Render	hasValueOfReturns	TRUE	PortletRequest\$P3PUserInfos method valueOf(String) returns PortletRequest.P3PUserInfos
PortletRequest\$P3PUserInfos	SIG Render	hasValues	TRUE	PortletRequest\$P3PUserInfos has a values() method
PortletRequest\$P3PUserInfos	SIG Render	hasValuesReturns	TRUE	PortletRequest\$P3PUserInfos method values() returns PortletRequest.P3PUserInfos[]
PortletRequest\$P3PUserInfos	SIG Render	isEnum	TRUE	PortletRequest\$P3PUserInfos is an Enum
PortletRequest	SIG Render	fieldACTION_PHASE	TRUE	RenderRequest has String field ACTION_PHASE
PortletRequest	SIG Render	fieldACTION_SCOPE_ID	TRUE	RenderRequest has String field ACTION_SCOPE_ID
PortletRequest	SIG Render	fieldBASIC_AUTH	TRUE	RenderRequest has String field BASIC_AUTH
PortletRequest	SIG Render	fieldCCPP_PROFILE	TRUE	RenderRequest has String field CCPP_PROFILE
PortletRequest	SIG Render	fieldCLIENT_CERT_AUTH	TRUE	RenderRequest has String field CLIENT_CERT_AUTH
PortletRequest	SIG Render	fieldDIGEST_AUTH	TRUE	RenderRequest has String field DIGEST_AUTH
PortletRequest	SIG Render	fieldEVENT_PHASE	TRUE	RenderRequest has String field EVENT_PHASE
PortletRequest	SIG Render	fieldFORM_AUTH	TRUE	RenderRequest has String field FORM_AUTH
PortletRequest	SIG Render	fieldLIFECYCLE_PHASE	TRUE	RenderRequest has String field LIFECYCLE_PHASE
PortletRequest	SIG Render	fieldRENDER_HEADERS	TRUE	RenderRequest has String field RENDER_HEADERS
PortletRequest	SIG Render	fieldRENDER_MARKUP	TRUE	RenderRequest has String field RENDER_MARKUP
PortletRequest	SIG Render	fieldRENDER_PART	TRUE	RenderRequest has String field RENDER_PART
PortletRequest	SIG Render	fieldRENDER_PHASE	TRUE	RenderRequest has String field RENDER_PHASE
PortletRequest	SIG Render	fieldRESOURCE_PHASE	TRUE	RenderRequest has String field RESOURCE_PHASE
PortletRequest	SIG Render	fieldUSER_INFO	TRUE	RenderRequest has String field USER_INFO
PortletRequest	SIG Render	hasGetAttribute	TRUE	RenderRequest has a getAttribute(String) method

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
PortletRequest	SIG Render	hasGetAttributeNames	TRUE	RenderRequest has a getAttributeNames() method
PortletRequest	SIG Render	hasGetAttributeNamesReturns	TRUE	RenderRequest method getAttributeNames() returns java.util.Enumeration
PortletRequest	SIG Render	hasGetAttributeReturns	TRUE	RenderRequest method getAttribute(String) returns Object
PortletRequest	SIG Render	hasGetAuthType	TRUE	RenderRequest has a getAuthType() method
PortletRequest	SIG Render	hasGetAuthTypeReturns	TRUE	RenderRequest method getAuthType() returns String
PortletRequest	SIG Render	hasGetContextPath	TRUE	RenderRequest has a getContextPath() method
PortletRequest	SIG Render	hasGetContextPathReturns	TRUE	RenderRequest method getContextPath() returns String
PortletRequest	SIG Render	hasGetCookies	TRUE	RenderRequest has a getCookies() method
PortletRequest	SIG Render	hasGetCookiesReturns	TRUE	RenderRequest method getCookies() returns javax.servlet.http.Cookie[]
PortletRequest	SIG Render	hasGetLocale	TRUE	RenderRequest has a getLocale() method
PortletRequest	SIG Render	hasGetLocaleReturns	TRUE	RenderRequest method getLocale() returns java.util.Locale
PortletRequest	SIG Render	hasGetLocales	TRUE	RenderRequest has a getLocales() method
PortletRequest	SIG Render	hasGetLocalesReturns	TRUE	RenderRequest method getLocales() returns java.util.Enumeration
PortletRequest	SIG Render	hasGetParameter	TRUE	RenderRequest has a getParameter(String) method
PortletRequest	SIG Render	hasGetParameterMap	TRUE	RenderRequest has a getParameterMap() method
PortletRequest	SIG Render	hasGetParameterMapReturns	TRUE	RenderRequest method getParameterMap() returns java.util.Map
PortletRequest	SIG Render	hasGetParameterNames	TRUE	RenderRequest has a getParameterNames() method
PortletRequest	SIG Render	hasGetParameterNamesReturns	TRUE	RenderRequest method getParameterNames() returns java.util.Enumeration
PortletRequest	SIG Render	hasGetParameterReturns	TRUE	RenderRequest method getParameter(String) returns String
PortletRequest	SIG Render	hasGetParameterValues	TRUE	RenderRequest has a getParameterValues(String) method
PortletRequest	SIG Render	hasGetParameterValuesReturns	TRUE	RenderRequest method getParameterValues(String) returns String[]
PortletRequest	SIG Render	hasGetPortalContext	TRUE	RenderRequest has a getPortalContext() method
PortletRequest	SIG Render	hasGetPortalContextReturns	TRUE	RenderRequest method getPortalContext() returns PortalContext
PortletRequest	SIG Render	hasGetPortletMode	TRUE	RenderRequest has a getPortletMode() method

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
PortletRequest	SIG Render	hasGetPortletModeReturns	TRUE	RenderRequest method getPortletMode() returns PortletMode
PortletRequest	SIG Render	hasGetPortletSession	TRUE	RenderRequest has a getPortletSession() method
PortletRequest	SIG Render	hasGetPortletSessionA	TRUE	RenderRequest has a getPortletSession(boolean) method
PortletRequest	SIG Render	hasGetPortletSessionReturns	TRUE	RenderRequest method getPortletSession() returns PortletSession
PortletRequest	SIG Render	hasGetPortletSessionReturnsA	TRUE	RenderRequest method getPortletSession(boolean) returns PortletSession
PortletRequest	SIG Render	hasGetPreferences	TRUE	RenderRequest has a getPreferences() method
PortletRequest	SIG Render	hasGetPreferencesReturns	TRUE	RenderRequest method getPreferences() returns PortletPreferences
PortletRequest	SIG Render	hasGetPrivateParameterMap	TRUE	RenderRequest has a getPrivateParameterMap() method
PortletRequest	SIG Render	hasGetPrivateParameterMapReturns	TRUE	RenderRequest method getPrivateParameterMap() returns java.util.Map
PortletRequest	SIG Render	hasGetProperties	TRUE	RenderRequest has a getProperties(String) method
PortletRequest	SIG Render	hasGetPropertiesReturns	TRUE	RenderRequest method getProperties(String) returns java.util.Enumeration
PortletRequest	SIG Render	hasGetProperty	TRUE	RenderRequest has a getProperty(String) method
PortletRequest	SIG Render	hasGetPropertyNames	TRUE	RenderRequest has a getPropertyNames() method
PortletRequest	SIG Render	hasGetPropertyNamesReturns	TRUE	RenderRequest method getPropertyNames() returns java.util.Enumeration
PortletRequest	SIG Render	hasGetPropertyReturns	TRUE	RenderRequest method getProperty(String) returns String
PortletRequest	SIG Render	hasGetPublicParameterMap	TRUE	RenderRequest has a getPublicParameterMap() method
PortletRequest	SIG Render	hasGetPublicParameterMapReturns	TRUE	RenderRequest method getPublicParameterMap() returns java.util.Map
PortletRequest	SIG Render	hasGetRemoteUser	TRUE	RenderRequest has a getRemoteUser() method
PortletRequest	SIG Render	hasGetRemoteUserReturns	TRUE	RenderRequest method getRemoteUser() returns String
PortletRequest	SIG Render	hasGetRequestedSessionId	TRUE	RenderRequest has a getRequestedSessionId() method
PortletRequest	SIG Render	hasGetRequestedSessionIdReturns	TRUE	RenderRequest method getRequestedSessionId() returns String
PortletRequest	SIG Render	hasGetResponseContentType	TRUE	RenderRequest has a getResponseContentType() method

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
PortletRequest	SIG Render	hasGetResponseContentTypeReturns	TRUE	RenderRequest method getResponseContentType() returns String
PortletRequest	SIG Render	hasGetResponseContentTypes	TRUE	RenderRequest has a getResponseContentTypes() method
PortletRequest	SIG Render	hasGetResponseContentTypesReturns	TRUE	RenderRequest method getResponseContentTypes() returns java.util.Enumeration
PortletRequest	SIG Render	hasGetScheme	TRUE	RenderRequest has a getScheme() method
PortletRequest	SIG Render	hasGetSchemeReturns	TRUE	RenderRequest method getScheme() returns String
PortletRequest	SIG Render	hasGetServerName	TRUE	RenderRequest has a getServerName() method
PortletRequest	SIG Render	hasGetServerNameReturns	TRUE	RenderRequest method getServerName() returns String
PortletRequest	SIG Render	hasGetServerPort	TRUE	RenderRequest has a getServerPort() method
PortletRequest	SIG Render	hasGetServerPortReturns	TRUE	RenderRequest method getServerPort() returns int
PortletRequest	SIG Render	hasGetUserPrincipal	TRUE	RenderRequest has a getUserPrincipal() method
PortletRequest	SIG Render	hasGetUserPrincipalReturns	TRUE	RenderRequest method getUserPrincipal() returns java.security.Principal
PortletRequest	SIG Render	hasGetWindowID	TRUE	RenderRequest has a getWindowID() method
PortletRequest	SIG Render	hasGetWindowIDReturns	TRUE	RenderRequest method getWindowID() returns String
PortletRequest	SIG Render	hasGetWindowState	TRUE	RenderRequest has a getWindowState() method
PortletRequest	SIG Render	hasGetWindowStateReturns	TRUE	RenderRequest method getWindowState() returns WindowState
PortletRequest	SIG Render	hasIsPortletModeAllowed	TRUE	RenderRequest has a isPortletModeAllowed(PortletMode) method
PortletRequest	SIG Render	hasIsPortletModeAllowedReturns	TRUE	RenderRequest method isPortletModeAllowed(PortletMode) returns boolean
PortletRequest	SIG Render	hasIsRequestedSessionIdValid	TRUE	RenderRequest has a isRequestedSessionIdValid() method
PortletRequest	SIG Render	hasIsRequestedSessionIdValidReturns	TRUE	RenderRequest method isRequestedSessionIdValid() returns boolean
PortletRequest	SIG Render	hasIsSecure	TRUE	RenderRequest has a isSecure() method
PortletRequest	SIG Render	hasIsSecureReturns	TRUE	RenderRequest method isSecure() returns boolean
PortletRequest	SIG Render	hasIsUserInRole	TRUE	RenderRequest has a isUserInRole(String) method
PortletRequest	SIG Render	hasIsUserInRoleReturns	TRUE	RenderRequest method isUserInRole(String) returns boolean

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
PortletRequest	SIG Render	hasIsWindowStateAllowed	TRUE	RenderRequest has a isWindowStateAllowed(WindowState) method
PortletRequest	SIG Render	hasIsWindowStateAllowedReturns	TRUE	RenderRequest method isWindowStateAllowed(WindowState) returns boolean
PortletRequest	SIG Render	hasRemoveAttribute	TRUE	RenderRequest has a removeAttribute(String) method
PortletRequest	SIG Render	hasRemoveAttributeReturns	TRUE	RenderRequest method removeAttribute(String) returns void
PortletRequest	SIG Render	hasSetAttribute	TRUE	RenderRequest has a setAttribute(String, Object) method
PortletRequest	SIG Render	hasSetAttributeReturns	TRUE	RenderRequest method setAttribute(String, Object) returns void
PortletResponse	SIG Render	hasAddProperty	TRUE	RenderResponse has a addProperty(String, String) method
PortletResponse	SIG Render	hasAddPropertyA	TRUE	RenderResponse has a addProperty(javax.servlet.http.Cookie) method
PortletResponse	SIG Render	hasAddPropertyB	TRUE	RenderResponse has a addProperty(String, org.w3c.dom.Element) method
PortletResponse	SIG Render	hasAddPropertyReturns	TRUE	RenderResponse method addProperty(String, String) returns void
PortletResponse	SIG Render	hasAddPropertyReturnsA	TRUE	RenderResponse method addProperty(javax.servlet.http.Cookie) returns void
PortletResponse	SIG Render	hasAddPropertyReturnsB	TRUE	RenderResponse method addProperty(String, org.w3c.dom.Element) returns void
PortletResponse	SIG Render	hasCreateElement	TRUE	RenderResponse has a createElement(String) throws org.w3c.dom.DOMException method
PortletResponse	SIG Render	hasCreateElementReturns	TRUE	RenderResponse method createElement(String) returns org.w3c.dom.Element
PortletResponse	SIG Render	hasEncodeURL	TRUE	RenderResponse has a encodeURL(String) method
PortletResponse	SIG Render	hasEncodeURLReturns	TRUE	RenderResponse method encodeURL(String) returns String
PortletResponse	SIG Render	hasGetNamespace	TRUE	RenderResponse has a getNamespace() method
PortletResponse	SIG Render	hasGetNamespaceReturns	TRUE	RenderResponse method getNamespace() returns String
PortletResponse	SIG Render	hasSetProperty	TRUE	RenderResponse has a setProperty(String, String) method
PortletResponse	SIG Render	hasSetPropertyReturns	TRUE	RenderResponse method setProperty(String, String) returns void
RenderRequest	SIG Render	fieldETAG	TRUE	RenderRequest has String field ETAG
RenderRequest	SIG Render	hasGetETag	TRUE	RenderRequest has a getETag() method
RenderRequest	SIG Render	hasGetETagReturns	TRUE	RenderRequest method getETag() returns String
RenderRequest	SIG Render	implementsPortletRequest	TRUE	RenderRequest implements PortletRequest

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
RenderResponse	SIG Render	hasSetContentType	TRUE	RenderResponse has a setContentType(String) method
RenderResponse	SIG Render	hasSetContentTypeReturns	TRUE	RenderResponse method setContentType(String) returns void
RenderResponse	SIG Render	hasSetNextPossiblePortletModes	TRUE	RenderResponse has a setNextPossiblePortletModes(java.util.Collection) method
RenderResponse	SIG Render	hasSetNextPossiblePortletModesReturns	TRUE	RenderResponse method setNextPossiblePortletModes(java.util.Collection) returns void
RenderResponse	SIG Render	hasSetTitle	TRUE	RenderResponse has a setTitle(String) method
RenderResponse	SIG Render	hasSetTitleReturns	TRUE	RenderResponse method setTitle(String) returns void
RenderResponse	SIG Render	implementsMimeResponse	TRUE	RenderResponse implements MimeResponse
<b>Sig Tests Resource</b>				
ClientDataRequest	SIG Resource	hasGetCharacterEncoding	TRUE	ResourceRequest has a getCharacterEncoding() method
ClientDataRequest	SIG Resource	hasGetCharacterEncodingReturns	TRUE	ResourceRequest method getCharacterEncoding() returns String
ClientDataRequest	SIG Resource	hasGetContentLength	TRUE	ResourceRequest has a getContentLength() method
ClientDataRequest	SIG Resource	hasGetContentLengthReturns	TRUE	ResourceRequest method getContentLength() returns int
ClientDataRequest	SIG Resource	hasGetContentType	TRUE	ResourceRequest has a getContentType() method
ClientDataRequest	SIG Resource	hasGetContentTypeReturns	TRUE	ResourceRequest method getContentType() returns String
ClientDataRequest	SIG Resource	hasGetMethod	TRUE	ResourceRequest has a getMethod() method
ClientDataRequest	SIG Resource	hasGetMethodReturns	TRUE	ResourceRequest method getMethod() returns String
ClientDataRequest	SIG Resource	hasGetPortletInputStream	TRUE	ResourceRequest has a getPortletInputStream() throws java.io.IOException method
ClientDataRequest	SIG Resource	hasGetPortletInputStreamReturns	TRUE	ResourceRequest method getPortletInputStream() returns java.io.InputStream
ClientDataRequest	SIG Resource	hasGetReader	TRUE	ResourceRequest has a getReader() throws java.io.UnsupportedEncodingException, java.io.IOException method
ClientDataRequest	SIG Resource	hasGetReaderReturns	TRUE	ResourceRequest method getReader() returns java.io.BufferedReader
ClientDataRequest	SIG Resource	hasSetCharacterEncoding	TRUE	ResourceRequest has a setCharacterEncoding(String) throws java.io.UnsupportedEncodingException method

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
ClientDataRequest	SIG Resource	hasSetCharacterEncodingReturns	TRUE	ResourceRequest method setCharacterEncoding(String) returns void
ClientDataRequest	SIG Resource	implementsPortletRequest	TRUE	ResourceRequest implements PortletRequest
MimeResponse	SIG Resource	fieldCACHE_SCOPE	TRUE	ResourceResponse has String field CACHE_SCOPE
MimeResponse	SIG Resource	fieldETAG	TRUE	ResourceResponse has String field ETAG
MimeResponse	SIG Resource	fieldEXPIRATION_CACHE	TRUE	ResourceResponse has String field EXPIRATION_CACHE
MimeResponse	SIG Resource	fieldMARKUP_HEAD_ELEMENT	TRUE	ResourceResponse has String field MARKUP_HEAD_ELEMENT
MimeResponse	SIG Resource	fieldNAMESPACEED_RESPONSE	TRUE	ResourceResponse has String field NAMESPACEED_RESPONSE
MimeResponse	SIG Resource	fieldPRIVATE_SCOPE	TRUE	ResourceResponse has String field PRIVATE_SCOPE
MimeResponse	SIG Resource	fieldPUBLIC_SCOPE	TRUE	ResourceResponse has String field PUBLIC_SCOPE
MimeResponse	SIG Resource	fieldUSE_CACHED_CONTENT	TRUE	ResourceResponse has String field USE_CACHED_CONTENT
MimeResponse	SIG Resource	hasCreateActionURL	TRUE	ResourceResponse has a createActionURL() method
MimeResponse	SIG Resource	hasCreateActionURLReturns	TRUE	ResourceResponse method createActionURL() returns PortletURL
MimeResponse	SIG Resource	hasCreateRenderURL	TRUE	ResourceResponse has a createRenderURL() method
MimeResponse	SIG Resource	hasCreateRenderURLReturns	TRUE	ResourceResponse method createRenderURL() returns PortletURL
MimeResponse	SIG Resource	hasCreateResourceURL	TRUE	ResourceResponse has a createResourceURL() method
MimeResponse	SIG Resource	hasCreateResourceURLReturns	TRUE	ResourceResponse method createResourceURL() returns ResourceURL
MimeResponse	SIG Resource	hasFlushBuffer	TRUE	ResourceResponse has a flushBuffer() throws java.io.IOException method
MimeResponse	SIG Resource	hasFlushBufferReturns	TRUE	ResourceResponse method flushBuffer() returns void
MimeResponse	SIG Resource	hasGetBufferSize	TRUE	ResourceResponse has a getBufferSize() method
MimeResponse	SIG Resource	hasGetBufferSizeReturns	TRUE	ResourceResponse method getBufferSize() returns int
MimeResponse	SIG Resource	hasGetCacheControl	TRUE	ResourceResponse has a getCacheControl() method
MimeResponse	SIG Resource	hasGetCacheControlReturns	TRUE	ResourceResponse method getCacheControl() returns CacheControl
MimeResponse	SIG Resource	hasGetCharacterEncoding	TRUE	ResourceResponse has a getCharacterEncoding() method
MimeResponse	SIG Resource	hasGetCharacterEncodingReturns	TRUE	ResourceResponse method getCharacterEncoding() returns String

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
MimeResponse	SIG Resource	hasGetContentType	TRUE	ResourceResponse has a getContentType() method
MimeResponse	SIG Resource	hasGetContentTypeReturns	TRUE	ResourceResponse method getContentType() returns String
MimeResponse	SIG Resource	hasGetLocale	TRUE	ResourceResponse has a getLocale() method
MimeResponse	SIG Resource	hasGetLocaleReturns	TRUE	ResourceResponse method getLocale() returns java.util.Locale
MimeResponse	SIG Resource	hasGetPortletOutputStream	TRUE	ResourceResponse has a getPortletOutputStream() throws java.io.IOException, IllegalStateException method
MimeResponse	SIG Resource	hasGetPortletOutputStreamReturns	TRUE	ResourceResponse method getPortletOutputStream() returns java.io.OutputStream
MimeResponse	SIG Resource	hasGetWriter	TRUE	ResourceResponse has a getWriter() throws java.io.IOException, IllegalStateException method
MimeResponse	SIG Resource	hasGetWriterReturns	TRUE	ResourceResponse method getWriter() returns java.io.PrintWriter
MimeResponse	SIG Resource	hasIsCommitted	TRUE	ResourceResponse has a isCommitted() method
MimeResponse	SIG Resource	hasIsCommittedReturns	TRUE	ResourceResponse method isCommitted() returns boolean
MimeResponse	SIG Resource	hasReset	TRUE	ResourceResponse has a reset() method
MimeResponse	SIG Resource	hasResetBuffer	TRUE	ResourceResponse has a resetBuffer() method
MimeResponse	SIG Resource	hasResetBufferReturns	TRUE	ResourceResponse method resetBuffer() returns void
MimeResponse	SIG Resource	hasResetReturns	TRUE	ResourceResponse method reset() returns void
MimeResponse	SIG Resource	hasSetBufferSize	TRUE	ResourceResponse has a setBufferSize(int) method
MimeResponse	SIG Resource	hasSetBufferSizeReturns	TRUE	ResourceResponse method setBufferSize(int) returns void
MimeResponse	SIG Resource	hasSetContentType	TRUE	ResourceResponse has a setContentType(String) method
MimeResponse	SIG Resource	hasSetContentTypeReturns	TRUE	ResourceResponse method setContentType(String) returns void
MimeResponse	SIG Resource	implementsPortletResponse	TRUE	ResourceResponse implements PortletResponse
PortletRequest	SIG Resource	fieldACTION_PHASE	TRUE	ResourceRequest has String field ACTION_PHASE
PortletRequest	SIG Resource	fieldACTION_SCOPE_ID	TRUE	ResourceRequest has String field ACTION_SCOPE_ID
PortletRequest	SIG Resource	fieldBASIC_AUTH	TRUE	ResourceRequest has String field BASIC_AUTH
PortletRequest	SIG Resource	fieldCCPP_PROFILE	TRUE	ResourceRequest has String field CCPP_PROFILE
PortletRequest	SIG Resource	fieldCLIENT_CERT_AUTH	TRUE	ResourceRequest has String field CLIENT_CERT_AUTH

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
PortletRequest	SIG Resource	fieldDIGEST_AUTH	TRUE	ResourceRequest has String field DIGEST_AUTH
PortletRequest	SIG Resource	fieldEVENT_PHASE	TRUE	ResourceRequest has String field EVENT_PHASE
PortletRequest	SIG Resource	fieldFORM_AUTH	TRUE	ResourceRequest has String field FORM_AUTH
PortletRequest	SIG Resource	fieldLIFECYCLE_PHASE	TRUE	ResourceRequest has String field LIFECYCLE_PHASE
PortletRequest	SIG Resource	fieldRENDER_HEADERS	TRUE	ResourceRequest has String field RENDER_HEADERS
PortletRequest	SIG Resource	fieldRENDER_MARKUP	TRUE	ResourceRequest has String field RENDER_MARKUP
PortletRequest	SIG Resource	fieldRENDER_PART	TRUE	ResourceRequest has String field RENDER_PART
PortletRequest	SIG Resource	fieldRENDER_PHASE	TRUE	ResourceRequest has String field RENDER_PHASE
PortletRequest	SIG Resource	fieldRESOURCE_PHASE	TRUE	ResourceRequest has String field RESOURCE_PHASE
PortletRequest	SIG Resource	fieldUSER_INFO	TRUE	ResourceRequest has String field USER_INFO
PortletRequest	SIG Resource	hasGetAttribute	TRUE	ResourceRequest has a getAttribute(String) method
PortletRequest	SIG Resource	hasGetAttributeNames	TRUE	ResourceRequest has a getAttributeNames() method
PortletRequest	SIG Resource	hasGetAttributeNamesReturns	TRUE	ResourceRequest method getAttributeNames() returns java.util.Enumerations
PortletRequest	SIG Resource	hasGetAttributeReturns	TRUE	ResourceRequest method getAttribute(String) returns Object
PortletRequest	SIG Resource	hasGetAuthType	TRUE	ResourceRequest has a getAuthType() method
PortletRequest	SIG Resource	hasGetAuthTypeReturns	TRUE	ResourceRequest method getAuthType() returns String
PortletRequest	SIG Resource	hasGetContextPath	TRUE	ResourceRequest has a getContextPath() method
PortletRequest	SIG Resource	hasGetContextPathReturns	TRUE	ResourceRequest method getContextPath() returns String
PortletRequest	SIG Resource	hasGetCookies	TRUE	ResourceRequest has a getCookies() method
PortletRequest	SIG Resource	hasGetCookiesReturns	TRUE	ResourceRequest method getCookies() returns javax.servlet.http.Cookie[]
PortletRequest	SIG Resource	hasGetLocale	TRUE	ResourceRequest has a getLocale() method
PortletRequest	SIG Resource	hasGetLocaleReturns	TRUE	ResourceRequest method getLocale() returns java.util.Locale
PortletRequest	SIG Resource	hasGetLocales	TRUE	ResourceRequest has a getLocales() method
PortletRequest	SIG Resource	hasGetLocalesReturns	TRUE	ResourceRequest method getLocales() returns java.util.Enumeration
PortletRequest	SIG Resource	hasGetParameter	TRUE	ResourceRequest has a getParameter(String) method

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
PortletRequest	SIG Resource	hasGetParameterMap	TRUE	ResourceRequest has a getParameterMap() method
PortletRequest	SIG Resource	hasGetParameterMapReturns	TRUE	ResourceRequest method getParameterMap() returns java.util.Map
PortletRequest	SIG Resource	hasGetParameterNames	TRUE	ResourceRequest has a getParameterNames() method
PortletRequest	SIG Resource	hasGetParameterNamesReturns	TRUE	ResourceRequest method getParameterNames() returns java.util.Enumeration
PortletRequest	SIG Resource	hasGetParameterReturns	TRUE	ResourceRequest method getParameter(String) returns String
PortletRequest	SIG Resource	hasGetParameterValues	TRUE	ResourceRequest has a getParameterValues(String) method
PortletRequest	SIG Resource	hasGetParameterValuesReturns	TRUE	ResourceRequest method getParameterValues(String) returns String[]
PortletRequest	SIG Resource	hasGetPortalContext	TRUE	ResourceRequest has a getPortalContext() method
PortletRequest	SIG Resource	hasGetPortalContextReturns	TRUE	ResourceRequest method getPortalContext() returns PortalContext
PortletRequest	SIG Resource	hasGetPortletMode	TRUE	ResourceRequest has a getPortletMode() method
PortletRequest	SIG Resource	hasGetPortletModeReturns	TRUE	ResourceRequest method getPortletMode() returns PortletMode
PortletRequest	SIG Resource	hasGetPortletSession	TRUE	ResourceRequest has a getPortletSession() method
PortletRequest	SIG Resource	hasGetPortletSessionA	TRUE	ResourceRequest has a getPortletSession(boolean) method
PortletRequest	SIG Resource	hasGetPortletSessionReturns	TRUE	ResourceRequest method getPortletSession() returns PortletSession
PortletRequest	SIG Resource	hasGetPortletSessionReturnsA	TRUE	ResourceRequest method getPortletSession(boolean) returns PortletSession
PortletRequest	SIG Resource	hasGetPreferences	TRUE	ResourceRequest has a getPreferences() method
PortletRequest	SIG Resource	hasGetPreferencesReturns	TRUE	ResourceRequest method getPreferences() returns PortletPreferences
PortletRequest	SIG Resource	hasGetPrivateParameterMap	TRUE	ResourceRequest has a getPrivateParameterMap() method
PortletRequest	SIG Resource	hasGetPrivateParameterMapReturns	TRUE	ResourceRequest method getPrivateParameterMap() returns java.util.Map
PortletRequest	SIG Resource	hasGetProperties	TRUE	ResourceRequest has a getProperties(String) method
PortletRequest	SIG Resource	hasGetPropertiesReturns	TRUE	ResourceRequest method getProperties(String) returns java.util.Enumeration
PortletRequest	SIG Resource	hasGetProperty	TRUE	ResourceRequest has a getProperty(String) method
PortletRequest	SIG Resource	hasGetPropertyNames	TRUE	ResourceRequest has a getPropertyNames() method

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
PortletRequest	SIG Resource	hasGetPropertyNamesReturns	TRUE	ResourceRequest method getPropertyNames() returns java.util.Enumeration
PortletRequest	SIG Resource	hasGetPropertyReturns	TRUE	ResourceRequest method getProperty(String) returns String
PortletRequest	SIG Resource	hasGetPublicParameterMap	TRUE	ResourceRequest has a getPublicParameterMap() method
PortletRequest	SIG Resource	hasGetPublicParameterMapReturns	TRUE	ResourceRequest method getPublicParameterMap() returns java.util.Map
PortletRequest	SIG Resource	hasGetRemoteUser	TRUE	ResourceRequest has a getRemoteUser() method
PortletRequest	SIG Resource	hasGetRemoteUserReturns	TRUE	ResourceRequest method getRemoteUser() returns String
PortletRequest	SIG Resource	hasGetRequestedSessionId	TRUE	ResourceRequest has a getRequestedSessionId() method
PortletRequest	SIG Resource	hasGetRequestedSessionIdReturns	TRUE	ResourceRequest method getRequestedSessionId() returns String
PortletRequest	SIG Resource	hasGetResponseContentType	TRUE	ResourceRequest has a getResponseContentType() method
PortletRequest	SIG Resource	hasGetResponseContentTypeReturns	TRUE	ResourceRequest method getResponseContentType() returns String
PortletRequest	SIG Resource	hasGetResponseContentTypes	TRUE	ResourceRequest has a getResponseContentTypes() method
PortletRequest	SIG Resource	hasGetResponseContentTypesReturns	TRUE	ResourceRequest method getResponseContentTypes() returns java.util.Enumeration
PortletRequest	SIG Resource	hasGetScheme	TRUE	ResourceRequest has a getScheme() method
PortletRequest	SIG Resource	hasGetSchemeReturns	TRUE	ResourceRequest method getScheme() returns String
PortletRequest	SIG Resource	hasGetServerName	TRUE	ResourceRequest has a getServerName() method
PortletRequest	SIG Resource	hasGetServerNameReturns	TRUE	ResourceRequest method getServerName() returns String
PortletRequest	SIG Resource	hasGetServerPort	TRUE	ResourceRequest has a getServerPort() method
PortletRequest	SIG Resource	hasGetServerPortReturns	TRUE	ResourceRequest method getServerPort() returns int
PortletRequest	SIG Resource	hasGetUserPrincipal	TRUE	ResourceRequest has a getUserPrincipal() method
PortletRequest	SIG Resource	hasGetUserPrincipalReturns	TRUE	ResourceRequest method getUserPrincipal() returns java.security.Principal
PortletRequest	SIG Resource	hasGetWindowID	TRUE	ResourceRequest has a getWindowID() method
PortletRequest	SIG Resource	hasGetWindowIDReturns	TRUE	ResourceRequest method getWindowID() returns String
PortletRequest	SIG Resource	hasGetWindowState	TRUE	ResourceRequest has a getWindowState() method

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
PortletRequest	SIG Resource	hasGetWindowStateReturns	TRUE	ResourceRequest method getWindowState() returns WindowState
PortletRequest	SIG Resource	hasIsPortletModeAllowed	TRUE	ResourceRequest has a isPortletModeAllowed(PortletMode) method
PortletRequest	SIG Resource	hasIsPortletModeAllowedReturns	TRUE	ResourceRequest method isPortletModeAllowed(PortletMode) returns boolean
PortletRequest	SIG Resource	hasIsRequestedSessionIdValid	TRUE	ResourceRequest has a isRequestedSessionIdValid() method
PortletRequest	SIG Resource	hasIsRequestedSessionIdValidReturns	TRUE	ResourceRequest method isRequestedSessionIdValid() returns boolean
PortletRequest	SIG Resource	hasIsSecure	TRUE	ResourceRequest has a isSecure() method
PortletRequest	SIG Resource	hasIsSecureReturns	TRUE	ResourceRequest method isSecure() returns boolean
PortletRequest	SIG Resource	hasIsUserInRole	TRUE	ResourceRequest has a isUserInRole(String) method
PortletRequest	SIG Resource	hasIsUserInRoleReturns	TRUE	ResourceRequest method isUserInRole(String) returns boolean
PortletRequest	SIG Resource	hasIsWindowStateAllowed	TRUE	ResourceRequest has a isWindowStateAllowed(WindowState) method
PortletRequest	SIG Resource	hasIsWindowStateAllowedReturns	TRUE	ResourceRequest method isWindowStateAllowed(WindowState) returns boolean
PortletRequest	SIG Resource	hasRemoveAttribute	TRUE	ResourceRequest has a removeAttribute(String) method
PortletRequest	SIG Resource	hasRemoveAttributeReturns	TRUE	ResourceRequest method removeAttribute(String) returns void
PortletRequest	SIG Resource	hasSetAttribute	TRUE	ResourceRequest has a setAttribute(String, Object) method
PortletRequest	SIG Resource	hasSetAttributeReturns	TRUE	ResourceRequest method setAttribute(String, Object) returns void
PortletResponse	SIG Resource	hasAddProperty	TRUE	ResourceResponse has a addProperty(String, String) method
PortletResponse	SIG Resource	hasAddPropertyA	TRUE	ResourceResponse has a addProperty(javax.servlet.http.Cookie) method
PortletResponse	SIG Resource	hasAddPropertyB	TRUE	ResourceResponse has a addProperty(String, org.w3c.dom.Element) method
PortletResponse	SIG Resource	hasAddPropertyReturns	TRUE	ResourceResponse method addProperty(String, String) returns void
PortletResponse	SIG Resource	hasAddPropertyReturnsA	TRUE	ResourceResponse method addProperty(javax.servlet.http.Cookie) returns void
PortletResponse	SIG Resource	hasAddPropertyReturnsB	TRUE	ResourceResponse method addProperty(String, org.w3c.dom.Element) returns void
PortletResponse	SIG Resource	hasCreateElement	TRUE	ResourceResponse has a createElement(String) throws org.w3c.dom.DOMException method

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
PortletResponse	SIG Resource	hasCreateElementReturns	TRUE	ResourceResponse method createElement(String) returns org.w3c.dom.Element
PortletResponse	SIG Resource	hasEncodeURL	TRUE	ResourceResponse has a encodeURL(String) method
PortletResponse	SIG Resource	hasEncodeURLReturns	TRUE	ResourceResponse method encodeURL(String) returns String
PortletResponse	SIG Resource	hasGetNamespace	TRUE	ResourceResponse has a getNamespace() method
PortletResponse	SIG Resource	hasGetNamespaceReturns	TRUE	ResourceResponse method getNamespace() returns String
PortletResponse	SIG Resource	hasSetProperty	TRUE	ResourceResponse has a setProperty(String, String) method
PortletResponse	SIG Resource	hasSetPropertyReturns	TRUE	ResourceResponse method setProperty(String, String) returns void
ResourceRequest	SIG Resource	fieldETAG	TRUE	ResourceRequest has String field ETAG
ResourceRequest	SIG Resource	hasGetCacheability	TRUE	ResourceRequest has a getCacheability() method
ResourceRequest	SIG Resource	hasGetCacheabilityReturns	TRUE	ResourceRequest method getCacheability() returns String
ResourceRequest	SIG Resource	hasGetETag	TRUE	ResourceRequest has a getETag() method
ResourceRequest	SIG Resource	hasGetETagReturns	TRUE	ResourceRequest method getETag() returns String
ResourceRequest	SIG Resource	hasGetPrivateRenderParameterMap	TRUE	ResourceRequest has a getPrivateRenderParameterMap() method
ResourceRequest	SIG Resource	hasGetPrivateRenderParameterMapReturns	TRUE	ResourceRequest method getPrivateRenderParameterMap() returns java.util.Map
ResourceRequest	SIG Resource	hasGetResourceID	TRUE	ResourceRequest has a getResourceID() method
ResourceRequest	SIG Resource	hasGetResourceIDReturns	TRUE	ResourceRequest method getResourceID() returns String
ResourceRequest	SIG Resource	hasGetResponseContentType	TRUE	ResourceRequest has a getResponseContentType() method
ResourceRequest	SIG Resource	hasGetResponseContentTypeReturns	TRUE	ResourceRequest method getResponseContentType() returns String
ResourceRequest	SIG Resource	hasGetResponseContentTypes	TRUE	ResourceRequest has a getResponseContentTypes() method
ResourceRequest	SIG Resource	hasGetResponseContentTypesReturns	TRUE	ResourceRequest method getResponseContentTypes() returns java.util.Enumeration
ResourceRequest	SIG Resource	implementsClientDataRequest	TRUE	ResourceRequest implements ClientDataRequest
ResourceResponse	SIG Resource	fieldHTTP_STATUS_CODE	TRUE	ResourceResponse has String field HTTP_STATUS_CODE
ResourceResponse	SIG Resource	hasCreateActionURL	TRUE	ResourceResponse has a createActionURL() throws IllegalStateException method
ResourceResponse	SIG Resource	hasCreateActionURLReturns	TRUE	ResourceResponse method createActionURL() returns PortletURL
ResourceResponse	SIG Resource	hasCreateRenderURL	TRUE	ResourceResponse has a createRenderURL() throws IllegalStateException method
ResourceResponse	SIG Resource	hasCreateRenderURLReturns	TRUE	ResourceResponse method createRenderURL() returns PortletURL
ResourceResponse	SIG Resource	hasCreateResourceURL	TRUE	ResourceResponse has a createResourceURL() throws IllegalStateException method
ResourceResponse	SIG Resource	hasCreateResourceURLReturns	TRUE	ResourceResponse method createResourceURL() returns ResourceURL
ResourceResponse	SIG Resource	hasSetCharacterEncoding	TRUE	ResourceResponse has a setCharacterEncoding(String) method

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
ResourceResponse	SIG Resource	hasSetCharacterEncodingReturns	TRUE	ResourceResponse method setCharacterEncoding(String) returns void
ResourceResponse	SIG Resource	hasSetContentLength	TRUE	ResourceResponse has a setContentLength(int) method
ResourceResponse	SIG Resource	hasSetContentLengthReturns	TRUE	ResourceResponse method setContentLength(int) returns void
ResourceResponse	SIG Resource	hasSetLocale	TRUE	ResourceResponse has a setLocale(java.util.Locale) method
ResourceResponse	SIG Resource	hasSetLocaleReturns	TRUE	ResourceResponse method setLocale(java.util.Locale) returns void
ResourceResponse	SIG Resource	implementsMimeResponse	TRUE	ResourceResponse implements MimeResponse
<b>Sig Tests URL</b>				
BaseURL	SIG Render Acturl	hasAddProperty	TRUE	Rection URL has a addProperty(String, String) method
BaseURL	SIG Render Acturl	hasAddPropertyReturns	TRUE	Rection URL method addProperty(String, String) returns void
BaseURL	SIG Render Acturl	hasGetParameterMap	TRUE	Rection URL has a getParameterMap() method
BaseURL	SIG Render Acturl	hasGetParameterMapReturns	TRUE	Rection URL method getParameterMap() returns java.util.Map
BaseURL	SIG Render Acturl	hasSetParameter	TRUE	Rection URL has a setParameter(String, String) method
BaseURL	SIG Render Acturl	hasSetParameterA	TRUE	Rection URL has a setParameter(String, String[]) method
BaseURL	SIG Render Acturl	hasSetParameterReturns	TRUE	Rection URL method setParameter(String, String) returns void
BaseURL	SIG Render Acturl	hasSetParameterReturnsA	TRUE	Rection URL method setParameter(String, String[]) returns void
BaseURL	SIG Render Acturl	hasSetParameters	TRUE	Rection URL has a setParameters(java.util.Map) method
BaseURL	SIG Render Acturl	hasSetParametersReturns	TRUE	Rection URL method setParameters(java.util.Map) returns void
BaseURL	SIG Render Acturl	hasSetProperty	TRUE	Rection URL has a setProperty(String, String) method
BaseURL	SIG Render Acturl	hasSetPropertyReturns	TRUE	Rection URL method setProperty(String, String) returns void
BaseURL	SIG Render Acturl	hasSetSecure	TRUE	Rection URL has a setSecure(boolean) throws PortletSecurityException method
BaseURL	SIG Render Acturl	hasSetSecureReturns	TRUE	Rection URL method setSecure(boolean) returns void
BaseURL	SIG Render Acturl	hasToString	TRUE	Rection URL has a toString() method
BaseURL	SIG Render Acturl	hasToStringReturns	TRUE	Rection URL method toString() returns String
BaseURL	SIG Render Acturl	hasWrite	TRUE	Rection URL has a write(java.io.Writer) throws java.io.IOException method
BaseURL	SIG Render Acturl	hasWriteA	TRUE	Rection URL has a write(java.io.Writer, boolean) throws java.io.IOException method
BaseURL	SIG Render Acturl	hasWriteReturns	TRUE	Rection URL method write(java.io.Writer) returns void
BaseURL	SIG Render Acturl	hasWriteReturnsA	TRUE	Rection URL method write(java.io.Writer, boolean) returns void
BaseURL	SIG Render Renurl	hasAddProperty	TRUE	Render URL has a addProperty(String, String) method
BaseURL	SIG Render Renurl	hasAddPropertyReturns	TRUE	Render URL method addProperty(String, String) returns void
BaseURL	SIG Render Renurl	hasGetParameterMap	TRUE	Render URL has a getParameterMap() method
BaseURL	SIG Render Renurl	hasGetParameterMapReturns	TRUE	Render URL method getParameterMap() returns java.util.Map
BaseURL	SIG Render Renurl	hasSetParameter	TRUE	Render URL has a setParameter(String, String) method
BaseURL	SIG Render Renurl	hasSetParameterA	TRUE	Render URL has a setParameter(String, String[]) method
BaseURL	SIG Render Renurl	hasSetParameterReturns	TRUE	Render URL method setParameter(String, String) returns void

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
BaseURL	SIG Render Renurl	hasSetParameterReturnsA	TRUE	Render URL method setParameter(String, String[]) returns void
BaseURL	SIG Render Renurl	hasSetParameters	TRUE	Render URL has a setParameters(java.util.Map) method
BaseURL	SIG Render Renurl	hasSetParametersReturns	TRUE	Render URL method setParameters(java.util.Map) returns void
BaseURL	SIG Render Renurl	hasSetProperty	TRUE	Render URL has a setProperty(String, String) method
BaseURL	SIG Render Renurl	hasSetPropertyReturns	TRUE	Render URL method setProperty(String, String) returns void
BaseURL	SIG Render Renurl	hasSetSecure	TRUE	Render URL has a setSecure(boolean) throws PortletSecurityException method
BaseURL	SIG Render Renurl	hasSetSecureReturns	TRUE	Render URL method setSecure(boolean) returns void
BaseURL	SIG Render Renurl	hasToString	TRUE	Render URL has a toString() method
BaseURL	SIG Render Renurl	hasToStringReturns	TRUE	Render URL method toString() returns String
BaseURL	SIG Render Renurl	hasWrite	TRUE	Render URL has a write(java.io.Writer) throws java.io.IOException method
BaseURL	SIG Render Renurl	hasWriteA	TRUE	Render URL has a write(java.io.Writer, boolean) throws java.io.IOException method
BaseURL	SIG Render Renurl	hasWriteReturns	TRUE	Render URL method write(java.io.Writer) returns void
BaseURL	SIG Render Renurl	hasWriteReturnsA	TRUE	Render URL method write(java.io.Writer, boolean) returns void
BaseURL	SIG Render Resurl	hasAddProperty	TRUE	Resource URL has a addProperty(String, String) method
BaseURL	SIG Render Resurl	hasAddPropertyReturns	TRUE	Resource URL method addProperty(String, String) returns void
BaseURL	SIG Render Resurl	hasGetParameterMap	TRUE	Resource URL has a getParameterMap() method
BaseURL	SIG Render Resurl	hasGetParameterMapReturns	TRUE	Resource URL method getParameterMap() returns java.util.Map
BaseURL	SIG Render Resurl	hasSetParameter	TRUE	Resource URL has a setParameter(String, String) method
BaseURL	SIG Render Resurl	hasSetParameterA	TRUE	Resource URL has a setParameter(String, String[]) method
BaseURL	SIG Render Resurl	hasSetParameterReturns	TRUE	Resource URL method setParameter(String, String) returns void
BaseURL	SIG Render Resurl	hasSetParameterReturnsA	TRUE	Resource URL method setParameter(String, String[]) returns void
BaseURL	SIG Render Resurl	hasSetParameters	TRUE	Resource URL has a setParameters(java.util.Map) method
BaseURL	SIG Render Resurl	hasSetParametersReturns	TRUE	Resource URL method setParameters(java.util.Map) returns void
BaseURL	SIG Render Resurl	hasSetProperty	TRUE	Resource URL has a setProperty(String, String) method
BaseURL	SIG Render Resurl	hasSetPropertyReturns	TRUE	Resource URL method setProperty(String, String) returns void
BaseURL	SIG Render Resurl	hasSetSecure	TRUE	Resource URL has a setSecure(boolean) throws PortletSecurityException method
BaseURL	SIG Render Resurl	hasSetSecureReturns	TRUE	Resource URL method setSecure(boolean) returns void
BaseURL	SIG Render Resurl	hasToString	TRUE	Resource URL has a toString() method
BaseURL	SIG Render Resurl	hasToStringReturns	TRUE	Resource URL method toString() returns String
BaseURL	SIG Render Resurl	hasWrite	TRUE	Resource URL has a write(java.io.Writer) throws java.io.IOException method
BaseURL	SIG Render Resurl	hasWriteA	TRUE	Resource URL has a write(java.io.Writer, boolean) throws java.io.IOException method
BaseURL	SIG Render Resurl	hasWriteReturns	TRUE	Resource URL method write(java.io.Writer) returns void
BaseURL	SIG Render Resurl	hasWriteReturnsA	TRUE	Resource URL method write(java.io.Writer, boolean) returns void

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
BaseURL	SIG Resource Acturl	hasAddProperty	TRUE	Action URL has a addProperty(String, String) method
BaseURL	SIG Resource Acturl	hasAddPropertyReturns	TRUE	Action URL method addProperty(String, String) returns void
BaseURL	SIG Resource Acturl	hasGetParameterMap	TRUE	Action URL has a getParameterMap() method
BaseURL	SIG Resource Acturl	hasGetParameterMapReturns	TRUE	Action URL method getParameterMap() returns java.util.Map
BaseURL	SIG Resource Acturl	hasSetParameter	TRUE	Action URL has a setParameter(String, String) method
BaseURL	SIG Resource Acturl	hasSetParameterA	TRUE	Action URL has a setParameter(String, String[]) method
BaseURL	SIG Resource Acturl	hasSetParameterReturns	TRUE	Action URL method setParameter(String, String) returns void
BaseURL	SIG Resource Acturl	hasSetParameterReturnsA	TRUE	Action URL method setParameter(String, String[]) returns void
BaseURL	SIG Resource Acturl	hasSetParameters	TRUE	Action URL has a setParameters(java.util.Map) method
BaseURL	SIG Resource Acturl	hasSetParametersReturns	TRUE	Action URL method setParameters(java.util.Map) returns void
BaseURL	SIG Resource Acturl	has SetProperty	TRUE	Action URL has a setProperty(String, String) method
BaseURL	SIG Resource Acturl	has SetPropertyReturns	TRUE	Action URL method setProperty(String, String) returns void
BaseURL	SIG Resource Acturl	hasSetSecure	TRUE	Action URL has a setSecure(boolean) throws PortletSecurityException method
BaseURL	SIG Resource Acturl	hasSetSecureReturns	TRUE	Action URL method setSecure(boolean) returns void
BaseURL	SIG Resource Acturl	hasToString	TRUE	Action URL has a toString() method
BaseURL	SIG Resource Acturl	hasToStringReturns	TRUE	Action URL method toString() returns String
BaseURL	SIG Resource Acturl	hasWrite	TRUE	Action URL has a write(java.io.Writer) throws java.io.IOException method
BaseURL	SIG Resource Acturl	hasWriteA	TRUE	Action URL has a write(java.io.Writer, boolean) throws java.io.IOException method
BaseURL	SIG Resource Acturl	hasWriteReturns	TRUE	Action URL method write(java.io.Writer) returns void

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
BaseURL	SIG Resource Acturl	hasWriteReturnsA	TRUE	Action URL method write(java.io.Writer, boolean) returns void
BaseURL	SIG Resource Renurl	hasAddProperty	TRUE	Render URL has a addProperty(String, String) method
BaseURL	SIG Resource Renurl	hasAddPropertyReturns	TRUE	Render URL method addProperty(String, String) returns void
BaseURL	SIG Resource Renurl	hasGetParameterMap	TRUE	Render URL has a getParameterMap() method
BaseURL	SIG Resource Renurl	hasGetParameterMapReturns	TRUE	Render URL method getParameterMap() returns java.util.Map
BaseURL	SIG Resource Renurl	hasSetParameter	TRUE	Render URL has a setParameter(String, String) method
BaseURL	SIG Resource Renurl	hasSetParameterA	TRUE	Render URL has a setParameter(String, String[]) method
BaseURL	SIG Resource Renurl	hasSetParameterReturns	TRUE	Render URL method setParameter(String, String) returns void
BaseURL	SIG Resource Renurl	hasSetParameterReturnsA	TRUE	Render URL method setParameter(String, String[]) returns void
BaseURL	SIG Resource Renurl	hasSetParameters	TRUE	Render URL has a setParameters(java.util.Map) method
BaseURL	SIG Resource Renurl	hasSetParametersReturns	TRUE	Render URL method setParameters(java.util.Map) returns void
BaseURL	SIG Resource Renurl	hasSetProperty	TRUE	Render URL has a setProperty(String, String) method
BaseURL	SIG Resource Renurl	hasSetPropertyReturns	TRUE	Render URL method setProperty(String, String) returns void
BaseURL	SIG Resource Renurl	hasSetSecure	TRUE	Render URL has a setSecure(boolean) throws PortletSecurityException method
BaseURL	SIG Resource Renurl	hasSetSecureReturns	TRUE	Render URL method setSecure(boolean) returns void
BaseURL	SIG Resource Renurl	hasToString	TRUE	Render URL has a toString() method
BaseURL	SIG Resource Renurl	hasToStringReturns	TRUE	Render URL method toString() returns String
BaseURL	SIG Resource Renurl	hasWrite	TRUE	Render URL has a write(java.io.Writer) throws java.io.IOException method
BaseURL	SIG Resource Renurl	hasWriteA	TRUE	Render URL has a write(java.io.Writer, boolean) throws java.io.IOException method

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
BaseURL	SIG Resource Resurl	hasWriteReturns	TRUE	Render URL method write(java.io.Writer) returns void
BaseURL	SIG Resource Resurl	hasWriteReturnsA	TRUE	Render URL method write(java.io.Writer, boolean) returns void
BaseURL	SIG Resource Resurl	hasAddProperty	TRUE	Resource URL has a addProperty(String, String) method
BaseURL	SIG Resource Resurl	hasAddPropertyReturns	TRUE	Resource URL method addProperty(String, String) returns void
BaseURL	SIG Resource Resurl	hasGetParameterMap	TRUE	Resource URL has a getParameterMap() method
BaseURL	SIG Resource Resurl	hasGetParameterMapReturns	TRUE	Resource URL method getParameterMap() returns java.util.Map
BaseURL	SIG Resource Resurl	hasSetParameter	TRUE	Resource URL has a setParameter(String, String) method
BaseURL	SIG Resource Resurl	hasSetParameterA	TRUE	Resource URL has a setParameter(String, String[]) method
BaseURL	SIG Resource Resurl	hasSetParameterReturns	TRUE	Resource URL method setParameter(String, String) returns void
BaseURL	SIG Resource Resurl	hasSetParameterReturnsA	TRUE	Resource URL method setParameter(String, String[]) returns void
BaseURL	SIG Resource Resurl	hasSetParameters	TRUE	Resource URL has a setParameters(java.util.Map) method
BaseURL	SIG Resource Resurl	hasSetParametersReturns	TRUE	Resource URL method setParameters(java.util.Map) returns void
BaseURL	SIG Resource Resurl	hasSetProperty	TRUE	Resource URL has a setProperty(String, String) method
BaseURL	SIG Resource Resurl	hasSetPropertyReturns	TRUE	Resource URL method setProperty(String, String) returns void
BaseURL	SIG Resource Resurl	hasSetSecure	TRUE	Resource URL has a setSecure(boolean) throws PortletSecurityException method
BaseURL	SIG Resource Resurl	hasSetSecureReturns	TRUE	Resource URL method setSecure(boolean) returns void
BaseURL	SIG Resource Resurl	hasToString	TRUE	Resource URL has a toString() method
BaseURL	SIG Resource Resurl	hasToStringReturns	TRUE	Resource URL method toString() returns String
BaseURL	SIG Resource Resurl	hasWrite	TRUE	Resource URL has a write(java.io.Writer) throws java.io.IOException method

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
BaseURL	SIG Resource Resurl	hasWriteA	TRUE	Resource URL has a write(java.io.Writer, boolean) throws java.io.IOException method
BaseURL	SIG Resource Resurl	hasWriteReturns	TRUE	Resource URL method write(java.io.Writer) returns void
BaseURL	SIG Resource Resurl	hasWriteReturnsA	TRUE	Resource URL method write(java.io.Writer, boolean) returns void
PortletURL	SIG Render Acturl	hasGetPortletMode	TRUE	Rection URL has a getPortletMode() method
PortletURL	SIG Render Acturl	hasGetPortletModeReturns	TRUE	Rection URL method getPortletMode() returns PortletMode
PortletURL	SIG Render Acturl	hasGetWindowState	TRUE	Rection URL has a getWindowState() method
PortletURL	SIG Render Acturl	hasGetWindowStateReturns	TRUE	Rection URL method getWindowState() returns WindowState
PortletURL	SIG Render Acturl	hasRemovePublicRenderParameter	TRUE	Rection URL has a removePublicRenderParameter(String) method
PortletURL	SIG Render Acturl	hasRemovePublicRenderParameterReturns	TRUE	Rection URL method removePublicRenderParameter(String) returns void
PortletURL	SIG Render Acturl	hasSetPortletMode	TRUE	Rection URL has a setPortletMode(PortletMode) throws PortletModeException method
PortletURL	SIG Render Acturl	hasSetPortletModeReturns	TRUE	Rection URL method setPortletMode(PortletMode) returns void
PortletURL	SIG Render Acturl	hasSetWindowState	TRUE	Rection URL has a setWindowState(WindowState) throws WindowStateException method
PortletURL	SIG Render Acturl	hasSetWindowStateReturns	TRUE	Rection URL method setWindowState(WindowState) returns void
PortletURL	SIG Render Acturl	implementsBaseURL	TRUE	Rection URL implements BaseURL
PortletURL	SIG Render Renurl	hasGetPortletMode	TRUE	Render URL has a getPortletMode() method
PortletURL	SIG Render Renurl	hasGetPortletModeReturns	TRUE	Render URL method getPortletMode() returns PortletMode
PortletURL	SIG Render Renurl	hasGetWindowState	TRUE	Render URL has a getWindowState() method
PortletURL	SIG Render Renurl	hasGetWindowStateReturns	TRUE	Render URL method getWindowState() returns WindowState
PortletURL	SIG Render Renurl	hasRemovePublicRenderParameter	TRUE	Render URL has a removePublicRenderParameter(String) method
PortletURL	SIG Render Renurl	hasRemovePublicRenderParameterReturns	TRUE	Render URL method removePublicRenderParameter(String) returns void
PortletURL	SIG Render Renurl	hasSetPortletMode	TRUE	Render URL has a setPortletMode(PortletMode) throws PortletModeException method
PortletURL	SIG Render Renurl	hasSetPortletModeReturns	TRUE	Render URL method setPortletMode(PortletMode) returns void
PortletURL	SIG Render Renurl	hasSetWindowState	TRUE	Render URL has a setWindowState(WindowState) throws WindowStateException method
PortletURL	SIG Render Renurl	hasSetWindowStateReturns	TRUE	Render URL method setWindowState(WindowState) returns void
PortletURL	SIG Render Renurl	implementsBaseURL	TRUE	Render URL implements BaseURL
PortletURL	SIG Resource Acturl	hasGetPortletMode	TRUE	Action URL has a getPortletMode() method

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
PortletURL	SIG Resource Acturl	hasGetPortletModeReturns	TRUE	Action URL method getPortletMode() returns PortletMode
PortletURL	SIG Resource Acturl	hasGetWindowState	TRUE	Action URL has a getWindowState() method
PortletURL	SIG Resource Acturl	hasGetWindowStateReturns	TRUE	Action URL method getWindowState() returns WindowState
PortletURL	SIG Resource Acturl	hasRemovePublicRenderParameter	TRUE	Action URL has a removePublicRenderParameter(String) method
PortletURL	SIG Resource Acturl	hasRemovePublicRenderParameterReturns	TRUE	Action URL method removePublicRenderParameter(String) returns void
PortletURL	SIG Resource Acturl	hasSetPortletMode	TRUE	Action URL has a setPortletMode(PortletMode) throws PortletModeException method
PortletURL	SIG Resource Acturl	hasSetPortletModeReturns	TRUE	Action URL method setPortletMode(PortletMode) returns void
PortletURL	SIG Resource Acturl	hasSetWindowState	TRUE	Action URL has a setWindowState(WindowState) throws WindowStateException method
PortletURL	SIG Resource Acturl	hasSetWindowStateReturns	TRUE	Action URL method setWindowState(WindowState) returns void
PortletURL	SIG Resource Acturl	implementsBaseURL	TRUE	Action URL implements BaseURL
PortletURL	SIG Resource Renurl	hasGetPortletMode	TRUE	Render URL has a getPortletMode() method
PortletURL	SIG Resource Renurl	hasGetPortletModeReturns	TRUE	Render URL method getPortletMode() returns PortletMode
PortletURL	SIG Resource Renurl	hasGetWindowState	TRUE	Render URL has a getWindowState() method
PortletURL	SIG Resource Renurl	hasGetWindowStateReturns	TRUE	Render URL method getWindowState() returns WindowState
PortletURL	SIG Resource Renurl	hasRemovePublicRenderParameter	TRUE	Render URL has a removePublicRenderParameter(String) method
PortletURL	SIG Resource Renurl	hasRemovePublicRenderParameterReturns	TRUE	Render URL method removePublicRenderParameter(String) returns void
PortletURL	SIG Resource Renurl	hasSetPortletMode	TRUE	Render URL has a setPortletMode(PortletMode) throws PortletModeException method
PortletURL	SIG Resource Renurl	hasSetPortletModeReturns	TRUE	Render URL method setPortletMode(PortletMode) returns void
PortletURL	SIG Resource Renurl	hasSetWindowState	TRUE	Render URL has a setWindowState(WindowState) throws WindowStateException method

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
PortletURL	SIG Resource Renurl	hasSetWindowStateReturns	TRUE	Render URL method setWindowState(WindowState) returns void
PortletURL	SIG Resource Renurl	implementsBaseURL	TRUE	Render URL implements BaseURL
ResourceURL	SIG Render	fieldFULL	TRUE	ResourceURL has String field FULL
ResourceURL	SIG Render	fieldPAGE	TRUE	ResourceURL has String field PAGE
ResourceURL	SIG Render	fieldPORTLET	TRUE	ResourceURL has String field PORTLET
ResourceURL	SIG Render	fieldSHARED	TRUE	ResourceURL has String field SHARED
ResourceURL	SIG Render	hasGetCacheability	TRUE	ResourceURL has a getCacheability() method
ResourceURL	SIG Render	hasGetCacheabilityReturns	TRUE	ResourceURL method getCacheability() returns String
ResourceURL	SIG Render	hasSetCacheability	TRUE	ResourceURL has a setCacheability(String) method
ResourceURL	SIG Render	hasSetCacheabilityReturns	TRUE	ResourceURL method setCacheability(String) returns void
ResourceURL	SIG Render	hasSetResourceID	TRUE	ResourceURL has a setResourceID(String) method
ResourceURL	SIG Render	hasSetResourceIDReturns	TRUE	ResourceURL method setResourceID(String) returns void
ResourceURL	SIG Render	implementsBaseURL	TRUE	ResourceURL implements BaseURL
<b>Sig Tests Wrapper</b>				
ActionRequestWrapper	SIG Render	constructor	TRUE	ActionRequestWrapper provides constructor ActionRequestWrapper(ActionRequest)
ActionRequestWrapper	SIG Render	extendsPortletRequestWrapper	TRUE	ActionRequestWrapper extends PortletRequestWrapper
ActionRequestWrapper	SIG Render	hasGetCharacterEncoding	TRUE	ActionRequestWrapper has a getCharacterEncoding() method
ActionRequestWrapper	SIG Render	hasGetCharacterEncodingReturns	TRUE	ActionRequestWrapper method getCharacterEncoding() returns String
ActionRequestWrapper	SIG Render	hasGetContentLength	TRUE	ActionRequestWrapper has a getContentLength() method
ActionRequestWrapper	SIG Render	hasGetContentLengthReturns	TRUE	ActionRequestWrapper method getContentLength() returns int
ActionRequestWrapper	SIG Render	hasGetContentType	TRUE	ActionRequestWrapper has a getContentType() method
ActionRequestWrapper	SIG Render	hasGetContentTypeReturns	TRUE	ActionRequestWrapper method getContentType() returns String
ActionRequestWrapper	SIG Render	hasGetMethod	TRUE	ActionRequestWrapper has a getMethod() method
ActionRequestWrapper	SIG Render	hasGetMethodReturns	TRUE	ActionRequestWrapper method getMethod() returns String
ActionRequestWrapper	SIG Render	hasGetPortletInputStream	TRUE	ActionRequestWrapper has a getPortletInputStream() throws java.io.IOException method

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
ActionRequestWrapper	SIG Render	hasGetPortletInputStreamReturns	TRUE	ActionRequestWrapper method getPortletInputStream() returns java.io.InputStream
ActionRequestWrapper	SIG Render	hasGetReader	TRUE	ActionRequestWrapper has a getReader() throws java.io.UnsupportedEncodingException, java.io.IOException method
ActionRequestWrapper	SIG Render	hasGetReaderReturns	TRUE	ActionRequestWrapper method getReader() returns java.io.BufferedReader
ActionRequestWrapper	SIG Render	hasGetRequest	TRUE	ActionRequestWrapper has a getRequest() method
ActionRequestWrapper	SIG Render	hasGetRequestA	TRUE	ActionRequestWrapper has a getRequest() method
ActionRequestWrapper	SIG Render	hasGetRequestReturns	TRUE	ActionRequestWrapper method getRequest() returns ActionRequest
ActionRequestWrapper	SIG Render	hasGetRequestReturnsA	TRUE	ActionRequestWrapper method getRequest() returns PortletRequest
ActionRequestWrapper	SIG Render	hasSetCharacterEncoding	TRUE	ActionRequestWrapper has a setCharacterEncoding(String) throws java.io.UnsupportedEncodingException method
ActionRequestWrapper	SIG Render	hasSetCharacterEncodingReturns	TRUE	ActionRequestWrapper method setCharacterEncoding(String) returns void
ActionRequestWrapper	SIG Render	hasSetRequest	TRUE	ActionRequestWrapper has a setRequest(ActionRequest) method
ActionRequestWrapper	SIG Render	hasSetRequestReturns	TRUE	ActionRequestWrapper method setRequest(ActionRequest) returns void
ActionRequestWrapper	SIG Render	implementsActionRequest	TRUE	ActionRequestWrapper implements ActionRequest
ActionResponseWrapper	SIG Render	constructor	TRUE	ActionResponseWrapper provides constructor ActionResponseWrapper(ActionResponse)
ActionResponseWrapper	SIG Render	extendsPortletResponseWrapper	TRUE	ActionResponseWrapper extends PortletResponseWrapper
ActionResponseWrapper	SIG Render	hasGetPortletMode	TRUE	ActionResponseWrapper has a getPortletMode() method
ActionResponseWrapper	SIG Render	hasGetPortletModeReturns	TRUE	ActionResponseWrapper method getPortletMode() returns PortletMode
ActionResponseWrapper	SIG Render	hasGetRenderParameterMap	TRUE	ActionResponseWrapper has a getRenderParameterMap() method
ActionResponseWrapper	SIG Render	hasGetRenderParameterMapReturns	TRUE	ActionResponseWrapper method getRenderParameterMap() returns java.util.Map
ActionResponseWrapper	SIG Render	hasGetResponse	TRUE	ActionResponseWrapper has a getResponse() method

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
ActionResponseWrapper	SIG Render	hasGetResponseA	TRUE	ActionResponseWrapper has a <code>getResponse()</code> method
ActionResponseWrapper	SIG Render	hasGetResponseReturns	TRUE	ActionResponseWrapper method <code>getResponse()</code> returns <code>ActionResponse</code>
ActionResponseWrapper	SIG Render	hasGetResponseReturnsA	TRUE	ActionResponseWrapper method <code>getResponse()</code> returns <code>PortletResponse</code>
ActionResponseWrapper	SIG Render	hasGetWindowState	TRUE	ActionResponseWrapper has a <code>getWindowState()</code> method
ActionResponseWrapper	SIG Render	hasGetWindowStateReturns	TRUE	ActionResponseWrapper method <code>getWindowState()</code> returns <code>WindowState</code>
ActionResponseWrapper	SIG Render	hasRemovePublicRenderParameter	TRUE	ActionResponseWrapper has a <code>removePublicRenderParameter(String)</code> method
ActionResponseWrapper	SIG Render	hasRemovePublicRenderParameterReturns	TRUE	ActionResponseWrapper method <code>removePublicRenderParameter(String)</code> returns <code>void</code>
ActionResponseWrapper	SIG Render	hasSendRedirect	TRUE	ActionResponseWrapper has a <code>sendRedirect(String)</code> throws <code>java.io.IOException</code> method
ActionResponseWrapper	SIG Render	hasSendRedirectA	TRUE	ActionResponseWrapper has a <code>sendRedirect(String, String)</code> throws <code>java.io.IOException</code> method
ActionResponseWrapper	SIG Render	hasSendRedirectReturns	TRUE	ActionResponseWrapper method <code>sendRedirect(String)</code> returns <code>void</code>
ActionResponseWrapper	SIG Render	hasSendRedirectReturnsA	TRUE	ActionResponseWrapper method <code>sendRedirect(String, String)</code> returns <code>void</code>
ActionResponseWrapper	SIG Render	hasSetEvent	TRUE	ActionResponseWrapper has a <code>setEvent(javax.xml.namespace.QName, java.io.Serializable)</code> method
ActionResponseWrapper	SIG Render	hasSetEventA	TRUE	ActionResponseWrapper has a <code>setEvent(String, java.io.Serializable)</code> method
ActionResponseWrapper	SIG Render	hasSetEventReturns	TRUE	ActionResponseWrapper method <code>setEvent(javax.xml.namespace.QName, java.io.Serializable)</code> returns <code>void</code>
ActionResponseWrapper	SIG Render	hasSetEventReturnsA	TRUE	ActionResponseWrapper method <code>setEvent(String, java.io.Serializable)</code> returns <code>void</code>
ActionResponseWrapper	SIG Render	hasSetPortletMode	TRUE	ActionResponseWrapper has a <code>setPortletMode(PortletMode)</code> throws <code>PortletModeException</code> method
ActionResponseWrapper	SIG Render	hasSetPortletModeReturns	TRUE	ActionResponseWrapper method <code>setPortletMode(PortletMode)</code> returns <code>void</code>
ActionResponseWrapper	SIG Render	hasSetRenderParameter	TRUE	ActionResponseWrapper has a <code>setRenderParameter(String, String)</code> method
ActionResponseWrapper	SIG Render	hasSetRenderParameterA	TRUE	ActionResponseWrapper has a <code>setRenderParameter(String, String[])</code> method

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
ActionResponseWrapper	SIG Render	hasSetRenderParameterReturns	TRUE	ActionResponseWrapper method setRenderParameter(String, String) returns void
ActionResponseWrapper	SIG Render	hasSetRenderParameterReturnsA	TRUE	ActionResponseWrapper method setRenderParameter(String, String[]) returns void
ActionResponseWrapper	SIG Render	hasSetRenderParameters	TRUE	ActionResponseWrapper has a setRenderParameters(java.util.Map) method
ActionResponseWrapper	SIG Render	hasSetRenderParametersReturns	TRUE	ActionResponseWrapper method setRenderParameters(java.util.Map) returns void
ActionResponseWrapper	SIG Render	hasSetResponse	TRUE	ActionResponseWrapper has a setResponse(ActionResponse) method
ActionResponseWrapper	SIG Render	hasSetResponseReturns	TRUE	ActionResponseWrapper method setResponse(ActionResponse) returns void
ActionResponseWrapper	SIG Render	hasSetWindowState	TRUE	ActionResponseWrapper has a setWindowState(WindowState) throws WindowStateException method
ActionResponseWrapper	SIG Render	hasSetWindowStateReturns	TRUE	ActionResponseWrapper method setWindowState(WindowState) returns void
ActionResponseWrapper	SIG Render	implementsActionResponse	TRUE	ActionResponseWrapper implements ActionResponse
EventRequestWrapper	SIG Render	constructor	TRUE	EventRequestWrapper provides constructor EventRequestWrapper(EventRequest)
EventRequestWrapper	SIG Render	extendsPortletRequestWrapper	TRUE	EventRequestWrapper extends PortletRequestWrapper
EventRequestWrapper	SIG Render	hasGetEvent	TRUE	EventRequestWrapper has a getEvent() method
EventRequestWrapper	SIG Render	hasGetEventReturns	TRUE	EventRequestWrapper method getEvent() returns Event
EventRequestWrapper	SIG Render	hasGetMethod	TRUE	EventRequestWrapper has a getMethod() method
EventRequestWrapper	SIG Render	hasGetMethodReturns	TRUE	EventRequestWrapper method getMethod() returns String
EventRequestWrapper	SIG Render	hasGetRequest	TRUE	EventRequestWrapper has a getRequest() method
EventRequestWrapper	SIG Render	hasGetRequestA	TRUE	EventRequestWrapper has a getRequest() method
EventRequestWrapper	SIG Render	hasGetRequestReturns	TRUE	EventRequestWrapper method getRequest() returns EventRequest
EventRequestWrapper	SIG Render	hasGetRequestReturnsA	TRUE	EventRequestWrapper method getRequest() returns PortletRequest
EventRequestWrapper	SIG Render	hasSetRequest	TRUE	EventRequestWrapper has a setRequest(EventRequest) method
EventRequestWrapper	SIG Render	hasSetRequestReturns	TRUE	EventRequestWrapper method setRequest(EventRequest) returns void
EventRequestWrapper	SIG Render	implementsEventRequest	TRUE	EventRequestWrapper implements EventRequest
EventResponseWrapper	SIG Render	constructor	TRUE	EventResponseWrapper provides constructor EventResponseWrapper(EventResponse)
EventResponseWrapper	SIG Render	extendsPortletResponseWrapper	TRUE	EventResponseWrapper extends PortletResponseWrapper
EventResponseWrapper	SIG Render	hasGetPortletMode	TRUE	EventResponseWrapper has a getPortletMode() method

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
EventResponseWrapper	SIG Render	hasGetPortletModeReturns	TRUE	EventResponseWrapper method getPortletMode() returns PortletMode
EventResponseWrapper	SIG Render	hasGetRenderParameterMap	TRUE	EventResponseWrapper has a getRenderParameterMap() method
EventResponseWrapper	SIG Render	hasGetRenderParameterMapReturns	TRUE	EventResponseWrapper method getRenderParameterMap() returns java.util.Map
EventResponseWrapper	SIG Render	hasGetResponse	TRUE	EventResponseWrapper has a getResponse() method
EventResponseWrapper	SIG Render	hasGetResponseA	TRUE	EventResponseWrapper has a getResponse() method
EventResponseWrapper	SIG Render	hasGetResponseReturns	TRUE	EventResponseWrapper method getResponse() returns EventResponse
EventResponseWrapper	SIG Render	hasGetResponseReturnsA	TRUE	EventResponseWrapper method getResponse() returns PortletResponse
EventResponseWrapper	SIG Render	hasGetWindowState	TRUE	EventResponseWrapper has a getWindowState() method
EventResponseWrapper	SIG Render	hasGetWindowStateReturns	TRUE	EventResponseWrapper method getWindowState() returns WindowState
EventResponseWrapper	SIG Render	hasRemovePublicRenderParameter	TRUE	EventResponseWrapper has a removePublicRenderParameter(String) method
EventResponseWrapper	SIG Render	hasRemovePublicRenderParameterReturns	TRUE	EventResponseWrapper method removePublicRenderParameter(String) returns void
EventResponseWrapper	SIG Render	hasSetEvent	TRUE	EventResponseWrapper has a setEvent(javax.xml.namespace.QName, java.io.Serializable) method
EventResponseWrapper	SIG Render	hasSetEventA	TRUE	EventResponseWrapper has a setEvent(String, java.io.Serializable) method
EventResponseWrapper	SIG Render	hasSetEventReturns	TRUE	EventResponseWrapper method setEvent(javax.xml.namespace.QName, java.io.Serializable) returns void
EventResponseWrapper	SIG Render	hasSetEventReturnsA	TRUE	EventResponseWrapper method setEvent(String, java.io.Serializable) returns void
EventResponseWrapper	SIG Render	hasSetPortletMode	TRUE	EventResponseWrapper has a setPortletMode(PortletMode) throws PortletModeException method
EventResponseWrapper	SIG Render	hasSetPortletModeReturns	TRUE	EventResponseWrapper method setPortletMode(PortletMode) returns void
EventResponseWrapper	SIG Render	hasSetRenderParameter	TRUE	EventResponseWrapper has a setRenderParameter(String, String) method
EventResponseWrapper	SIG Render	hasSetRenderParameterA	TRUE	EventResponseWrapper has a setRenderParameter(String, String[]) method

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
EventResponseWrapper	SIG Render	hasSetRenderParameterReturns	TRUE	EventResponseWrapper method setRenderParameter(String, String) returns void
EventResponseWrapper	SIG Render	hasSetRenderParameterReturnsA	TRUE	EventResponseWrapper method setRenderParameter(String, String[]) returns void
EventResponseWrapper	SIG Render	hasSetRenderParameters	TRUE	EventResponseWrapper has a setRenderParameters(java.util.Map) method
EventResponseWrapper	SIG Render	hasSetRenderParametersA	TRUE	EventResponseWrapper has a setRenderParameters(EventRequest) method
EventResponseWrapper	SIG Render	hasSetRenderParametersReturns	TRUE	EventResponseWrapper method setRenderParameters(java.util.Map) returns void
EventResponseWrapper	SIG Render	hasSetRenderParametersReturnsA	TRUE	EventResponseWrapper method setRenderParameters(EventRequest) returns void
EventResponseWrapper	SIG Render	hasSetResponse	TRUE	EventResponseWrapper has a setResponse(EventResponse) method
EventResponseWrapper	SIG Render	hasSetResponseReturns	TRUE	EventResponseWrapper method setResponse(EventResponse) returns void
EventResponseWrapper	SIG Render	hasSetWindowState	TRUE	EventResponseWrapper has a setWindowState(WindowState) throws WindowStateException method
EventResponseWrapper	SIG Render	hasSetWindowStateReturns	TRUE	EventResponseWrapper method setWindowState(WindowState) returns void
EventResponseWrapper	SIG Render	implementsEventResponse	TRUE	EventResponseWrapper implements EventResponse
PortletRequestWrapper	SIG Render	constructor	TRUE	PortletRequestWrapper provides constructor PortletRequestWrapper(PortletRequest)
PortletRequestWrapper	SIG Render	hasGetAttribute	TRUE	PortletRequestWrapper has a getAttribute(String) method
PortletRequestWrapper	SIG Render	hasGetAttributeNames	TRUE	PortletRequestWrapper has a getAttributeNames() method
PortletRequestWrapper	SIG Render	hasGetAttributeNamesReturns	TRUE	PortletRequestWrapper method getAttributeNames() returns java.util.Enumeration
PortletRequestWrapper	SIG Render	hasGetAttributeReturns	TRUE	PortletRequestWrapper method getAttribute(String) returns Object
PortletRequestWrapper	SIG Render	hasGetAuthType	TRUE	PortletRequestWrapper has a getAuthType() method
PortletRequestWrapper	SIG Render	hasGetAuthTypeReturns	TRUE	PortletRequestWrapper method getAuthType() returns String
PortletRequestWrapper	SIG Render	hasGetContextPath	TRUE	PortletRequestWrapper has a getContextPath() method

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
PortletRequestWrapper	SIG Render	hasGetContextPathReturns	TRUE	PortletRequestWrapper method getContextPath() returns String
PortletRequestWrapper	SIG Render	hasGetCookies	TRUE	PortletRequestWrapper has a get_cookies() method
PortletRequestWrapper	SIG Render	hasGetCookiesReturns	TRUE	PortletRequestWrapper method get_cookies() returns javax.servlet.http.Cookie[]
PortletRequestWrapper	SIG Render	hasGetLocale	TRUE	PortletRequestWrapper has a getLocale() method
PortletRequestWrapper	SIG Render	hasGetLocaleReturns	TRUE	PortletRequestWrapper method getLocale() returns java.util.Locale
PortletRequestWrapper	SIG Render	hasGetLocales	TRUE	PortletRequestWrapper has a getLocales() method
PortletRequestWrapper	SIG Render	hasGetLocalesReturns	TRUE	PortletRequestWrapper method getLocales() returns java.util.Enumeration
PortletRequestWrapper	SIG Render	hasGetParameter	TRUE	PortletRequestWrapper has a getParameter(String) method
PortletRequestWrapper	SIG Render	hasGetParameterMap	TRUE	PortletRequestWrapper has a getParameterMap() method
PortletRequestWrapper	SIG Render	hasGetParameterMapReturns	TRUE	PortletRequestWrapper method getParameterMap() returns java.util.Map
PortletRequestWrapper	SIG Render	hasGetParameterNames	TRUE	PortletRequestWrapper has a getParameterNames() method
PortletRequestWrapper	SIG Render	hasGetParameterNamesReturns	TRUE	PortletRequestWrapper method getParameterNames() returns java.util.Enumeration
PortletRequestWrapper	SIG Render	hasGetParameterReturns	TRUE	PortletRequestWrapper method getParameter(String) returns String
PortletRequestWrapper	SIG Render	hasGetParameterValues	TRUE	PortletRequestWrapper has a getParameterValues(String) method
PortletRequestWrapper	SIG Render	hasGetParameterValuesReturns	TRUE	PortletRequestWrapper method getParameterValues(String) returns String[]
PortletRequestWrapper	SIG Render	hasGetPortalContext	TRUE	PortletRequestWrapper has a getPortalContext() method
PortletRequestWrapper	SIG Render	hasGetPortalContextReturns	TRUE	PortletRequestWrapper method getPortalContext() returns PortalContext
PortletRequestWrapper	SIG Render	hasGetPortletMode	TRUE	PortletRequestWrapper has a getPortletMode() method
PortletRequestWrapper	SIG Render	hasGetPortletModeReturns	TRUE	PortletRequestWrapper method getPortletMode() returns PortletMode

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
PortletRequestWrapper	SIG Render	hasGetPortletSession	TRUE	PortletRequestWrapper has a getPortletSession() method
PortletRequestWrapper	SIG Render	hasGetPortletSessionA	TRUE	PortletRequestWrapper has a getPortletSession(boolean) method
PortletRequestWrapper	SIG Render	hasGetPortletSessionReturns	TRUE	PortletRequestWrapper method getPortletSession() returns PortletSession
PortletRequestWrapper	SIG Render	hasGetPortletSessionReturnsA	TRUE	PortletRequestWrapper method getPortletSession(boolean) returns PortletSession
PortletRequestWrapper	SIG Render	hasGetPreferences	TRUE	PortletRequestWrapper has a getPreferences() method
PortletRequestWrapper	SIG Render	hasGetPreferencesReturns	TRUE	PortletRequestWrapper method getPreferences() returns PortletPreferences
PortletRequestWrapper	SIG Render	hasGetPrivateParameterMap	TRUE	PortletRequestWrapper has a getPrivateParameterMap() method
PortletRequestWrapper	SIG Render	hasGetPrivateParameterMapReturns	TRUE	PortletRequestWrapper method getPrivateParameterMap() returns java.util.Map
PortletRequestWrapper	SIG Render	hasGetProperties	TRUE	PortletRequestWrapper has a getProperties(String) method
PortletRequestWrapper	SIG Render	hasGetPropertiesReturns	TRUE	PortletRequestWrapper method getProperties(String) returns java.util.Enumeration
PortletRequestWrapper	SIG Render	hasGetProperty	TRUE	PortletRequestWrapper has a getProperty(String) method
PortletRequestWrapper	SIG Render	hasGetPropertyNames	TRUE	PortletRequestWrapper has a getPropertyNames() method
PortletRequestWrapper	SIG Render	hasGetPropertyNamesReturns	TRUE	PortletRequestWrapper method getPropertyNames() returns java.util.Enumeration
PortletRequestWrapper	SIG Render	hasGetPropertyReturns	TRUE	PortletRequestWrapper method getProperty(String) returns String
PortletRequestWrapper	SIG Render	hasGetPublicParameterMap	TRUE	PortletRequestWrapper has a getPublicParameterMap() method
PortletRequestWrapper	SIG Render	hasGetPublicParameterMapReturns	TRUE	PortletRequestWrapper method getPublicParameterMap() returns java.util.Map
PortletRequestWrapper	SIG Render	hasGetRemoteUser	TRUE	PortletRequestWrapper has a getRemoteUser() method
PortletRequestWrapper	SIG Render	hasGetRemoteUserReturns	TRUE	PortletRequestWrapper method getRemoteUser() returns String
PortletRequestWrapper	SIG Render	hasGetRequest	TRUE	PortletRequestWrapper has a getRequest() method

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
PortletRequestWrapper	SIG Render	hasGetRequestReturns	TRUE	PortletRequestWrapper method getRequest() returns PortletRequest
PortletRequestWrapper	SIG Render	hasGetRequestedSessionId	TRUE	PortletRequestWrapper has a getRequestedSessionId() method
PortletRequestWrapper	SIG Render	hasGetRequestedSessionIdReturns	TRUE	PortletRequestWrapper method getRequestedSessionId() returns String
PortletRequestWrapper	SIG Render	hasGetResponseContentType	TRUE	PortletRequestWrapper has a getResponseContentType() method
PortletRequestWrapper	SIG Render	hasGetResponseContentTypeReturns	TRUE	PortletRequestWrapper method getResponseContentType() returns String
PortletRequestWrapper	SIG Render	hasGetResponseContentTypes	TRUE	PortletRequestWrapper has a getResponseContentTypes() method
PortletRequestWrapper	SIG Render	hasGetResponseContentTypesReturns	TRUE	PortletRequestWrapper method getResponseContentTypes() returns java.util.Enumeration
PortletRequestWrapper	SIG Render	hasGetScheme	TRUE	PortletRequestWrapper has a getScheme() method
PortletRequestWrapper	SIG Render	hasGetSchemeReturns	TRUE	PortletRequestWrapper method getScheme() returns String
PortletRequestWrapper	SIG Render	hasGetServerName	TRUE	PortletRequestWrapper has a getServerName() method
PortletRequestWrapper	SIG Render	hasGetServerNameReturns	TRUE	PortletRequestWrapper method getServerName() returns String
PortletRequestWrapper	SIG Render	hasGetServerPort	TRUE	PortletRequestWrapper has a getServerPort() method
PortletRequestWrapper	SIG Render	hasGetServerPortReturns	TRUE	PortletRequestWrapper method getServerPort() returns int
PortletRequestWrapper	SIG Render	hasGetUserPrincipal	TRUE	PortletRequestWrapper has a getUserPrincipal() method
PortletRequestWrapper	SIG Render	hasGetUserPrincipalReturns	TRUE	PortletRequestWrapper method getUserPrincipal() returns java.security.Principal
PortletRequestWrapper	SIG Render	hasGetWindowID	TRUE	PortletRequestWrapper has a getWindowID() method
PortletRequestWrapper	SIG Render	hasGetWindowIDReturns	TRUE	PortletRequestWrapper method getWindowID() returns String
PortletRequestWrapper	SIG Render	hasGetWindowState	TRUE	PortletRequestWrapper has a getWindowState() method
PortletRequestWrapper	SIG Render	hasGetWindowStateReturns	TRUE	PortletRequestWrapper method getWindowState() returns WindowState

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
PortletRequestWrapper	SIG Render	hasIsPortletModeAllowed	TRUE	PortletRequestWrapper has a isPortletModeAllowed(PortletMode) method
PortletRequestWrapper	SIG Render	hasIsPortletModeAllowedReturns	TRUE	PortletRequestWrapper method isPortletModeAllowed(PortletMode) returns boolean
PortletRequestWrapper	SIG Render	hasIsRequestedSessionIdValid	TRUE	PortletRequestWrapper has a isRequestedSessionIdValid() method
PortletRequestWrapper	SIG Render	hasIsRequestedSessionIdValidReturns	TRUE	PortletRequestWrapper method isRequestedSessionIdValid() returns boolean
PortletRequestWrapper	SIG Render	hasIsSecure	TRUE	PortletRequestWrapper has a isSecure() method
PortletRequestWrapper	SIG Render	hasIsSecureReturns	TRUE	PortletRequestWrapper method isSecure() returns boolean
PortletRequestWrapper	SIG Render	hasIsUserInRole	TRUE	PortletRequestWrapper has a isUserInRole(String) method
PortletRequestWrapper	SIG Render	hasIsUserInRoleReturns	TRUE	PortletRequestWrapper method isUserInRole(String) returns boolean
PortletRequestWrapper	SIG Render	hasIsWindowStateAllowed	TRUE	PortletRequestWrapper has a isWindowStateAllowed(WindowState) method
PortletRequestWrapper	SIG Render	hasIsWindowStateAllowedReturns	TRUE	PortletRequestWrapper method isWindowStateAllowed(WindowState) returns boolean
PortletRequestWrapper	SIG Render	hasRemoveAttribute	TRUE	PortletRequestWrapper has a removeAttribute(String) method
PortletRequestWrapper	SIG Render	hasRemoveAttributeReturns	TRUE	PortletRequestWrapper method removeAttribute(String) returns void
PortletRequestWrapper	SIG Render	hasSetAttribute	TRUE	PortletRequestWrapper has a setAttribute(String, Object) method
PortletRequestWrapper	SIG Render	hasSetAttributeReturns	TRUE	PortletRequestWrapper method setAttribute(String, Object) returns void
PortletRequestWrapper	SIG Render	hasSetRequest	TRUE	PortletRequestWrapper has a setRequest(PortletRequest) method
PortletRequestWrapper	SIG Render	hasSetRequestReturns	TRUE	PortletRequestWrapper method setRequest(PortletRequest) returns void
PortletRequestWrapper	SIG Render	implementsPortletRequest	TRUE	PortletRequestWrapper implements PortletRequest
PortletResponseWrapper	SIG Render	constructor	TRUE	PortletResponseWrapper provides constructor PortletResponseWrapper(PortletResponse)
PortletResponseWrapper	SIG Render	hasAddProperty	TRUE	PortletResponseWrapper has a addProperty(String, String) method

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
PortletResponseWrapper	SIG Render	hasAddPropertyA	TRUE	PortletResponseWrapper has a addProperty(String, org.w3c.dom.Element) method
PortletResponseWrapper	SIG Render	hasAddPropertyB	TRUE	PortletResponseWrapper has a addProperty(javax.servlet.http.Cookie) method
PortletResponseWrapper	SIG Render	hasAddPropertyReturns	TRUE	PortletResponseWrapper method addProperty(String, String) returns void
PortletResponseWrapper	SIG Render	hasAddPropertyReturnsA	TRUE	PortletResponseWrapper method addProperty(String, org.w3c.dom.Element) returns void
PortletResponseWrapper	SIG Render	hasAddPropertyReturnsB	TRUE	PortletResponseWrapper method addProperty(javax.servlet.http.Cookie) returns void
PortletResponseWrapper	SIG Render	hasCreateElement	TRUE	PortletResponseWrapper has a createElement(String) method
PortletResponseWrapper	SIG Render	hasCreateElementReturns	TRUE	PortletResponseWrapper method createElement(String) returns org.w3c.dom.Element
PortletResponseWrapper	SIG Render	hasEncodeURL	TRUE	PortletResponseWrapper has a encodeURL(String) method
PortletResponseWrapper	SIG Render	hasEncodeURLReturns	TRUE	PortletResponseWrapper method encodeURL(String) returns String
PortletResponseWrapper	SIG Render	hasGetNamespace	TRUE	PortletResponseWrapper has a getNamespace() method
PortletResponseWrapper	SIG Render	hasGetNamespaceReturns	TRUE	PortletResponseWrapper method getNamespace() returns String
PortletResponseWrapper	SIG Render	hasGetResponse	TRUE	PortletResponseWrapper has a getResponse() method
PortletResponseWrapper	SIG Render	hasGetResponseReturns	TRUE	PortletResponseWrapper method getResponse() returns PortletResponse
PortletResponseWrapper	SIG Render	hasSetProperty	TRUE	PortletResponseWrapper has a setProperty(String, String) method
PortletResponseWrapper	SIG Render	hasSetPropertyReturns	TRUE	PortletResponseWrapper method setProperty(String, String) returns void
PortletResponseWrapper	SIG Render	hasSetResponse	TRUE	PortletResponseWrapper has a setResponse(PortletResponse) method
PortletResponseWrapper	SIG Render	hasSetResponseReturns	TRUE	PortletResponseWrapper method setResponse(PortletResponse) returns void
PortletResponseWrapper	SIG Render	implementsPortletResponse	TRUE	PortletResponseWrapper implements PortletResponse
RenderRequestWrapper	SIG Render	constructor	TRUE	RenderRequestWrapper provides constructor RenderRequestWrapper(RenderRequest)

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
RenderRequestWrapper	SIG Render	extendsPortletRequestWrapper	TRUE	RenderRequestWrapper extends PortletRequestWrapper
RenderRequestWrapper	SIG Render	hasGetETag	TRUE	RenderRequestWrapper has a getETag() method
RenderRequestWrapper	SIG Render	hasGetETagReturns	TRUE	RenderRequestWrapper method getETag() returns String
RenderRequestWrapper	SIG Render	hasGetRequest	TRUE	RenderRequestWrapper has a getRequest() method
RenderRequestWrapper	SIG Render	hasGetRequestA	TRUE	RenderRequestWrapper has a getRequest() method
RenderRequestWrapper	SIG Render	hasGetRequestReturns	TRUE	RenderRequestWrapper method getRequest() returns RenderRequest
RenderRequestWrapper	SIG Render	hasGetRequestReturnsA	TRUE	RenderRequestWrapper method getRequest() returns PortletRequest
RenderRequestWrapper	SIG Render	hasSetRequest	TRUE	RenderRequestWrapper has a setRequest(RenderRequest) method
RenderRequestWrapper	SIG Render	hasSetRequestReturns	TRUE	RenderRequestWrapper method setRequest(RenderRequest) returns void
RenderRequestWrapper	SIG Render	implementsRenderRequest	TRUE	RenderRequestWrapper implements RenderRequest
RenderResponseWrapper	SIG Render	constructor	TRUE	RenderResponseWrapper provides constructor RenderResponseWrapper(RenderResponse)
RenderResponseWrapper	SIG Render	extendsPortletResponseWrapper	TRUE	RenderResponseWrapper extends PortletResponseWrapper
RenderResponseWrapper	SIG Render	hasCreateActionURL	TRUE	RenderResponseWrapper has a createActionURL() throws IllegalStateException method
RenderResponseWrapper	SIG Render	hasCreateActionURLReturns	TRUE	RenderResponseWrapper method createActionURL() returns PortletURL
RenderResponseWrapper	SIG Render	hasCreateRenderURL	TRUE	RenderResponseWrapper has a createRenderURL() throws IllegalStateException method
RenderResponseWrapper	SIG Render	hasCreateRenderURLReturns	TRUE	RenderResponseWrapper method createRenderURL() returns PortletURL
RenderResponseWrapper	SIG Render	hasCreateResourceURL	TRUE	RenderResponseWrapper has a createResourceURL() throws IllegalStateException method
RenderResponseWrapper	SIG Render	hasCreateResourceURLReturns	TRUE	RenderResponseWrapper method createResourceURL() returns ResourceURL
RenderResponseWrapper	SIG Render	hasFlushBuffer	TRUE	RenderResponseWrapper has a flushBuffer() throws java.io.IOException method

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
RenderResponseWrapper	SIG Render	hasFlushBufferReturns	TRUE	RenderResponseWrapper method flushBuffer() returns void
RenderResponseWrapper	SIG Render	hasGetBufferSize	TRUE	RenderResponseWrapper has a getBufferSize() method
RenderResponseWrapper	SIG Render	hasGetBufferSizeReturns	TRUE	RenderResponseWrapper method getBufferSize() returns int
RenderResponseWrapper	SIG Render	hasGetCacheControl	TRUE	RenderResponseWrapper has a getCacheControl() method
RenderResponseWrapper	SIG Render	hasGetCacheControlReturns	TRUE	RenderResponseWrapper method getCacheControl() returns CacheControl
RenderResponseWrapper	SIG Render	hasGetCharacterEncoding	TRUE	RenderResponseWrapper has a getCharacterEncoding() method
RenderResponseWrapper	SIG Render	hasGetCharacterEncodingReturns	TRUE	RenderResponseWrapper method getCharacterEncoding() returns String
RenderResponseWrapper	SIG Render	hasGetContentType	TRUE	RenderResponseWrapper has a getContentType() method
RenderResponseWrapper	SIG Render	hasGetContentTypeReturns	TRUE	RenderResponseWrapper method getContentType() returns String
RenderResponseWrapper	SIG Render	hasGetLocale	TRUE	RenderResponseWrapper has a getLocale() method
RenderResponseWrapper	SIG Render	hasGetLocaleReturns	TRUE	RenderResponseWrapper method getLocale() returns java.util.Locale
RenderResponseWrapper	SIG Render	hasGetPortletOutputStream	TRUE	RenderResponseWrapper has a getPortletOutputStream() throws java.io.IOException method
RenderResponseWrapper	SIG Render	hasGetPortletOutputStreamReturns	TRUE	RenderResponseWrapper method getPortletOutputStream() returns java.io.OutputStream
RenderResponseWrapper	SIG Render	hasGetResponse	TRUE	RenderResponseWrapper has a getResponse() method
RenderResponseWrapper	SIG Render	hasGetResponseA	TRUE	RenderResponseWrapper has a getResponse() method
RenderResponseWrapper	SIG Render	hasGetResponseReturns	TRUE	RenderResponseWrapper method getResponse() returns RenderResponse
RenderResponseWrapper	SIG Render	hasGetResponseReturnsA	TRUE	RenderResponseWrapper method getResponse() returns PortletResponse
RenderResponseWrapper	SIG Render	hasGetWriter	TRUE	RenderResponseWrapper has a getWriter() throws java.io.IOException method
RenderResponseWrapper	SIG Render	hasGetWriterReturns	TRUE	RenderResponseWrapper method getWriter() returns java.io.PrintWriter

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
RenderResponseWrapper	SIG Render	hasIsCommitted	TRUE	RenderResponseWrapper has a isCommitted() method
RenderResponseWrapper	SIG Render	hasIsCommittedReturns	TRUE	RenderResponseWrapper method isCommitted() returns boolean
RenderResponseWrapper	SIG Render	hasReset	TRUE	RenderResponseWrapper has a reset() method
RenderResponseWrapper	SIG Render	hasResetBuffer	TRUE	RenderResponseWrapper has a resetBuffer() method
RenderResponseWrapper	SIG Render	hasResetBufferReturns	TRUE	RenderResponseWrapper method resetBuffer() returns void
RenderResponseWrapper	SIG Render	hasResetReturns	TRUE	RenderResponseWrapper method reset() returns void
RenderResponseWrapper	SIG Render	hasSetBufferSize	TRUE	RenderResponseWrapper has a setBufferSize(int) method
RenderResponseWrapper	SIG Render	hasSetBufferSizeReturns	TRUE	RenderResponseWrapper method setBufferSize(int) returns void
RenderResponseWrapper	SIG Render	hasSetContentType	TRUE	RenderResponseWrapper has a setContentType(String) method
RenderResponseWrapper	SIG Render	hasSetContentTypeReturns	TRUE	RenderResponseWrapper method setContentType(String) returns void
RenderResponseWrapper	SIG Render	hasSetNextPossiblePortletModes	TRUE	RenderResponseWrapper has a setNextPossiblePortletModes(java.util.Collection) method
RenderResponseWrapper	SIG Render	hasSetNextPossiblePortletModesReturns	TRUE	RenderResponseWrapper method setNextPossiblePortletModes(java.util.Collection) returns void
RenderResponseWrapper	SIG Render	hasSetResponse	TRUE	RenderResponseWrapper has a setResponse(RenderResponse) method
RenderResponseWrapper	SIG Render	hasSetResponseReturns	TRUE	RenderResponseWrapper method setResponse(RenderResponse) returns void
RenderResponseWrapper	SIG Render	hasSetTitle	TRUE	RenderResponseWrapper has a setTitle(String) method
RenderResponseWrapper	SIG Render	hasSetTitleReturns	TRUE	RenderResponseWrapper method setTitle(String) returns void
RenderResponseWrapper	SIG Render	implementsRenderResponse	TRUE	RenderResponseWrapper implements RenderResponse
ResourceRequestWrapper	SIG Render	constructor	TRUE	ResourceRequestWrapper provides constructor ResourceRequestWrapper(ResourceRequest)
ResourceRequestWrapper	SIG Render	extendsPortletRequestWrapper	TRUE	ResourceRequestWrapper extends PortletRequestWrapper

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
ResourceRequestWrapper	SIG Render	hasGetCacheability	TRUE	ResourceRequestWrapper has a getCacheability() method
ResourceRequestWrapper	SIG Render	hasGetCacheabilityReturns	TRUE	ResourceRequestWrapper method getCacheability() returns String
ResourceRequestWrapper	SIG Render	hasGetCharacterEncoding	TRUE	ResourceRequestWrapper has a getCharacterEncoding() method
ResourceRequestWrapper	SIG Render	hasGetCharacterEncodingReturns	TRUE	ResourceRequestWrapper method getCharacterEncoding() returns String
ResourceRequestWrapper	SIG Render	hasGetContentLength	TRUE	ResourceRequestWrapper has a getContentLength() method
ResourceRequestWrapper	SIG Render	hasGetContentLengthReturns	TRUE	ResourceRequestWrapper method getContentLength() returns int
ResourceRequestWrapper	SIG Render	hasGetContentType	TRUE	ResourceRequestWrapper has a getContentType() method
ResourceRequestWrapper	SIG Render	hasGetContentTypeReturns	TRUE	ResourceRequestWrapper method getContentType() returns String
ResourceRequestWrapper	SIG Render	hasGetETag	TRUE	ResourceRequestWrapper has a getETag() method
ResourceRequestWrapper	SIG Render	hasGetETagReturns	TRUE	ResourceRequestWrapper method getETag() returns String
ResourceRequestWrapper	SIG Render	hasGetMethod	TRUE	ResourceRequestWrapper has a getMethod() method
ResourceRequestWrapper	SIG Render	hasGetMethodReturns	TRUE	ResourceRequestWrapper method getMethod() returns String
ResourceRequestWrapper	SIG Render	hasGetPortletInputStream	TRUE	ResourceRequestWrapper has a getPortletInputStream() throws java.io.IOException method
ResourceRequestWrapper	SIG Render	hasGetPortletInputStreamReturns	TRUE	ResourceRequestWrapper method getPortletInputStream() returns java.io.InputStream
ResourceRequestWrapper	SIG Render	hasGetPrivateRenderParameterMap	TRUE	ResourceRequestWrapper has a getPrivateRenderParameterMap() method
ResourceRequestWrapper	SIG Render	hasGetPrivateRenderParameterMapReturns	TRUE	ResourceRequestWrapper method getPrivateRenderParameterMap() returns java.util.Map
ResourceRequestWrapper	SIG Render	hasGetReader	TRUE	ResourceRequestWrapper has a getReader() throws java.io.UnsupportedEncodingException, java.io.IOException method
ResourceRequestWrapper	SIG Render	hasGetReaderReturns	TRUE	ResourceRequestWrapper method getReader() returns java.io.BufferedReader
ResourceRequestWrapper	SIG Render	hasGetRequest	TRUE	ResourceRequestWrapper has a getRequest() method

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
ResourceRequestWrapper	SIG Render	hasGetRequestA	TRUE	ResourceRequestWrapper has a getRequest() method
ResourceRequestWrapper	SIG Render	hasGetRequestReturns	TRUE	ResourceRequestWrapper method getRequest() returns ResourceRequest
ResourceRequestWrapper	SIG Render	hasGetRequestReturnsA	TRUE	ResourceRequestWrapper method getRequest() returns PortletRequest
ResourceRequestWrapper	SIG Render	hasGetResourceID	TRUE	ResourceRequestWrapper has a getResourceID() method
ResourceRequestWrapper	SIG Render	hasGetResourceIDReturns	TRUE	ResourceRequestWrapper method getResourceID() returns String
ResourceRequestWrapper	SIG Render	hasSetCharacterEncoding	TRUE	ResourceRequestWrapper has a setCharacterEncoding(String) throws java.io.UnsupportedEncodingException method
ResourceRequestWrapper	SIG Render	hasSetCharacterEncodingReturns	TRUE	ResourceRequestWrapper method setCharacterEncoding(String) returns void
ResourceRequestWrapper	SIG Render	hasSetRequest	TRUE	ResourceRequestWrapper has a setRequest(ResourceRequest) method
ResourceRequestWrapper	SIG Render	hasSetRequestReturns	TRUE	ResourceRequestWrapper method setRequest(ResourceRequest) returns void
ResourceRequestWrapper	SIG Render	implementsResourceRequest	TRUE	ResourceRequestWrapper implements ResourceRequest
ResourceResponseWrapper	SIG Render	constructor	TRUE	ResourceResponseWrapper provides constructor ResourceResponseWrapper(ResourceResponse)
ResourceResponseWrapper	SIG Render	extendsPortletResponseWrapper	TRUE	ResourceResponseWrapper extends PortletResponseWrapper
ResourceResponseWrapper	SIG Render	hasCreateActionURL	TRUE	ResourceResponseWrapper has a createActionURL() throws IllegalStateException method
ResourceResponseWrapper	SIG Render	hasCreateActionURLReturns	TRUE	ResourceResponseWrapper method createActionURL() returns PortletURL
ResourceResponseWrapper	SIG Render	hasCreateRenderURL	TRUE	ResourceResponseWrapper has a createRenderURL() throws IllegalStateException method
ResourceResponseWrapper	SIG Render	hasCreateRenderURLReturns	TRUE	ResourceResponseWrapper method createRenderURL() returns PortletURL
ResourceResponseWrapper	SIG Render	hasCreateResourceURL	TRUE	ResourceResponseWrapper has a createResourceURL() throws IllegalStateException method
ResourceResponseWrapper	SIG Render	hasCreateResourceURLReturns	TRUE	ResourceResponseWrapper method createResourceURL() returns ResourceURL
ResourceResponseWrapper	SIG Render	hasFlushBuffer	TRUE	ResourceResponseWrapper has a flushBuffer() throws java.io.IOException method

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
ResourceResponseWrapper	SIG Render	hasFlushBufferReturns	TRUE	ResourceResponseWrapper method flushBuffer() returns void
ResourceResponseWrapper	SIG Render	hasGetBufferSize	TRUE	ResourceResponseWrapper has a getBufferSize() method
ResourceResponseWrapper	SIG Render	hasGetBufferSizeReturns	TRUE	ResourceResponseWrapper method getBufferSize() returns int
ResourceResponseWrapper	SIG Render	hasGetCacheControl	TRUE	ResourceResponseWrapper has a getCacheControl() method
ResourceResponseWrapper	SIG Render	hasGetCacheControlReturns	TRUE	ResourceResponseWrapper method getCacheControl() returns CacheControl
ResourceResponseWrapper	SIG Render	hasGetCharacterEncoding	TRUE	ResourceResponseWrapper has a getCharacterEncoding() method
ResourceResponseWrapper	SIG Render	hasGetCharacterEncodingReturns	TRUE	ResourceResponseWrapper method getCharacterEncoding() returns String
ResourceResponseWrapper	SIG Render	hasGetContentType	TRUE	ResourceResponseWrapper has a getContentType() method
ResourceResponseWrapper	SIG Render	hasGetContentTypeReturns	TRUE	ResourceResponseWrapper method getContentType() returns String
ResourceResponseWrapper	SIG Render	hasGetLocale	TRUE	ResourceResponseWrapper has a getLocale() method
ResourceResponseWrapper	SIG Render	hasGetLocaleReturns	TRUE	ResourceResponseWrapper method getLocale() returns java.util.Locale
ResourceResponseWrapper	SIG Render	hasGetPortletOutputStream	TRUE	ResourceResponseWrapper has a getPortletOutputStream() throws java.io.IOException method
ResourceResponseWrapper	SIG Render	hasGetPortletOutputStreamReturns	TRUE	ResourceResponseWrapper method getPortletOutputStream() returns java.io.OutputStream
ResourceResponseWrapper	SIG Render	hasGetResponse	TRUE	ResourceResponseWrapper has a getResponse() method
ResourceResponseWrapper	SIG Render	hasGetResponseA	TRUE	ResourceResponseWrapper has a getResponse() method
ResourceResponseWrapper	SIG Render	hasGetResponseReturns	TRUE	ResourceResponseWrapper method getResponse() returns ResourceResponse
ResourceResponseWrapper	SIG Render	hasGetResponseReturnsA	TRUE	ResourceResponseWrapper method getResponse() returns PortletResponse
ResourceResponseWrapper	SIG Render	hasGetWriter	TRUE	ResourceResponseWrapper has a getWriter() throws java.io.IOException method
ResourceResponseWrapper	SIG Render	hasGetWriterReturns	TRUE	ResourceResponseWrapper method getWriter() returns java.io.PrintWriter

## JSR 362 Assertions

Class / Section	Keywords	Name	Testable	Description
ResourceResponseWrapper	SIG Render	hasIsCommitted	TRUE	ResourceResponseWrapper has a isCommitted() method
ResourceResponseWrapper	SIG Render	hasIsCommittedReturns	TRUE	ResourceResponseWrapper method isCommitted() returns boolean
ResourceResponseWrapper	SIG Render	hasReset	TRUE	ResourceResponseWrapper has a reset() method
ResourceResponseWrapper	SIG Render	hasResetBuffer	TRUE	ResourceResponseWrapper has a resetBuffer() method
ResourceResponseWrapper	SIG Render	hasResetBufferReturns	TRUE	ResourceResponseWrapper method resetBuffer() returns void
ResourceResponseWrapper	SIG Render	hasResetReturns	TRUE	ResourceResponseWrapper method reset() returns void
ResourceResponseWrapper	SIG Render	hasSetBufferSize	TRUE	ResourceResponseWrapper has a setBufferSize(int) method
ResourceResponseWrapper	SIG Render	hasSetBufferSizeReturns	TRUE	ResourceResponseWrapper method setBufferSize(int) returns void
ResourceResponseWrapper	SIG Render	hasSetCharacterEncoding	TRUE	ResourceResponseWrapper has a setCharacterEncoding(String) method
ResourceResponseWrapper	SIG Render	hasSetCharacterEncodingReturns	TRUE	ResourceResponseWrapper method setCharacterEncoding(String) returns void
ResourceResponseWrapper	SIG Render	hasSetContentLength	TRUE	ResourceResponseWrapper has a setContentLength(int) method
ResourceResponseWrapper	SIG Render	hasSetContentLengthReturns	TRUE	ResourceResponseWrapper method setContentLength(int) returns void
ResourceResponseWrapper	SIG Render	hasSetContentType	TRUE	ResourceResponseWrapper has a setContentType(String) method
ResourceResponseWrapper	SIG Render	hasSetContentTypeReturns	TRUE	ResourceResponseWrapper method setContentType(String) returns void
ResourceResponseWrapper	SIG Render	hasSetLocale	TRUE	ResourceResponseWrapper has a setLocale(java.util.Locale) method
ResourceResponseWrapper	SIG Render	hasSetLocaleReturns	TRUE	ResourceResponseWrapper method setLocale(java.util.Locale) returns void
ResourceResponseWrapper	SIG Render	hasSetResponse	TRUE	ResourceResponseWrapper has a setResponse(ResourceResponse) method
ResourceResponseWrapper	SIG Render	hasSetResponseReturns	TRUE	ResourceResponseWrapper method setResponse(ResourceResponse) returns void
ResourceResponseWrapper	SIG Render	implementsResourceResponse	TRUE	ResourceResponseWrapper implements ResourceResponse

## JSR 362 Assertions