



alloyfaces™

JSF Components For Alloy UI

AlloyFaces

Reference Documentation

1.0.1.1

AlloyFaces

Copyright © 2010-2011 portletfaces.org

Legal Notice

Copyright © 2010-2011 by portletfaces.org. This copyrighted material is made available to anyone wishing to use, modify, copy, or redistribute it subject to the terms and conditions of the [Apache License, Version 2.0](#).

1. AlloyFaces	1
1.1. AlloyFaces Overview	1
1.2. AlloyFaces UIComponent Tags	1
1.2.1. The aui:button-row tag	2
1.2.2. The aui:column tag	3
1.2.3. The aui:field tag	5
1.2.4. The aui:fieldset tag	6
1.2.5. The aui:form tag	7
1.2.6. The aui:layout tag	7
1.2.7. The aui:list tag	8
1.2.8. The aui:list tag	9
1.2.9. The aui:text-box-list tag	10
1.2.10. The aui:text-box-list-item tag	11
1.3. AlloyFaces Composite Component Tags	12
1.3.1. The aui-cc:button tag	13
1.3.2. The aui-cc:input tag	15
1.3.3. The aui-cc:message tag	17
1.3.4. The aui-cc:messages tag	17
1.3.5. The aui-cc:select tag	19



Chapter 1. AlloyFaces

1.1. AlloyFaces Overview

AlloyFaces is an open source project that provides JSF 2.x UI components and Facelet composite components for use with Alloy UI, a project sponsored by Liferay. The components offered by AlloyFaces are JSF equivalents of the aui: JSP tag library provided by Liferay Portal. Since Alloy UI is not bound to portlets, AlloyFaces isn't either. But developers would typically use AlloyFaces in conjunction with other JSF component libraries like ICEfaces 2.0 and deploy within Liferay Portal via the PortletFaces Bridge. The project home page can be found at <http://www.portletfaces.org/projects/alloyfaces>. The following is a list of high level features:

- [UIComponent Tags](#)
- [Facelet Composite Component Tags](#)

1.2. AlloyFaces UIComponent Tags

AlloyFaces provides the following UIComponent tags as part of its component suite.

Table 1.1. UIComponent Tags

Tag	Description
<code>alui:button-row</code>	Renders a span element with CSS class name "alui-button-holder" that will be positioned by Alloy UI CSS.
<code>alui:column</code>	Renders a div element with CSS class name "alui-column" that will be positioned by Alloy UI CSS.
<code>alui:field</code>	Renders a span element with CSS class name "alui-field" that will be positioned by Alloy UI CSS.
<code>alui:fieldset</code>	Renders a fieldset element with CSS class name "alui-fieldset" that will be positioned by Alloy UI CSS.
<code>alui:form</code>	Renders a form element with CSS class name "alui-form" that will be positioned by Alloy UI CSS.
<code>alui:layout</code>	Renders a div element with CSS class name "alui-layout" that will be positioned by Alloy UI CSS.
<code>alui:list</code>	Renders a ul element with CSS class name "alui-list" that will be positioned by Alloy UI CSS.
<code>alui:list-item</code>	Renders an li element with CSS class name "alui-listitem" that will be positioned by Alloy UI CSS.
<code>alui:text-box-list</code>	Renders a div element with CSS class name "alui-textboxlist" that will be positioned by Alloy UI CSS.
<code>alui:text-box-list-item</code>	Renders an li element with CSS class name "alui-textboxlistentry" that will be positioned by Alloy UI CSS.

1.2.1. The `alui:button-row` tag

The `alui:button-row` tag renders a span element with CSS class name "alui-button-holder" that will be positioned by Alloy UI CSS.

Table 1.2. Attributes

Attribute	Type	Description	Required
id	String	The identifier of the component	false
cssClass	String	The name of a CSS class that is to be rendered within the class attribute.	false
rendered	Boolean	Boolean flag indicating whether or not this component is to be rendered during the RENDER_RESPONSE phase of the JSF lifecycle. The default value is "true".	false
styleClass	String	The name of a CSS class that is to be rendered within the class attribute.	false

1.2.2. The aui:column tag

The `alui:column` tag renders a `div` element with CSS class name "aui-column" that will be positioned by Alloy UI CSS.

Table 1.3. Attributes

Attribute	Type	Description	Required
id	String	The identifier of the component	false
columnWidth	String	The width of the column.	false
cssClass	String	The name of a CSS class that is to be rendered within the class attribute.	false
first	Boolean	Boolean flag indicating whether or not this is the first column. The default value is "false".	false
last	Boolean	Boolean flag indicating whether or not this is the last column. The default value is "false".	false
rendered	Boolean	Boolean flag indicating whether or not this component is to be rendered during the RENDER_RESPONSE phase of the JSF lifecycle. The default value is "true".	false
styleClass	String	The name of a CSS class that is to be rendered within the class attribute.	false

1.2.3. The `alui:field` tag

The `alui:field` tag renders a span element with CSS class name "alui-field" that will be positioned by Alloy UI CSS.

Table 1.4. Attributes

Attribute	Type	Description	Required
<code>id</code>	String	The identifier of the component	false
<code>cssClass</code>	String	The name of a CSS class that is to be rendered within the class attribute.	false
<code>inlineLabel</code>	String	The position of the label. Valid values are: left, right.	false
<code>label</code>	String	The text value for the rendered label.	false
<code>rendered</code>	Boolean	Boolean flag indicating whether or not this component is to be rendered during the <code>RENDER_RESPONSE</code> phase of the JSF lifecycle. The default value is "true".	false
<code>styleClass</code>	String	The name of a CSS class that is to be rendered within the class attribute.	false
<code>type</code>	String	The type of field. Valid values are: checkbox, boolean, menu, select.	false

1.2.4. The `alui:fieldset` tag

The `alui:fieldset` tag renders a fieldset element with CSS class name "alui-fieldset" that will be positioned by Alloy UI CSS.

Table 1.5. Attributes

Attribute	Type	Description	Required
<code>id</code>	String	The identifier of the component	false
<code>column</code>	Boolean	Boolean flag indicating whether or not this is a column. The default value is "false".	false
<code>cssClass</code>	String	The name of a CSS class that is to be rendered within the class attribute.	false
<code>label</code>	String	The text value for the rendered label.	false
<code>rendered</code>	Boolean	Boolean flag indicating whether or not this component is to be rendered during the <code>RENDER_RESPONSE</code> phase of the JSF lifecycle. The default value is "true".	false
<code>styleClass</code>	String	The name of a CSS class that is to be rendered within the class attribute.	false

1.2.5. The aui:form tag

The `alui:form` tag renders a form element with CSS class name "aui-form" that will be positioned by Alloy UI CSS.

Table 1.6. Attributes

Attribute	Type	Description	Required
id	String	The identifier of the component	false
rendered	Boolean	Boolean flag indicating whether or not this component is to be rendered during the RENDER_RESPONSE phase of the JSF lifecycle. The default value is "true".	false
styleClass	String	The name of a CSS class that is to be rendered within the class attribute.	false

1.2.6. The aui:layout tag

The `alui:layout` tag renders a div element with CSS class name "aui-layout" that will be positioned by Alloy UI CSS.

Table 1.7. Attributes

Attribute	Type	Description	Required
id	String	The identifier of the component	false
cssClass	String	The name of a CSS class that is to be rendered within the class attribute.	false
rendered	Boolean	Boolean flag indicating whether or not this component is to be rendered during the RENDER_RESPONSE phase of the JSF lifecycle. The default value is "true".	false
styleClass	String	The name of a CSS class that is to be rendered within the class attribute.	false

1.2.7. The `alui:list` tag

The `alui:list` tag renders a `ul` element with CSS class name "alui-list" that will be positioned by Alloy UI CSS.

Table 1.8. Attributes

Attribute	Type	Description	Required
id	String	The identifier of the component	false
cssClass	String	The name of a CSS class that is to be rendered within the class attribute.	false
rendered	Boolean	Boolean flag indicating whether or not this component is to be rendered during the RENDER_RESPONSE phase of the JSF lifecycle. The default value is "true".	false
styleClass	String	The name of a CSS class that is to be rendered within the class attribute.	false

1.2.8. The aui:list tag

The `auilist` tag renders an `li` element with CSS class name "auilistitem" that will be positioned by Alloy UI CSS.

Table 1.9. Attributes

Attribute	Type	Description	Required
id	String	The identifier of the component	false
cssClass	String	The name of a CSS class that is to be rendered within the class attribute.	false
rendered	Boolean	Boolean flag indicating whether or not this component is to be rendered during the RENDER_RESPONSE phase of the JSF lifecycle. The default value is "true".	false
styleClass	String	The name of a CSS class that is to be rendered within the class attribute.	false

1.2.9. The `alui:text-box-list` tag

The `alui:text-box-list` tag renders a div element with CSS class name "alui-textboxlist" that will be positioned by Alloy UI CSS.

Table 1.10. Attributes

Attribute	Type	Description	Required
<code>id</code>	String	The identifier of the component	false
<code>cssClass</code>	String	The name of a CSS class that is to be rendered within the class attribute.	false
<code>rendered</code>	Boolean	Boolean flag indicating whether or not this component is to be rendered during the <code>RENDER_RESPONSE</code> phase of the JSF lifecycle. The default value is "true".	false
<code>styleClass</code>	String	The name of a CSS class that is to be rendered within the class attribute.	false

1.2.10. The `alui:text-box-list-item` tag

The `alui:text-box-list-item` tag renders an `li` element with CSS class name "alui-textboxlistentry" that will be positioned by Alloy UI CSS.

Table 1.11. Attributes

Attribute	Type	Description	Required
id	String	The identifier of the component	false
cssClass	String	The name of a CSS class that is to be rendered within the class attribute.	false
rendered	Boolean	Boolean flag indicating whether or not this component is to be rendered during the RENDER_RESPONSE phase of the JSF lifecycle. The default value is "true".	false
styleClass	String	The name of a CSS class that is to be rendered within the class attribute.	false

1.3. AlloyFaces Composite Component Tags

AlloyFaces provides the following Facelet Composite Component tags as part of its component suite.

Table 1.12. Facelet Composite Component Tags

Tag	Description
<code>aui-cc:button</code>	Renders a div with CSS class name "aui-button" and a child input element with CSS class name "aui-button-input".
<code>aui-cc:input</code>	Renders either an input (type=text), textarea, input (type="secret"), input (type="checkbox"), or input (type="radio") with appropriate Alloy UI CSS class names, according to the value of the type attribute.
<code>aui-cc:message</code>	Encapsulates a standard JSF h:message tag with JSR 286 (Portlet 2.0) CSS class names.
<code>aui-cc:messages</code>	Encapsulates a standard JSF h:messages tag with JSR 286 (Portlet 2.0) CSS class names.
<code>aui-cc:select</code>	Encapsulates a standard JSF h:selectOneMenu tag with CSS class name "aui-field-input aui-field-input-select aui-field-input-menu".

1.3.1. The aui-cc:button tag

The `aui-cc:button` renders a div with CSS class name "aui-button" and a child input element with CSS class name "aui-button-input".

Table 1.13. Attributes

Attribute	Type	Description	Required
id	String	The identifier of the component	false
cssClass	String	The name of a CSS class that is to be rendered within the class attribute.	false
immediate	Boolean	Boolean flag indicating whether or not actions and action listeners are to be executed during the APPLY_REQUEST_VALUES phase of the JSF lifecycle. The default value is "false".	false
label	String	The text value for the rendered label of the button.	false
rendered	Boolean	Boolean flag indicating whether or not this component is to be rendered during the RENDER_RESPONSE phase of the JSF lifecycle. The default value is "true".	false
styleClass	String	The name of a CSS class that is to be rendered within the class attribute.	false

1.3.2. The `alui-cc:input` tag

The `alui-cc:input` renders either an `input (type=text)`, `textarea`, `input (type="secret")`, `input (type="checkbox")`, or `input (type="radio")` with appropriate Alloy UI CSS class names, according to the value of the `type` attribute.

onchange	String	This is an HTML pass-thru type of attribute.	false
Chapter 1 AlloyFaces	Boolean	This is an HTML	false
Table 1.14. Attributes		pass-thru type of attribute. The default value is "false".	
required	Boolean	Boolean flag indicating whether or not it is required for the user to supply a value for this component. The default value is "false".	false
rendered	Boolean	Boolean flag indicating whether or not this component is to be rendered during the RENDER_RESPONSE phase of the JSF lifecycle. The default value is "true".	false
rows	String	The number of rows for the rendered textarea.	false
size	String	The size/width of the rendered input text box.	false
style	String	This is an HTML pass-thru type of attribute.	false
styleClass	String	The name of a CSS class that is to be rendered within the class attribute.	false
type	String	The type of input field. Valid values are: text, textarea, password, checkbox, boolean.	false

1.3.3. The aui-cc:message tag

The `alui-cc:message` encapsulates a standard JSF `h:message` tag with JSR 286 (Portlet 2.0) CSS class names.

Table 1.15. Attributes

Attribute	Type	Description	Required
id	String	The identifier of the component	false
for	String	The id of the component for which this message is associated.	false
rendered	Boolean	Boolean flag indicating whether or not this component is to be rendered during the RENDER_RESPONSE phase of the JSF lifecycle. The default value is "true".	false
styleClass	String	The name of a CSS class that is to be rendered within the class attribute.	false
style	String	This is an HTML pass-thru type of attribute.	false

1.3.4. The aui-cc:messages tag

The `alui-cc:messages` encapsulates a standard JSF `h:messages` tag with JSR 286 (Portlet 2.0) CSS class names.

Table 1.16. Attributes

Attribute	Type	Description	Required
id	String	The identifier of the component	false
globalOnly	Boolean	Boolean flag indicating whether or not this component is to render only the global messages, meaning, messages that are not associated with an individual component. The default value is "false".	false
layout	String	The layout of the list of messages. Valid values are: list, table.	false
rendered	Boolean	Boolean flag indicating whether or not this component is to be rendered during the RENDER_RESPONSE phase of the JSF lifecycle. The default value is "true".	false
styleClass	String	The name of a CSS class that is to be rendered within the class attribute.	false
style	String	This is an HTML pass-thru type of attribute.	false

1.3.5. The aui-cc:select tag

The `alui-cc:select` encapsulates a standard JSF `h:selectOneMenu` tag with CSS class name "aui-field-input aui-field-input-select aui-field-input-menu".

NOTE that sometimes the JSF implementation performs more reliably if a simple `h:selectOneMenu` is used instead of this tag.

Table 1.17. Attributes

Attribute	Type	Description	Required
id	String	The identifier of the component	false
inlineMessage	String	Boolean flag indicating whether or not there should be an inline <code>h:message</code> tag included. The default value is "false".	false
label	String	The text value for the rendered label.	false
rendered	Boolean	Boolean flag indicating whether or not this component is to be rendered during the <code>RENDER_RESPONSE</code> phase of the JSF lifecycle. The default value is "true".	false
value	<code>java.util.List</code>	The list of items that are to appear in the drop down list.	false

