

OA Component Reference

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OA Extension Component Reference

package

Description

A package file contains attributeSets. AttributeSets are a collection of properties that can be re-used in OA components.

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Comments	Comments	string	null	null	no	comment
Documentation Comment	Formatted text for use with Javadoc.	string	from template file	null	no	not applicable
File Version	The version of the file.	string	null	null	no	file-version
OA Extension Version	The Oracle Applications Extension version with which the file was created or updated.	jrad:version	null	null	no	version

page

Description

A top-level container that enables the user interface to your application.

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Attribute Set	The attribute set for the component.	jrad:attributeSetRef	null	null	no	use
Comments	Comments.	string	null	null	no	comment
File Version	The version of the file.	string	null	null	no	file-version
OA Extension Version	The Oracle Applications Extension version with which the file was created or updated.	jrad:version	null	null	no	version

attributeSet

Description

Attribute sets are named, reusable collections of properties (prompt, maximum display length, data type and so on as appropriate for the attribute set type) that can be used by any type of OA component, including regions, items, and other attribute sets. They are designed to facilitate the reuse of these components throughout Oracle Applications, which yields a significant cost savings to both Oracle and its customers.

In general terms, attribute sets are organized into OA component packages (individual XML package files), where you have one package file per database table in your application.

Refer to the Attribute Sets section in the Oracle Applications Framework Developer's Guide, included in the Help, for complete information on using attribute sets.

Properties

The list of properties that an attribute set can assume is not limited to those in the list below; it includes the union of all properties available on all components.

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Document Name	The name of the component	jrads:refName	null	null	no	docName
Scope	The Base Packages which are allowed to reuse this component.	jrads:scope	.(public)	null	no	scope

Region Styles

advancedSearch

Description

The advancedSearch region extends UIX's StackLayoutBean. This is a very complicated layout used for rendering search pages which allow an end-user to specify a criteria for performing a search.

Metadata for advancedSearch region implementation consists of three parts:

- Static Text
- Criteria Rows
- Button Bar

The XML schema for advancedSearch defines three groupings: staticText, criteria, and buttonBar. The staticText grouping contains a set of messageStyledText beans. The criteria grouping will contain criteriaRow elements. The buttonBar grouping will contain a set of submit beans. The metadata for criteriaRow shows only two elements -- a messageStyledText element for displaying the label, and an input (messageTextInput, messageLovInput, messageChoice) element. Internally, the framework creates a messageChoice bean that gets rendered between the label and the input element. So, the messageStyledText bean, the messageChoice bean, and the input element form a criteria row.

Corresponding web bean: OAAAdvancedSearchBean

Properties

The advancedSearch region inherits all the attributes from stackLayout. No additional attributes specific to this region style are required. See the section on [stackLayout](#) for a list of attributes and child elements available for the stackLayout element.

Child Elements

In addition to inheriting the named children defined for the OA Extension, the extension will have the following groupings:

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Intermedia	Indicates if the	boolean	false	null	no	intermediaStyle

Region Styles

Style	advanced search will use intermedia style queries.					
-------	--	--	--	--	--	--

Element Children

Name	Quantity	Description
buttonBar	0 through 1	This element contains a group of buttons that are rendered at the bottom of the search region. A developer can add as many buttons inside this container as he wishes.
criteria	1	This is a container for unbounded number of rowLayout elements.
staticText	0 through 1	Describes the text before the radioButtons.

advancedTable

Description

The advancedTable region style is used to display tabular data. It supports selection (both single and multiple), sorting, record navigation, totaling and detail-disclosure. advancedTable also provides declarative support for grouping of column headers. This includes support for column formats, column header, column header data and column header formats.

Support for both column bean and column group beans is provided. These are container beans with the ability to hold other regions and items. Support for formValue beans is also provided. See the section on [formValue](#) for a list of attributes and child elements available on the formValue element.

advancedTable supports column beans and columnGroup beans only as indexed children; the mix of both is not supported.

Declarative specification is possible for the following advancedTable features/components/attributes:

- Number of rows to be displayed for the table
- The header text for the individual table columns
- Whether sorting is to be enabled on the table, and if the table is to be rendered with the initial sorts on at most three columns
- Whether a column can be totaled
- Single selector and multiple selector named children
- Detail disclosure named child
- Row headers
- Wrap settings
- ColumnBean and ColumnGroupBean as indexed children
- Any bean as an indexed child of the selector
- Around the table insertion, whether the table should render the "Add Another Row"; whether row insertion should be auto-handled by the OA Framework and if so, the number of rows to be inserted in one go
- Table formats - tableBanding, bandingInterval
- Column formats - columnDataFormat, cellNoWrapFormat, width, displayGrid, bandingShade
- Column header formats - cellNoWrapFormat
- Row formats - displayGrid
- Row header formats - cellNoWrapFormat
- Whether a value will be submitted with a form - formValue

Advanced Table Accessibility Support

To support accessibility for screen readers, you must specify a column in an advanced table as a row header. Every row in the table must refer to a column as the row header that uniquely

Region Styles

identifies the row so the screen reader can read it. Screen reader users must also define their Accessibility mode by setting the profile "Self Service Accessibility Features" to **Screen Reader Optimized**.

The underlying UIX `oracle.cabo.ui.beans.table.TableBean` supports accessibility by defaulting a table's first column as the row header. However, you can set a different column as the row header, especially if a user is likely to personalize the table by turning off rendering of the first column or if the first column can return no data.

To declaratively set a column as a row header, in the OA Extension Property Inspector, specify a column ID (String) for the Row Header Column property (XML attribute: `rowheadercol`) of the advanced table region.

To programmatically set a column as a row header, use the following API on `OAAAdvancedTableBean`:

```
setRowHeaderColumn(<columnName>);
```

As of Release 12.2, you may also personalize the Row Header Col property of an Advanced Table to set a column as a Row Header for screen reader accessibility.

Corresponding web bean: `OAAAdvancedTableBean`

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Additional Text	Additional help text.	string	null	admin	yes	shortDesc
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
AM Definition	The fully-qualified class name for the application module.	string	null	null	no	amDefName
AM Instance	The instance name of an application module.	string	null	null	no	amUsageName
Attribute Set	The attribute set for the component.	jrad:attributeSetRef	null	null	no	use
Banding Interval	The number of rows or columns to group with the same shade.	unsignedInt	1	user	no	bandingInterval
Banding	The type of	ui:tableBanding	noBan	user	no	tableBanding

Type	banding on the table.	gRule	ding			
Child View Attribute	The name of the child view attribute.	string	null	null	no	childViewAttrName
Comments	Comments	string	null	null	no	comment
Controller Class	The fully-qualified class name for the controller object.	string	null	admin	no	controllerClass
Detail View Attribute	The view attribute that determines if that particular row is to be stamped with the detail child.	string	null	null	no	detailViewAttr
Dirty Row Sort Enabled	Indicates if middle-tier sort should be performed on the table.	boolean	false	null	no	dirtyRowSortEnabled
Disable Client Side Validation	Indicates if validation should not occur on the web tier during a form submit.	boolean	false	null	no	unvalidated
Display Vertical Gridlines	Control display of vertical gridlines.	boolean	true	admin	no	verticalGridlinesDisplayed
Document Name	The name of the component	jrad:refName	null	null	no	docName
Documentation Comment	Formatted text for use with Javadoc.	string	from template file	null	no	not applicable
Empty Table Text	The text to display inside an empty table.	string	null	null	no	alternateText
Enable Column Hide Show	Enable columns to be hidden/shown by end users.	boolean	true	admin	no	columnHideShowEnabled
Enable Column Reorder	Enable columns to be reordered by end users.	boolean	true	admin	no	colReorderEnabled
Enable Column Resize	Enable columns to be resized by end users.	boolean	true	admin	no	colResizeEnabled
Enable Detach	Enable the table to be detached and maximized in the	boolean	true	admin	no	detachEnabled

Region Styles

	browser.					
Enable Horizontal Scroll	Enable horizontal scroll bars.	boolean	true	admin	no	horizontalScrollEnabled
Extends	A reference to another component that creates a different instance of that component at runtime.	jrad:componentRef	null	null	no	extends
File Version	The version of the file.	string	null	null	no	file-version
Help Target	The target name for the page online help.	string	null	null	no	helpTarget
Help Target Appl Short Name	This application will be used to construct URI of the "help" icon in the global menu of the page.This makes the help pages from the other applications referenceable.	string	null	null	no	helpTargetAppShortName
ID	The unique name of this component.	Name	null	null	no	id
OA Extension Version	The Oracle Applications Extension version with which the file was created or updated.	jrad:version	null	null	no	version
Personalization Label	The region label used for Personalization.	string	null	null	no	regionName
Post Initial Values	Indicates if rows which are made dirty only by the defaulting of Initial Values are to be posted.	boolean	false	null	no	postDefault
Record History Enabled	Indicates if Record History feature is enabled.	boolean	false	admin	no	recordHistoryEnabled
Records	The maximum	unsignedInt	10	admin	no	blockSize

Displayed	number of rows to display.					
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Row Header Col	Indicates if Scope attribute is to be added to Table.	string	null	admin	no	rowheadercol
Row Header View Attribute	The view attribute for the row header.	string	null	null	no	rowHeaderViewAttr
Scope	The Base Packages which are allowed to reuse this component.	jrad:scope	.	null	no	scope
Security Mode	Defines the security mode used to secure the region. If set to selfSecured it is the developer's responsibility to handle security validation. The legal values are standard, and self Secured.	string	standard	null	no	securityMode
Standalone	Indicates if this region can be rendered on its own.	boolean	false	null	no	standalone
Text	The text label for the component.	string	null	admin	no	text
User Personalization	Indicates if a user can personalize this component.	boolean	false	admin	no	userCustomizable
View Instance	The name of the view object instance.	string	null	null	no	viewName
View Link Instance	The name of the View Link Instance establishing master-detail relationship between outer and	string	null	null	no	viewLinkName

Region Styles

	inner repeating containers.					
Width	Indicates the width in pixels or as a percentage (if the % sign is included).	string	null	null	no	width
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

Element Children

Name	Quantity	Description
detail	0 through 1	Node to stamp below every row which is disclosed.
footer	0 through 1	Node used to render the table footer.
tableActions	0 through 1	Component used for performing table actions that are independent of row selection.
tableSelection	0 through 1	SingleSelectionBean or MultipleSelectionBean to render with the table.

columnGroup

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Attribute Set	The attribute set for the component.	jrad:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
Document Name	The name of the component	jrad:refName	null	null	no	docName
Extends	A reference	jrad:component	null	null	no	extends

	to another component that creates a different instance of that component at runtime.	Ref				
Rendered	Indicates if the component is rendered.	boolean	null	user	no	rendered
Scope	The Base Packages which are allowed to reuse this component .	jrads:scope	.	null	no	scope
User Personalization	Indicates if a user can personalize this component . Valid only when used in table region.	boolean	false	admin	no	userCustomizable
xml:lang	Identifies the language contained within this component .	optional	null	null	no	xml:lang

Column

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Alignment	columnDataFor	ui:tableColumnData	textFor	user	no	columnDataFo

Region Styles

	mat	Format	mat			rmat
Attribute Set	The attribute set for the component.	jrad:attributeSetRef	null	null	no	use
Banding Shade	The shade of banding used for the column. The legal values are none, dark, and light.	string	none	user	no	bandingShade
Comments	Comments	string	null	null	no	comment
Document Name	The name of the component	jrad:refName	null	null	no	docName
Extends	A reference to another component that creates a different instance of that component at runtime.	jrad:componentRef	null	null	no	extends
Grid Displayed	Indicates if a gridline before the column should appear.	boolean	true	user	no	displayGrid
No Wrap	Indicates if cell contents should be wrapped. Valid only when used in table region.	boolean	false	user	no	cellNoWrapFormat
Rendered	Indicates if the component is rendered.	boolean	null	user	no	rendered
Scope	The Base Packages which are allowed to reuse this component.	jrad:scope	.	null	no	scope
Total Value	Indicates if an additional field should be displayed to show the total of this column.	boolean	false	user	no	totalValue

User Personalization	Indicates if a user can personalize this component. Valid only when used in table region.	boolean	false	admin	no	userCustomizable
Width	column width.	string	null	user	no	width
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

sortableHeader

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Abbreviation	The value for this property acts as an abbreviation for the column header text, and is read whenever a value for the column is read out. Use this property to avoid long table headings being read repetitively by a screen reader.	string	null	null	no	abbreviation
Additional Text	Additional help text.	string	null	admin	yes	shortDesc
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Attribute Set	The attribute set for the component.	jrad:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Document Name	The name of the component	jrad:refName	null	null	no	docName
Extends	A reference to another component that creates a different instance of that	jrad:componentRef	null	null	no	extends

Region Styles

	component at runtime.					
Initial Sort Sequence	Indicates the initial sort sequence for each search. The legal values are none, first, second, and third.	string	none	null	no	initSortSeq
No Wrap	Indicates if cell contents should be wrapped. Valid only when used in table region.	boolean	false	null	no	cellNoWrapFormat
Prompt	The text label for the component.	string	null	admin	yes	prompt
Rendered	Indicates if the component is rendered.	boolean	null	user	no	rendered
Required Indicator	Indicates if the required indicator is shown on the column header. Valid values are "no," "uiOnly," "validatorOnly" and "yes."	ui:required	no	admin	no	required
Scope	The Base Packages which are allowed to reuse this component.	jrad:scope	.	null	no	scope
Sort Allowed	Indicates if the user can sort this column. Valid only when used in table region. The legal values are yes, no, ascending, and descending.	string	no	admin	no	sortState
Sort By View Attribute	The alternate view attribute name for use when sorting. Valid only when used in table region.	string	null	user	no	sortByViewAttribute
User Personalization	Indicates if a user can personalize this component. Valid only when used in table region.	boolean	false	admin	no	userCustomizable
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

tableFooter

Name	Description	Type	Default	Personalizable	Translatable	XML Attribute
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			Value			
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Attribute Set	The attribute set for the component.	jrad:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
Controller Class	The fully-qualified class name for the controller object.	string	null	admin	no	controllerClass
Document Name	The name of the component	jrad:refName	null	null	no	docName
Extends	A reference to another component that creates a different instance of that component at runtime.	jrad:componentRef	null	null	no	extends
Personalization Label	The region label used for Personalization.	string	null	null	no	regionName
Post Initial Values	Indicates if rows which are made dirty only by the defaulting of Initial Values are to be posted.	boolean	false	null	no	postDefault
Rendered	Indicates if the component is rendered.	boolean	null	user	no	rendered
Scope	The Base Packages which are allowed to reuse this component.	jrad:scope	.	null	no	scope
Security Mode	Defines the security mode used to secure the region. If set to selfSecured it is the developer's responsibility to handle security validation. The legal values are standard, and selfSecured.	string	standard	null	no	securityMode
xml:lang	Identifies the	optional	null	null	no	xml:lang

	language contained within this component.					
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addTableRow

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Add Rows Label	Overrides the default text of the Add Rows button.	string	null	admin	true	text
Additional Text	Additional help text.	string	null	admin	yes	shortDesc
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Attribute Set	The attribute set for the component.	jrad:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
Document Name	The name of the component	jrad:refName	null	null	no	docName
Extends	A reference to another component that creates a different instance of that component at runtime.	jrad:componentRef	null	null	no	extends
Insert Rows Automatically	Indicates if rows will be added automatically	boolean	true	null	no	autoInsertion

	ly when the Add Rows button is pressed, or if the developer must respond to the event.					
Rendered	Indicates if the component is rendered.	boolean	null	user	no	rendered
Rows to Add	The number of rows to add when the button is pressed.	unsignedInt	null	admin	no	rows
Scope	The Base Packages which are allowed to reuse this component .	jrad:scope	.	null	no	scope
xml:lang	Identifies the language contained within this component .	optional	null	null	no	xml:lang

totalRow

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Additional Text	Additional help text.	string	null	admin	yes	shortDesc
Admin Personalization	Indicates if an Administrator can personalize this	boolean	true	admin	no	adminCustomizable

Region Styles

	component .					
Attribute Set	The attribute set for the component .	jrad:attributeSet Ref	null	null	no	use
Comments	Comments	string	null	null	no	comment
Disable Total Recalculation	Indicates if the button used to update totals should not be rendered.	boolean	false	admin	no	readOnly
Document Name	The name of the component	jrad:refName	null	null	no	docName
Extends	A reference to another component that creates a different instance of that component at runtime.	jrad:component Ref	null	null	no	extends
Recalculate Totals Label	Overrides the default text of the Update Totals button.	string	null	admin	true	text
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Scope	The Base Packages which are allowed to reuse this component .	jrad:scope	.	null	no	scope
xml:lang	Identifies	optional	null	null	no	xml:lang

	the language contained within this component.					
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lovActionButton

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Additional Text	Additional help text.	string	null	admin	yes	shortDesc
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Attribute Set	The attribute set for the component.	jrad:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Document Name	The name of the component	jrad:refName	null	null	no	docName
Extends	A reference to another component that creates a different instance of that component at runtime.	jrad:componentRef	null	null	no	extends
External LOV	The name of the	jrad:componentRef	null	null	no	externalListOfValues

Region Styles

	external List of Values region.					
Prompt	The text label for the component .	string	null	admin	true	prompt
Rendered	Indicates if the component is rendered.	boolean	null	user	no	rendered
Scope	The Base Packages which are allowed to reuse this component .	jrad:scope	.	null	no	scope
xml:lang	Identifies the language contained within this component .	optional	null	null	no	xml:lang

lovActionMap

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Additional Text	Additional help text.	string	null	admin	yes	shortDesc
Attribute Set	The attribute set for the component.	jrad:attributeSetRef	null	null	no	use
LOV Region Item	The name of the item in the List Of Values region.	jrad:localRefString	null	null	no	lovItem
Rendered	Indicates if the component is rendered.	boolean	null	user	no	rendered
Return Item	The name of the item in the	jrad:localRef	null	null	no	resultTo

	base page that receives the result from the LOV Region Item.					
--	--	--	--	--	--	--



bulletedList

Description

The bulletedList region outputs each visible indexed child in a list with a bullet next to it. A visible indexed child is a child whose RENDERED_ATTR has not been set to false.

The list can be split into columns. This is done by setting the Height attribute. This is the multiple of indexed children at which to add another column.

For example, if the Height attribute is set to 6, and there are 1-6 visible indexed children, there would be one column. If there are 7 to 12 visible indexed children there would be 2 columns, and if there are 13+ visible indexed children, they would be shown in 3 columns.

The maximum number of columns is 3, so if there are 100 visible indexed children, there will still be only 3 columns. The default split is set to 10. The split is based solely on the number of visible indexed children and not on their size.

The bulletedList region extends the UIX counterpart <uix:bulletedList> and inherits all the attributes and the named children. The only child that <uix:bulletedList> supports is the standard contents element for the indexed children.

Corresponding web bean: OABulletedListBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Add Indexed Children	Indicates if indexed children will be automatically added to this UI node tree.	boolean	true	null	no	addChildren
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
AM Definition	The fully-qualified class name for the application module.	string	null	null	no	amDefName
AM Instance	The instance name of an application	string	null	null	no	amUsageName

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
	module.					
Attribute Set	The attribute set for the component.	jrads:attributeSetRef	null	null	no	use
Child View Attribute	The name of the child view attribute.	string	null	null	no	childViewAttributeName
Child View Instance	Renders an instance of the object for each row in the View Instance.	string	null	null	no	childViewUsageName
Comments	Comments	string	null	null	no	comment
Controller Class	The fully-qualified class name for the controller object.	string	null	admin	no	controllerClass
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Document Name	The name of the component	jrads:refName	null	null	no	docName
Documentation Comment	Formatted text for use with Javadoc.	string	from template file	null	no	not applicable
Extends	A reference to another component that creates a different instance of that component at runtime.	jrads:componentRef	null	null	no	extends
File Version	The version of the file.	string	null	null	no	file-version
Height	The display height in characters.	string	null	null	no	height
Help Target	The target name for the page online help.	string	null	null	no	helpTarget
Help Target Appl Short Name	This application will be used to construct URI of the "help" icon in the global menu of the page. This makes the help pages from the other	string	null	null	no	helpTargetAppShortName

Region Styles

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
	applications referenceable.					
ID	The unique name of this component.	Name	null	null	no	id
OA Extension Version	The Oracle Applications Extension version with which the file was created or updated.	jrads:version	null	null	no	version
Personalization Label	The region label used for Personalization.	string	null	null	no	regionName
Post Initial Values	Indicates if rows which are made dirty only by the defaulting of Initial Values are to be posted.	boolean	false	null	no	postDefault
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Scope	The Base Packages which are allowed to reuse this component.	jrads:scope	.	null	no	scope
Security Mode	Defines the security mode used to secure the region. If set to selfSecured it is the developer's responsibility to handle security validation. The legal values are standard , and selfSecured .	string	standard	null	no	securityMode
Standalone	Indicates if this region can be rendered on its own.	boolean	false	null	no	standalone
View Link Instance	The name of the View Link Instance establishing master-detail relationship	string	null	null	no	viewLinkName

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
	between outer and inner repeating containers.					
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

cellFormat

Description

The cellFormat region is used to format cells in a Row Layout region. The `UIX UINode` element `<uix:cellFormat>` defines attributes such as `columnSpan`, `rowSpan`, `hAlign`, `vAlign`, `height`, `width`, etc. cellFormat is a container of other layout elements which allow its contents to take additional formatting such as width, colspan, or vertical alignment.

cellFormat extends the `UIX` counterpart `<uix:cellFormat>` and inherits all the attributes and the named children. The only named child that `<uix:cellFormat>` supports is the standard contents element for the indexed children.

Corresponding web bean: `OACellFormatBean`

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Add Indexed Children	Indicates if indexed children will be automatically added to this UI node tree.	boolean	true	null	no	addChildren
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
AM Definition	The fully-qualified class name for the application module.	string	null	null	no	amDefName
AM Instance	The instance name of an application module.	string	null	null	no	amUsageName
Attribute Set	The attribute set for the component.	jrads:attributeSetRef	null	null	no	use
Child View Attribute	The name of the child view attribute.	string	null	null	no	childViewAttributeName
Child View Instance	Renders an instance of the object for each row in the View Instance.	string	null	null	no	childViewUsageName

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Column Span	The number of columns spanned by the cell.	string	(if not set): 1	null	no	columnSpan
Comments	Comments	string	null	null	no	comment
Controller Class	The fully-qualified class name for the controller object.	string	null	admin	no	controllerClass
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Document Name	The name of the component	jrads:refName	null	null	no	docName
Documentation Comment	Formatted text for use with Javadoc.	string	from template file	null	no	not applicable
Extends	A reference to another component that creates a different instance of that component at runtime.	jrads:componentRef	null	null	no	extends
File Version	The version of the file.	string	null	null	no	file-version
Height	The display height in pixels.	string	null	null	no	height
Horizontal Alignment	Horizontal alignment. Acceptable values are "center", "left", "right", "start", and "end".	string	null	null	no	hAlign
ID	The unique name of this component.	Name	null	null	no	id
OA Extension Version	The Oracle Applications Extension version with which the file was created or updated.	jrads:version	null	null	no	version
Personalization Label	The region label used for Personalization.	string	null	null	no	regionName
Post Initial Values	Indicates if rows which are made dirty	boolean	false	null	no	postDefault

Region Styles

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
	only by the defaulting of Initial Values are to be posted.					
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Row Span	The number of rows spanned by the cell.	string	(if not set): 1	null	no	rowSpan
Scope	The Base Packages which are allowed to reuse this component.	jrad:scope	.	null	no	scope
Security Mode	Defines the security mode used to secure the region. If set to selfSecured it is the developer's responsibility to handle security validation. The legal values are standard , and selfSecured .	string	standard	null	no	securityMode
Vertical Alignment	Vertical alignment. Acceptable values are "middle", "top", and "bottom".	string	null	null	no	vAlign
View Link Instance	The name of the View Link Instance establishing master-detail relationship between outer and inner repeating containers.	string	null	null	no	viewLinkName
Width	Indicates the width in pixels or as a percentage (if % sign included).	string	null	null	no	width
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

contentContainer

Description

The contentContainer region is used to place ancillary information on a page, offset by a certain color.

contentContainer extends <uix:contentContainer> and inherits all the attributes and the named children from it.

Corresponding web bean: OAContentContainerBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Add Indexed Children	Indicates if indexed children will be automatically added to this UI node tree.	boolean	true	null	no	addChildren
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
AM Definition	The fully-qualified class name for the application module.	string	null	null	no	amDefName
AM Instance	The instance name of an application module.	string	null	null	no	amUsageName
Attribute Set	The attribute set for the component.	jrad:attributeSetRef	null	null	no	use
Background Shade	The background shade of the content container. It should be one of "light", "medium", "dark", or "transparent".	ui:backgroundType	null	null	no	background
Child View Attribute	The name of the child view attribute.	string	null	null	no	childViewAttributeName

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Child View Instance	Renders an instance of the object for each row in the View Instance.	string	null	null	no	childViewUsageName
Comments	Comments	string	null	null	no	comment
Controller Class	The fully-qualified class name for the controller object.	string	null	admin	no	controllerClass
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Document Name	The name of the component	jrad:refName	null	null	no	docName
Documentation Comment	Formatted text for use with Javadoc.	string	from template file	null	no	not applicable
Extends	A reference to another component that creates a different instance of that component at runtime.	jrad:componentRef	null	null	no	extends
File Version	The version of the file.	string	null	null	no	file-version
Icon URI	the URI for the icon file.	anyURI	null	admin	no	icon
ID	The unique name of this component.	Name	null	null	no	id
OA Extension Version	The Oracle Applications Extension version with which the file was created or updated.	jrad:version	null	null	no	version
Personalization Label	The region label used for Personalization.	string	null	null	no	regionName
Post Initial Values	Indicates if rows which are made dirty only by the defaulting of Initial Values are to be posted.	boolean	false	null	no	postDefault
Rendered	Indicates if the	boolean	true	user	no	rendered

Region Styles

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
	component is rendered.					
Scope	The Base Packages which are allowed to reuse this component.	jrads:scope	.	null	no	scope
Security Mode	Defines the security mode used to secure the region. If set to selfSecured it is the developer's responsibility to handle security validation. The legal values are standard , and selfSecured .	string	standard	null	no	securityMode
Text	The text label for the component.	string	null	admin	no	text
View Link Instance	The name of the View Link Instance establishing master-detail relationship between outer and inner repeating containers.	string	null	null	no	viewLinkName
Width	Indicates the width in pixels or as a percentage (if % sign included).	string	null	null	no	width
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

contentFooter

Description

The contentFooter region is used to create a horizontal separator with a curved corner to distinguish page level action/navigation buttons from the page content.

This component is always embedded directly inside the top level pageLayout component. contentFooter extends <uix:contentFooter> and inherits all the attributes and the named children from it.

Corresponding web bean: OAContentFooterBean

Note: contentFooter is deprecated as a style. You should use page buttons instead.

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
AM Definition	The fully-qualified class name for the application module.	string	null	null	no	amDefName
AM Instance	The instance name of an application module.	string	null	null	no	amUsageName
Attribute Set	The attribute set for the component.	jrad:attributeSetRef	null	null	no	use
Child View Attribute	The name of the child view attribute.	string	null	null	no	childViewAttributeName
Child View Instance	Renders an instance of the object for each row in the View Instance.	string	null	null	no	childViewUsageName
Comments	Comments	string	null	null	no	comment
Controller Class	The fully-qualified class name for the controller object.	string	null	admin	no	controllerClass
CSS Class	Overrides the default	string	null	admin	no	styleClass

Region Styles

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
	CSS class.					
Document Name	The name of the component	jrad:refName	null	null	no	docName
Documentation Comment	Formatted text for use with Javadoc.	string	from template file	null	no	not applicable
Extends	A reference to another component that creates a different instance of that component at runtime.	jrad:componentRef	null	null	no	extends
File Version	The version of the file.	string	null	null	no	file-version
ID	The unique name of this component.	Name	null	null	no	id
OA Extension Version	The Oracle Applications Extension version with which the file was created or updated.	jrad:version	null	null	no	version
Personalization Label	The region label used for Personalization.	string	null	null	no	regionName
Post Initial Values	Indicates if rows which are made dirty only by the defaulting of Initial Values are to be posted.	boolean	false	null	no	postDefault
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Scope	The Base Packages which are allowed to reuse this component.	jrad:scope	.	null	no	scope
Security Mode	Defines the security mode used to secure the region. If set to selfSecured it is the developer's responsibility to	string	standard	null	no	securityMode

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
	handle security validation. The legal values are standard , and selfSecured .					
View Link Instance	The name of the View Link Instance establishing master-detail relationship between outer and inner repeating containers.	string	null	null	no	viewLinkName
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

defaultDoubleColumn

Description

The defaultDoubleColumn region lays out region items in two columns, first across then down. The labels are aligned to the end and the input fields are aligned to the start. This is similar but not identical to UIX's labeledFieldLayout. Since OADefaultDoubleColumnBean extends OAHeaderBean, the defaultDoubleColumn element extends the header element.

defaultDoubleColumn extends header and inherits all the attributes and named children. See the section on [header](#) for a list of attributes and child elements available on the header element.

Corresponding web bean: OADefaultDoubleColumnBean

Note: defaultDoubleColumn is deprecated as a style. You should use messageComponentLayout instead.

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
AM Definition	The fully-qualified class name for the application module.	string	null	null	no	amDefName
AM Instance	The instance name of an application module.	string	null	null	no	amUsageName
Attribute Set	The attribute set for the component.	jrads:attributeSetRef	null	null	no	use
Child View Attribute	The name of the child view attribute.	string	null	null	no	childViewAttributeName
Child View Instance	Renders an instance of the object for each row in the View Instance.	string	null	null	no	childViewUsageName
Comments	Comments	string	null	null	no	comment
Controller Class	The fully-qualified class name for the controller object.	string	null	admin	no	controllerClass

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Extends	A reference to another component that creates a different instance of that component at runtime.	jrads:componentRef	null	null	no	extends
Help Target	The target name for the page online help.	string	null	null	no	helpTarget
Help Target Appl Short Name	This application will be used to construct URI of the "help" icon in the global menu of the page. This makes the help pages from the other applications referenceable.	string	null	null	no	helpTargetAppShortName
Hide Header	Indicates if the region header is rendered.	boolean	false	null	no	headerDisabled
Icon URI	the URI for the icon file.	anyURI	null	admin	no	icon
Personalization Label	The region label used for Personalization.	string	null	null	no	regionName
Post Initial Values	Indicates if rows which are made dirty only by the defaulting of Initial Values are to be posted.	boolean	false	null	no	postDefault
Record History Enabled	Indicates if Record History feature is enabled.	boolean	false	admin	no	recordHistoryEnabled
Rendered	Indicates if the component is rendered.	boolean	null	user	no	rendered
Security Mode	Defines the security mode used to secure the region. If	string	standard	null	no	securityMode

Region Styles

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
	set to selfSecured it is the developer's responsibility to handle security validation. The legal values are standard , and selfSecured .					
Standalone	Indicates if this region can be rendered on its own.	boolean	false	null	no	standalone
Text	The text label for the component.	string	null	admin	yes	text
View Link Instance	The name of the View Link Instance establishing master-detail relationship between outer and inner repeating containers.	string	null	null	no	viewLinkName

defaultFormStack

Description

The defaultFormStack region extends header and inherits all the attributes and named children. See the section on [header](#) for a list of attributes and child elements available on the header element.

Since OADefaultFormStackBean extends OAHeaderBean, defaultFormStack element extends the header element.

Corresponding web bean: OADefaultFormStackBean

Note: defaultFormStack is deprecated as a style. You should use messageComponentLayout instead.

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
AM Definition	The fully-qualified class name for the application module.	string	null	null	no	amDefName
AM Instance	The instance name of an application module.	string	null	null	no	amUsageName
Attribute Set	The attribute set for the component.	jr:attributeSetRef	null	null	no	use
Child View Attribute	The name of the child view attribute.	string	null	null	no	childViewAttrName
Child View Instance	Renders an instance of the object for each row in the View Instance.	string	null	null	no	childViewUsageName
Comments	Comments	string	null	null	no	comment
Controller Class	The fully-qualified class name for the	string	null	admin	no	controllerClass

Region Styles

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
	controller object.					
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Extends	A reference to another component that creates a different instance of that component at runtime.	jrads:componentRef	null	null	no	extends
Help Target	The target name for the page online help.	string	null	null	no	helpTarget
Help Target Appl Short Name	This application will be used to construct URI of the "help" icon in the global menu of the page. This makes the help pages from the other applications referenceable.	string	null	null	no	helpTargetAppShortName
Icon URI	the URI for the icon file.	anyURI	null	admin	no	icon
Personalization Label	The region label used for Personalization.	string	null	null	no	regionName
Post Initial Values	Indicates if rows which are made dirty only by the defaulting of Initial Values are to be posted.	boolean	false	null	no	postDefault
Record History Enabled	Indicates if Record History feature is enabled.	boolean	false	admin	no	recordHistoryEnabled
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Security Mode	Defines the security mode used to secure the region. If set to selfSecured it is the	string	standard	null	no	securityMode

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
	developer's responsibility to handle security validation. The legal values are standard , and self Secure .					
Standalone	Indicates if this region can be rendered on its own.	boolean	false	null	no	standalone
Text	The text label for the component.	string	null	admin	yes	text
View Link Instance	The name of the View Link Instance establishing master-detail relationship between outer and inner repeating containers.	string	null	null	no	viewLinkName

defaultSingleColumn

Description

The defaultSingleColumn region lays out region items in one column. The labels are aligned to the end and the input fields are aligned to the start. This is similar, but not identical, to UIX's labeledFieldLayout.

defaultSingleColumn extends header and inherits all the attributes and named children. See the section on [header](#) for a list of attributes and child elements available on the header element.

Corresponding web bean: OADefaultSingleColumnBean

Note: defaultSingleColumn is deprecated as a style. You should use messageComponentLayout instead.

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
AM Definition	The fully-qualified class name for the application module.	string	null	null	no	amDefName
AM Instance	The instance name of an application module.	string	null	null	no	amUsageName
Attribute Set	The attribute set for the component.	jrads:attributeSetRef	null	null	no	use
Child View Attribute	The name of the child view attribute.	string	null	null	no	childViewAttributeName
Child View Instance	Renders an instance of the object for each row in the View Instance.	string	null	null	no	childViewUsageName
Comments	Comments	string	null	null	no	comment
Controller Class	The fully-qualified class name for the controller object.	string	null	admin	no	controllerClass
CSS Class	Overrides the	string	null	admin	no	styleClass

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
	default CSS class.					
Extends	A reference to another component that creates a different instance of that component at runtime.	jrads:componentRef	null	null	no	extends
Help Target	The target name for the page online help.	string	null	null	no	helpTarget
Help Target Appl Short Name	This application will be used to construct URI of the "help" icon in the global menu of the page. This makes the help pages from the other applications referenceable.	string	null	null	no	helpTargetAppShortName
Hide Header	Indicates if the region header is rendered.	boolean	false	null	no	headerDisabled
Icon URI	The URI for the icon file.	string	null	admin	no	icon
Personalization Label	The region label used for Personalization.	string	null	null	no	regionName
Post Initial Values	Indicates if rows which are made dirty only by the defaulting of Initial Values are to be posted.	boolean	false	null	no	postDefault
Record History Enabled	Indicates if Record History feature is enabled.	boolean	false	admin	no	recordHistoryEnabled
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Security Mode	Defines the security mode used to secure the region. If set to selfSecured it	string	standard	null	no	securityMode

Region Styles

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
	is the developer's responsibility to handle security validation. The legal values are standard , and selfSecured .					
Standalone	Indicates if this region can be rendered on its own.	boolean	false	null	no	standalone
Text	The text label for the component.	string	null	admin	yes	text
View Link Instance	The name of the View Link Instance establishing master-detail relationship between outer and inner repeating containers.	string	null	null	no	viewLinkName

defaultStack

Description

The defaultStack region extends header and inherits all the attributes and named children. See the section on [header](#) for a list of attributes and child elements available on the header element.

Corresponding web bean: OADefaultStackLayoutBean

Note: defaultStack is deprecated as a style. You should use messageComponentLayout instead.

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
AM Definition	The fully-qualified class name for the application module.	string	null	null	no	amDefName
AM Instance	The instance name of an application module.	string	null	null	no	amUsageName
Attribute Set	The attribute set for the component.	jrads:attributeSetRef	null	null	no	use
Child View Attribute	The name of the child view attribute.	string	null	null	no	childViewAttributeName
Child View Instance	Renders an instance of the object for each row in the View Instance.	string	null	null	no	childViewUsageName
Comments	Comments	string	null	null	no	comment
Controller Class	The fully-qualified class name for the controller object.	string	null	admin	no	controllerClass
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Documentation Comment	Formatted text for use with Javadoc.	string	from template file	null	no	not applicable

Region Styles

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Extends	A reference to another component that creates a different instance of that component at runtime.	jrads:componentRef	null	null	no	extends
Help Target	The target name for the page online help.	string	null	null	no	helpTarget
Help Target Appl Short Name	This application will be used to construct URI of the "help" icon in the global menu of the page. This makes the help pages from the other applications referenceable.	string	null	null	no	helpTargetAppShortName
Icon URI	The URI for the icon file.	string	null	admin	no	icon
Personalization Label	The region label used for Personalization.	string	null	null	no	regionName
Post Initial Values	Indicates if rows which are made dirty only by the defaulting of Initial Values are to be posted.	boolean	false	null	no	postDefault
Record History Enabled	Indicates if Record History feature is enabled.	boolean	false	admin	no	recordHistoryEnabled
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Security Mode	Defines the security mode used to secure the region. If set to selfSecured it is the developer's responsibility to handle security validation. The legal values are	string	standard	null	no	securityMode

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
	standard , and selfSecured .					
Standalone	Indicates if this region can be rendered on its own.	boolean	false	null	no	standalone
Text	The text label for the component.	string	null	admin	yes	text
View Link Instance	The name of the View Link Instance establishing master-detail relationship between outer and inner repeating containers.	string	null	null	no	viewLinkName

flexibleContent

Description

The flexibleContent region is used to identify content that can be placed in a flexibleLayout region. The content can also be specified by referring to it. It represents available content which may or may not be made use of; and thus acts as a resource to the page designer.

Corresponding web bean: OAFlexibleContentBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Admin Operations	Indicates the personalization operations an administrator can perform on the component if Admin Personalization is set to True. The legal values are: null and remove. If set to remove, an Administrator can remove flexibleContent so that it does not render on the page, when personalizing the page. If set to null, no flexibleContent can be removed.	string	remove	null	no	adminOperations
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	null	no	adminCustomizable
AM Definition	The fully-qualified class name for the	string	null	null	no	amDefName

	application module.					
AM Instance	The instance name of an application module.	string	null	null	no	amUsageName
Attribute Set	The attribute set for the component.	jrad:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
Description	A short description of the items contained in the element. This attribute is translatable and will be listed/used in Resource Catalog. A search based on description may be performed by the user.	string	null	admin	true	description
Disclosed	The initial disclosure state. When not-disclosed, only an outline of the component is shown along with an icon to restore to the disclosed state.	boolean	true	null	no	disclosed
Document Name	The name of the component	jrad:refName	null	null	no	docName
Documentation Comment	Formatted text for use with Javadoc.	string	from template file	null	no	not applicable
Extends	A reference to another component that creates a different instance of that component at	jrad:componentRef	null	null	no	extends

Region Styles

	runtime.					
Flexible Layout Reference	A reference to the oa:flexibleLayout that the flexibleContent will be rendered in. No value indicates that the flexibleContent will not be rendered anywhere in the page even if rendered="true" is set. The difference between rendered="false" and flexibleLayoutRef="" is that flexibleContent(s) with flexibleLayoutRef="" will only be listed in the catalog as content that can be added.	string	null	null	no	flexibleLayoutRef
ID	Inherited from <uix:base>. The page-wide unique client ID of this node.	Name	null	null	no	id
Rendered	Whether the flexibleContent is rendered.	boolean	true	admin	no	rendered
Show Border	Whether the border around the layout is shown.	boolean	false	null	no	showBorder
Show Header	Whether the header of this layout is shown.	boolean	true	null	no	showHeader
Title	The title to display above the flexible	string	null	null	no	title

	content.					
User Operations	Indicates the personalization operations a user can perform on the component, if User Personalization is set to True. The legal values are: (Default) and disclose. If set to (Default), the collapse/disclose operation cannot be performed by the user on this flexibleContent. If set to disclose, the user can either disclose or collapse the flexibleContent region in the rendered page.	string	null	user	no	userOperations
User Personalization	Indicates if a user can personalize this component.	boolean	true	user	no	userCustomizable
View Source Region ID	Specifies ID of the region (within the flexibleContent) on which personalization views have been defined.	string	null	null	no	viewSourceRegionId
View Target Region ID	Specifies ID of the region on which the personalization view should be applied.	string	null	null	no	viewTargetRegionId

flexibleLayout

Description

The flexibleLayout region is used to define a customizable layout, separate from content, where content will be placed. flexibleLayout regions can be nested to form a customizable layout and can be positioned anywhere in the page. A page can have a number of 'top-level' flexibleLayouts; they do not have to be nested.

Corresponding web bean: OAFlexibleLayoutBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Admin Operations	Indicates the personalization operations an administrator can perform on the component if Admin Personalization is set to True. The legal values are: null and add. If set to add, an Administrator can add predefined flexibleContent to the flexibleLayout region when personalizing the page. If set to null, no flexible content can be added to this flexible layout during personalization.	string	add	null	no	adminOperations
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	null	no	adminCustomizable

AM Definition	The fully-qualified class name for the application module.	string	null	null	no	amDefName
AM Instance	The instance name of an application module.	string	null	null	no	amUsageName
Attribute Set	The attribute set for the component.	jrad:attributeSetRef	null	null	no	use
Columns	The number of columns the flexibleLayout will have. Use layoutStyle=horizontal to horizontally layout the contents.	string	1	null	no	columns
Comments	Comments	string	null	null	no	comment
Disclosed	The initial disclosure state. When not-disclosed, only an outline of the component is shown along with an icon to restore to the disclosed state.	boolean	true	null	no	disclosed
Document Name	The name of the component	jrad:refName	null	null	no	docName
Documentation Comment	Formatted text for use with Javadoc.	string	from template file	null	no	not applicable
Extends	A reference to another component that creates a different instance of that component at runtime.	jrad:componentRef	null	null	no	extends
Height	The pixels or percentage 'hint' to the browser for the	string	null	null	no	height

Region Styles

	flexibleLayout.					
ID	Inherited from <uix:base>. The page-wide unique client ID of this node.	Name	null	null	no	id
Layout Style	The Content layout style. The legal values are vertical, and horizontal. If vertical, contents will be laid out vertically. If "horizontal" contents will be laid out horizontally.	string	vertical	null	no	layoutStyle
Rendered	Whether the flexibleLayout is rendered.	boolean	true	admin	no	rendered
Rows	The number of rows the flexibleLayout will have. Use layoutStyle=vertical to vertically lay out the contents.	string	1	null	no	rows
Show Border	Whether the border around the layout is shown.	boolean	false	null	no	showBorder
Show Header	Whether the header of this layout is shown.	boolean	false	null	no	showHeader
Title	The title to display above the flexible layout.	string	null	null	no	title
User Operations	Indicates the personalization operations a user can perform on the component, if User Personalization is set to True. The legal values	string	null	user	no	userOperations

	are: (Default) and disclose. If set to (Default), the collapse/disclose operation cannot be performed by the user on this flexible layout. If set to disclose, the user can either disclose or collapse the flexibleLayout region in the rendered page.					
User Personalization	Indicates if a user can personalize this component.	boolean	true	user	no	userCustomizable
Width	Provides a width hint to the browser.	string	null	admin	no	width

flowLayout

Description

The flowLayout region lays out its indexed children horizontally, wrapping as needed. Each pair of adjacent children will be separated by an optional separator child.

When a flowLayout region is created under a footer named child of a messageComponent region, the flowLayout region can only include button and spacer items.

Corresponding web bean: OAFlowLayoutBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Add Indexed Children	Indicates if indexed children will be automatically added to this UI node tree.	boolean	true	null	no	addChildren
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
AM Definition	The fully-qualified class name for the application module.	string	null	null	no	amDefName
AM Instance	The instance name of an application module.	string	null	null	no	amUsageName
Attribute Set	The attribute set for the component.	jrad:attributeSetRef	null	null	no	use
Child View Attribute	The name of the child view attribute. Valid only when used in table region.	string	null	null	no	childViewAttrName
Child View Instance	Renders an instance of the object for each row in the View Instance. Valid only when used in table region.	string	null	null	no	childViewUsageName
Comment	Comments	string	null	null	no	comment

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
s						
Controller Class	The fully-qualified class name for the controller object.	string	null	admin	no	controllerClass
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Document Name	The name of the component	jrads:refName	null	null	no	docName
Documentation Comment	Formatted text for use with Javadoc.	string	from template file	null	no	not applicable
Extends	A reference to another component that creates a different instance of that component at runtime.	jrads:componentRef	null	null	no	extends
File Version	The version of the file.	string	null	null	no	file-version
Help Target	The target name for the page online help.	string	null	null	no	helpTarget
Help Target Appl Short Name	This application will be used to construct URI of the "help" icon in the global menu of the page. This makes the help pages from the other applications referenceable.	string	null	null	no	helpTargetAppShortName
ID	The unique name of this component.	Name	null	null	no	id
Initial Sort Sequence	Indicates the initial sort sequence for each search. The legal values are none , first , second , and third .	string	none	null	no	initSortSeq
No Wrap	Indicates if cell contents should be wrapped. Valid only when used in table region.	boolean	false	null	no	cellNoWrapFormat
OA Extension Version	The Oracle Applications Extension version with which the file was created	jrads:version	null	null	no	version

Region Styles

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
	or updated.					
Personalization Label	The region label used for Personalization.	string	null	null	no	regionName
Post Initial Values	Indicates if rows which are made dirty only by the defaulting of Initial Values are to be posted.	boolean	false	null	no	postDefault
Prompt	The text label for the component.	string	null	admin	true	prompt
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Scope	The Base Packages which are allowed to reuse this component.	jrads:scope	.	null	no	scope
Security Mode	Defines the security mode used to secure the region. If set to selfSecured it is the developer's responsibility to handle security validation. The legal values are standard , and selfSecured .	string	standard	null	no	securityMode
Sort Allowed	Indicates if the user can sort this column. Valid only when used in table region. The legal values are yes , no , ascending , and descending .	string	no	admin	no	sortState
Sort By View Attribute	The alternate view attribute name for use when sorting. Valid only when used in table region.	string	null	user	no	sortByViewAttr
Standalone	Indicates if this region can be rendered on its own.	boolean	false	null	no	standalone
User Personalization	Indicates if a user can personalize this component. Valid only when used in table region.	boolean	false	admin	no	userCustomizable

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

footer

Description

The footer region is designed to contain the copyright, privacy information, and any other content that should be at the bottom of the page.

footer extends <uix:footer> and inherits all the attributes and the named children defined for it. This element is embedded directly in a pageLayout element.

Corresponding web bean: OAFooterBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
AM Definition	The fully-qualified class name for the application module.	string	null	null	no	amDefName
AM Instance	The instance name of an application module.	string	null	null	no	amUsageName
Attribute Set	The attribute set for the component.	jrad:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
Controller Class	The fully-qualified class name for the controller object.	string	null	admin	no	controllerClass
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Document Name	The name of the component	jrad:refName	null	null	no	docName
Documentation Comment	Formatted text for use with Javadoc.	string	from template file	null	no	not applicable
Extends	A reference to another component that creates a different instance of that component at	jrad:componentRef	null	null	no	extends

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
	runtime.					
File Version	The version of the file.	string	null	null	no	file-version
ID	The unique name of this component.	Name	null	null	no	id
OA Extension Version	The Oracle Applications Extension version with which the file was created or updated.	jrad:version	null	null	no	version
Personalization Label	The region label used for Personalization.	string	null	null	no	regionName
Post Initial Values	Indicates if rows which are made dirty only by the defaulting of Initial Values are to be posted.	boolean	false	null	no	postDefault
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Scope	The Base Packages which are allowed to reuse this component.	jrad:scope	.	null	no	scope
Security Mode	Defines the security mode used to secure the region. If set to selfSecured it is the developer's responsibility to handle security validation. The legal values are standard , and selfSecured .	string	standard	null	no	securityMode
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

Element Children

Region Styles

Name	Quantity	Description
copyright	0 through 1	Node to use as a copyright statement.
privacy	0 through 1	Node to use as a privacy statement.

Gantt

Description

The Gantt region can be used to create a Gantt chart that retrieves data from BC4J objects. Gantt charts are used for visualizing project planning and scheduling information; The Gantt style is used for rendering Gantt charts within a web application.

oa:gantt extends oa:hGrid and inherits all the properties from it; note that the Width property in HGrid cannot be set in Gantt. Please refer to the [HGrid](#) section for more information on all HGrid properties.

Corresponding web bean: OAGanttBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Actual End Date View Attribute	The view attribute for the actual end date of the task for the Variance bar Type.	string	null	null	no	actualFinishViewAttr
Actual Start Date View Attribute	The view attribute for the actual start date of the task for the Variance bar Type.	string	null	null	no	actualStartViewAttr
Additional Text	Additional help text.	string	null	admin	yes	shortDesc
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
AM Definition	The fully-qualified class name for the application module.	string	null	null	no	amDefName
AM Instance	The instance name of an application module.	string	null	null	no	amUsageName
Attribute Set	The attribute set for the component.	jrad:attributeSetRef	null	null	no	use

Region Styles

Auto Scale	Indicates if the Gantt chart will scale the axis units depending on the time-period specified.	boolean	true	user	no	autoScale
Axis End Date View Attribute	The view attribute for the end date of the Gantt chart horizontal axis.	string	null	null	no	endTimeViewAttr
Axis Major Scale	The major unit of time for the Gantt chart horizontal axis. The legal values are years, halfyears, quarters, months, weeks, and days.	string	months	user	no	majorScale
Axis Minor Scale	The minor unit of time for the Gantt chart horizontal axis. The legal values are years, halfyears, quarters, months, weeks, and days.	string	weeks	user	no	minorScale
Axis Start Date View Attribute	The view attribute for the start date of the Gantt chart horizontal axis.	string	null	null	no	startTimeViewAttr
Bar Type View Attribute	The view attribute indicating the bar type.	string	null	null	no	barTypeViewAttr
Baseline End Date View Attribute	The view attribute for the baseline end date of the task for the Variance Bar Type.	string	null	null	no	baseFinishViewAttr
Baseline Start Date View Attribute	The view attribute for the baseline start date of the task for the Variance bar Type.	string	null	null	no	baseStartViewAttr
Comments	Comments	string	null	null	no	comment
Completed Through View Attribute	The view attribute for the current 'completed through' date of the task.	string	null	null	no	completedThroughViewAttr
Controller Class	The fully-qualified class name for the controller object.	string	null	admin	no	controllerClass
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Disable	Indicates if validation should	boolean	false	null	no	unvalidated

Client Side Validation	not occur on the web tier during a form submit.					
Extends	A reference to another component that creates a different instance of that component at runtime.	jrad:componentRef	null	null	no	extends
Help Target	The target name for the page online help.	string	null	null	no	helpTarget
Help Target Appl Short Name	This application will be used to construct URI of the "help" icon in the global menu of the page. This makes the help pages from the other applications referenceable.	string	null	null	no	helpTargetAppShortName
Left Text View Attribute	The view attribute for the text label to the left of the task.	string	null	null	no	leftTextViewAttr
Percent Complete View Attribute	The view attribute for the completion percentage of the task.	string	null	null	no	percentCompleteViewAttr
Personalization Label	The region label used for Personalization.	string	null	null	no	regionName
Post Initial Values	Indicates if rows which are made dirty only by the defaulting of Initial Values are to be posted.	boolean	false	null	no	postDefault
Predecessor Accessor	Accessor Name for the predecessor's rowset for the current task.	string	null	null	no	predecessorAccessor
Predecessor View Attribute	View Attribute Name for the predecessor task ID.	string	null	null	no	predecessorViewAttr
Record Set Size	The maximum number of records that can be displayed under each node.	string	null	null	no	childBlockSize
Render Description Columns	Indicates if the description columns should always be rendered.	boolean	true	user	no	descChildrenVis
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Right	The view attribute for the text	string	null	null	no	rightTextViewAttr

Region Styles

Text View Attribute	label to the right of the task.					r
Search Controller Class	The fully-qualified class name for the controller object associated with the search results table.	string	null	admin	no	searchControllerClass
Search View Usage	The view usage to be used for running queries on the hGrid.	string	null	null	no	searchViewName
Security Mode	Defines the security mode used to secure the region. If set to selfSecured it is the developer's responsibility to handle security validation. The legal values are standard , and selfSecured .	string	standard	null	no	securityMode
Show Bubble Text	Indicates if Bubble Text will be shown for the task.	boolean	true	user	no	showTooltip
Show Current Date	Indicates if a line is drawn to indicate the current date.	boolean	true	user	no	showCurrentDate
Show Dependency Lines	Indicates if dependency lines are visible.	boolean	false	user	no	showDependencyLines
Standalone	Indicates if this region can be rendered on its own.	boolean	false	null	no	standalone
Task End Date View Attribute	The view attribute for the end date of the task.	string	null	null	no	barFinishViewAttr
Task ID View Attribute	View Attribute Name for the unique task ID.	string	null	null	no	taskIdViewAttr
Task Start Date View Attribute	The view attribute for the start date of the task.	string	null	null	no	barStartViewAttr
User Personalization	Indicates if a user can personalize this component.	boolean	false	admin	no	userCustomizable
View Instance Name	The name of the view object instance.	string	null	null	no	viewName

Element Children

Name	Quantity	Description
descriptionColumns	0 through 1	Description columns.
tableActions	0 through 1	Component used for performing table actions that are independent of row selection.
tableSelection	0 through 1	SingleSelectionBean or MultipleSelectionBean to render with the table.
viewInHierarchy	0 through 1	Column stamp for the 'View In Hierarchy' column in the search results table.

graphTable

Description

The graphTable region is used to layout graphs that are essentially BI Beans and a UIX table by extending tableLayout. So, graphTable inherits all the attributes and children from tableLayout. See the section on [tableLayout](#) for a list of attributes and child elements available on the tableLayout element.

graphTable contains two grouping elements called graphs and tabularFormat. The graphs grouping contains one or more graph elements. The tabularFormat grouping contains a table.

Corresponding web bean: OAGraphTableBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Add Indexed Children	Indicates if indexed children will be automatically added to this UI node tree.	boolean	true	null	no	addChildren
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
AM Definition	The fully-qualified class name for the application module.	string	null	null	no	amDefName
AM Instance	The instance name of an application module.	string	null	null	no	amUsageName
Attribute Set	The attribute set for the component.	jrads:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
Controller Class	The fully-qualified class name for the controller object.	string	null	admin	no	controllerClass
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass

Extends	A reference to another component that creates a different instance of that component at runtime.	jrad:componentRef	null	null	no	extends
Graph Render Style	Indicates which components of the graph are rendered. The legal values are both, and graph.	string	graph	null	no	renderStyle
Graphs per Row	Number of graphs to be displayed on each row.	unsignedInt	null	null	no	graphsPerRow
Help Target	The target name for the page online help.	string	null	null	no	helpTarget
Help Target Appl Short Name	This application will be used to construct URI of the "help" icon in the global menu of the page. This makes the help pages from the other applications referenceable.	string	null	null	no	helpTargetAppShortName
Personalization Label	The region label used for Personalization.	string	null	null	no	regionName
Post Initial Values	Indicates if rows which are made dirty only by the defaulting of Initial Values are to be posted.	boolean	false	null	no	postDefault
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Security Mode	Defines the security mode used to secure the region. If set to selfSecured it is the developer's responsibility to handle security validation. The legal values are	string	standard	null	no	securityMode

Region Styles

	standard, and selfSecured.					
Standalone	Indicates if this region can be rendered on its own.	boolean	false	null	no	standalone
View Link Instance	The name of the View Link Instance establishing master-detail relationship between outer and inner repeating containers.	string	null	null	no	viewLinkName

Element Children

Name	Quantity	Description
graphs	1	Graphs based on the table.
tabularFormat	0 through 1	Table for graphs are to be rendered.

graph

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Aggregate Function	The aggregate function to apply to the data. The legal values are sum, avg, max, min, and none.	string	none	admin	no	aggregateFunction
Allow Combination Graph	Indicates if a combination graph is allowed.	boolean	false	user	no	combo
AM Definition	The fully-qualified class name for the application module.	string	null	null	no	amDefName
AM Instance	The instance name of an application module.	string	null	null	no	amUsageName
Attribute Set	The attribute set for the component.	jr:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
CSS	Overrides the default CSS	string	null	admin	no	styleClass

Class	class.					
Data Axis Label	The Data Axis label for the graph.	string	null	admin	true	yAxisLabel
Data Axis scale from zero	Determines whether the lower limit for Data Axis is zero or the lowest data value.	boolean	true	admin	no	yAxisScaleFromZero
Destination URI	The Destination URI.	string	null	null	no	drillDownUrl
Display Data Bubble Text	Indicates if Bubble Text is displayed for the Data Points.	boolean	true	null	no	displayBubbleText
Display Data Markers	Indicates if the data markers should be plotted.	boolean	false	admin	no	displayDataMarkers
Display Secondary Y-Axis	Indicates if this graph has a secondary Y-axis.	boolean	false	user	no	dualYAxis
Document Name	The name of the component	jrad:refName	null	null	no	docName
Extends	A reference to another component that creates a different instance of that component at runtime.	jrad:componentRef	null	null	no	extends
Graph Type	The type of the graph. The legal values are absolute area, absolute line, horizontal clustered bar, horizontal percent bar, horizontal stacked bar, percent area, percent line, pie, point, scatter, stacked area, stacked line, vertical clustered bar, vertical high-low-close stock, vertical percent bar, and vertical stacked bar.	string	vertical clustered bar	admin	no	graphType
Height	Graph's height in pixels, applicable only if size="custom".	string	null	null	no	height
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Scope	The Base Packages which	jrad:scope	.	null	no	scope

Region Styles

	are allowed to reuse this component.					
Secondary Data Axis Label	The label for the secondary data axis.	string	null	user	true	secYAxisLabel
Size	The size of the graph. The legal values are very-small, small, medium, large, and custom.	string	small	user	no	size
Title	The title of the graph.	string	null	admin	true	title
Width	Graph's width in pixels, applicable only if size="custom".	string	null	null	no	width
X-Axis Label	The X-Axis label for the graph.	string	null	admin	true	xAxisLabel
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

Element Children

Name	Quantity	Description
dataMap	1	Lists a bunch of graphData elements.

graphData

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Attribute Set	The attribute set for the component.	jrads:attributeSetRef	null	null	no	use
Combination Graph Type	The type of graph for a combination graph. The legal values are bar, line, area, and none.	string	none	null	no	comboGraphType
Comments	Comments.	string	null	null	no	comment
Prompt	Prompt to be used in legend label. Used only when style='data'.	string	null	admin	true	prompt
Purpose in Graph	Specifies the purpose of the graph data element. The legal values are	string	data	null	no	graphAs

	data, groupLabels, and seriesLabels.					
Secondary Axis	Indicates if this graphData is plotted on the secondary axis.	boolean	false	user	no	assignedToY2
Stock Value Type	The Stock Type Value to use for the graph. The legal values are high, low, close, and none.	string	none	null	no	stockValue
View Attribute	The name of the view attribute.	string	null	null	no	viewAttr
View Instance	The name of the view object instance.	string	null	null	no	viewName

header

Description

The header region places a label and optional icon at the top of a section. This control can be used to provide important messaging information. The types of messages are: Error, Information, Warning, and Confirmation.

header extends <uix:header> and inherits all the attributes and named children defined for it. This element does not support the "styleClass" attribute.

Corresponding web bean: OAHeaderBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Add Indexed Children	Indicates if indexed children will be automatically added to this UI node tree.	boolean	true	null	no	addChildren
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
AM Definition	The fully-qualified class name for the application module.	string	null	null	no	amDefName
AM Instance	The instance name of an application module.	string	null	null	no	amUsageName
Attribute Set	The attribute set for the component.	jrad:attributeSetRef	null	null	no	use
Child View Attribute	The name of the child view attribute.	string	null	null	no	childViewAttributeName
Child View Instance	Renders an instance of the object for each row in the View Instance.	string	null	null	no	childViewUsageName
Comments	Comments	string	null	null	no	comment
Controller	The fully-qualified	string	null	admin	no	controllerClass

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Class	class name for the controller object.					
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Document Name	The name of the component	jrads:refName	null	null	no	docName
Documentation Comment	Formatted text for use with Javadoc.	string	from template file	null	no	not applicable
Extends	A reference to another component that creates a different instance of that component at runtime.	jrads:componentRef	null	null	no	extends
File Version	The version of the file.	string	null	null	no	file-version
Help Target	The target name for the page online help.	string	null	null	no	helpTarget
Help Target Appl Short Name	This application will be used to construct URI of the "help" icon in the global menu of the page. This makes the help pages from the other applications referenceable.	string	null	null	no	helpTargetAppShortName
Icon URI	The URI for the icon file.	string	null	admin	no	icon
ID	The unique name of this component.	Name	null	null	no	id
OA Extension Version	The Oracle Applications Extension version with which the file was created or updated.	jrads:version	null	null	no	version
Personalization Label	The region label used for Personalization.	string	null	null	no	regionName

Region Styles

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Post Initial Values	Indicates if rows which are made dirty only by the defaulting of Initial Values are to be posted.	boolean	false	null	no	postDefault
Record History Enabled	Indicates if Record History feature is enabled.	boolean	false	admin	no	recordHistoryEnabled
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Scope	The Base Packages which are allowed to reuse this component.	jrads:scope	.	null	no	scope
Security Mode	Defines the security mode used to secure the region. If set to selfSecured it is the developer's responsibility to handle security validation. The legal values are standard , and selfSecured .	string	standard	null	no	securityMode
Standalone	Indicates if this region can be rendered on its own.	boolean	false	null	no	standalone
Text	The text label for the component.	string	null	admin	yes	text
View Link Instance	The name of the View Link Instance establishing master-detail relationship between outer and inner repeating containers.	string	null	null	no	viewLinkName
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

HGrid

Description

The HGrid region can be used to display tree structured data, in a format similar to a table element. Unlike the TreeBean, the HGridBean is suitable for use with massive trees, since it supports focusing in and out of subtrees.

The HGrid region is used to display objects in a hierarchical format, much like the Tree region. HGrid renders like a Table; each row corresponds to a tree node. It has two special columns: the focus column and the object hierarchy column. The object hierarchy column identifies the current tree node and allows the user to expand (view the children of) or collapse (hide the children of) this node. The focus column is used to select a new root for the tree. This allows users to zoom into subtrees of a massive tree. The HGrid element renders bread crumbs to allow the user to focus out (or zoom out) of the current subtree. HGrid also renders links to allow the user to quickly expand or collapse all the nodes under the current focus root.

Corresponding web bean: OAHGridBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Additional Text	Additional help text.	string	null	admin	yes	shortDesc
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
AM Definition	The fully-qualified class name for the application module.	string	null	null	no	amDefName
AM Instance	The instance name of an application module.	string	null	null	no	amUsageName
Attribute Set	The attribute set for the component.	jrads:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
Controller Class	The fully-qualified class name for the controller object.	string	null	admin	no	controllerClass
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Disable	Indicates if	boolean	false	null	no	unvalidated

Client Side Validation	validation should not occur on the web tier during a form submit.					
Display Vertical Gridlines	Control display of vertical gridlines.	boolean	true	admin	no	verticalGridlinesDisplayed
Document Name	The name of the component	jrads:refName	null	null	no	docName
Documentation Comment	Formatted text for use with Javadoc.	string	from template file	null	no	not applicable
Enable Column Hide Show	Enable columns to be hidden/shown by end users.	boolean	true	admin	no	columnHideShowEnabled
Enable Column Reorder	Enable columns to be reordered by end users.	boolean	true	admin	no	colReorderEnabled
Enable Column Resize	Enable columns to be resized by end users.	boolean	true	admin	no	colResizeEnabled
Enable Horizontal Scroll	Enable horizontal scroll bars.	boolean	true	admin	no	horizontalScrollEnabled
Extends	A reference to another component that creates a different instance of that component at runtime.	jrads:componentRef	null	null	no	extends
File Version	The version of the file.	string	null	null	no	file-version
Help Target	The target name for the page online help.	string	null	null	no	helpTarget
Help Target Appl Short Name	This application will be used to construct URI of the "help" icon in the global menu of the page. This makes the help pages from the other applications referenceable.	string	null	null	no	helpTargetAppShortName
ID	Maps to the Item	Name	null	null	no	id

Region Styles

	Name property of the nested region that points to the HGrid region.					
OA Extension Version	The Oracle Applications Extension version with which the file was created or updated.	jrad:version	null	null	no	version
Personalization Label	The region label used for Personalization.	string	null	null	no	regionName
Post Initial Values	Indicates if rows which are made dirty only by the defaulting of Initial Values are to be posted.	boolean	false	null	no	postDefault
Record Set Size	The maximum number of records that can be displayed under each node.	string	null	null	no	childBlockSize
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Scope	The Base Packages which are allowed to reuse this component.	jrad:scope	.	null	no	scope
Search Controller Class	The fully-qualified class name for the controller object associated with the search results table.	string	null	admin	no	searchControllerClass
Search View Usage	The view usage to be used for running queries on the hGrid.	string	null	null	no	searchViewName
Security Mode	Defines the security mode used to secure the region. If set to selfSecured it is the developer's responsibility to handle security validation. The legal	string	standard	null	no	securityMode

	values are standard , and selfSecured .					
Standalone	Indicates if this region can be rendered on its own.	boolean	false	null	no	standalone
User Personalization	Indicates if a user can personalize this component.	boolean	false	admin	no	userCustomizable
Width	Indicates the width in pixels or as a percentage (if % sign included).	string	null	null	no	width
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

Element Children

Name	Quantity	Description
tableActions	0 through 1	Component used for performing table actions that are independent of row selection.
tableSelection	0 through 1	SingleSelectionBean or MultipleSelectionBean to render with the table.
viewInHierarchy	0 through 1	Column stamp for the 'View In Hierarchy' column in the search results table.

hideShow

Description

The hideShow region provides a means of toggling a group of UINodes between being disclosed or undisclosed. A hideShow element should be used to:

- hide or show an entire section or a part of a section of information within the contents of a page such as:
 - o show more information/hide more information,
 - o show details/hide details,
 - o show "section name"/hide "section name",
 - o show graph/hide graph, etc.
- hide or show functionality such as simple/advance search
- hide or show details of a table row

hideShow extends <uix:hideShow> and inherits all the attributes and children.

Corresponding web bean: OADefaultHideShowBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Add Indexed Children	Indicates if indexed children will be automatically added to this UI node tree.	boolean	true	null	no	addChildren
Additional Text	Additional help text. Note: If a hideShow region is created under advancedTable then the Additional Text property is not displayed.	string	null	admin	yes	shortDesc
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
AM Definition	The fully-qualified class name for the application module.	string	null	null	no	amDefName
AM	The instance name of an	string	null	null	no	amUsageName

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Instance	application module.					
Attribute Set	The attribute set for the component.	jrad:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
Controller Class	The fully-qualified class name for the controller object.	string	null	admin	no	controllerClass
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Disable Client Side Validation	Indicates if validation should not occur on the web tier during a form submit.	boolean	false	null	no	unvalidated
Disable Server Side Validation	Indicates if validation should not occur on the business tier during a form submit.	boolean	false	null	no	serverUnvalidated
Disclosed Text	The text to display when the children are shown.	string	null	admin	no	disclosedText
Disclosed	The initial disclosure state.	boolean	false	user	no	disclosed
Document Name	The name of the component	jrad:refName	null	null	no	docName
Documentation Comment	Formatted text for use with Javadoc.	string	from template file	null	no	not applicable
Extends	A reference to another component that creates a different instance of that component at runtime.	jrad:componentRef	null	null	no	extends
File Version	The version of the file.	string	null	null	no	file-version
Help Target	The target name for the page online help.	string	null	null	no	helpTarget
Help Target Appl Short Name	This application will be used to construct URI of the "help" icon in the global menu of the page. This makes the help pages from the other	string	null	null	no	helpTargetAppShortName

Region Styles

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
	applications referenceable.					
ID	The unique name of this component.	Name	null	null	no	id
Initial Sort Sequence	Indicates the initial sort sequence for each search. The legal values are none , first , second , and third .	string	none	null	no	initSortSeq
OA Extension Version	The Oracle Applications Extension version with which the file was created or updated.	jrads:version	null	null	no	version
Personalization Label	The region label used for Personalization.	string	null	null	no	regionName
Post Initial Values	Indicates if rows which are made dirty only by the defaulting of Initial Values are to be posted.	boolean	false	null	no	postDefault
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Scope	The Base Packages which are allowed to reuse this component.	jrads:scope	.	null	no	scope
Security Mode	Defines the security mode used to secure the region. If set to selfSecured it is the developer's responsibility to handle security validation. The legal values are standard , and selfSecured .	string	standard	null	no	securityMode
Sort Allowed	Indicates if the user can sort this column. The legal values are yes , no , ascending , and descending .	boolean	no	admin	no	sortState
Sort By View Attribute	The alternate view attribute name for use when sorting.	string	null	null	no	sortByViewAttr

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Standalone	Indicates if this region can be rendered on its own.	boolean	false	null	no	standalone
Undisclosed Text	The text to display when the children are hidden.	string	null	admin	no	undisclosedText
User Personalization	Indicates if a user can personalize this component.	boolean	false	admin	no	userCustomizable
View Attribute	The name of the view attribute.	string	null	null	no	viewAttr
View Instance	The name of the view object instance.	string	null	null	no	viewName
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

hideShowHeader

Description

The hideShowHeader region provides a means of toggling the contents under a header between being disclosed (shown) or undisclosed (hidden).

hideShowHeader extends <uix:hideShowHeader> and inherits all the attributes and children.

Corresponding web bean: OAHideShowHeaderBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Add Indexed Children	Indicates if indexed children will be automatically added to this UI node tree.	boolean	true	null	no	addChildren
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
AM Definition	The fully-qualified class name for the application module.	string	null	null	no	amDefName
AM Instance	The instance name of an application module.	string	null	null	no	amUsageName
Attribute Set	The attribute set for the component.	jrads:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
Controller Class	The fully-qualified class name for the controller object.	string	null	admin	no	controllerClass
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Disable Client Side Validation	Indicates if validation should not occur on the web	boolean	false	null	no	unvalidated

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
	tier during a form submit.					
Disable Server Side Validation	Indicates if validation should not occur on the business tier during a form submit.	boolean	false	null	no	serverUnvalidated
Disclosed	The initial disclosed state.	boolean	false	user	no	disclosed
Document Name	The name of the component	jrads:refName	null	null	no	docName
Documentation Comment	Formatted text for use with Javadoc.	string	from template file	null	no	not applicable
Extends	A reference to another component that creates a different instance of that component at runtime.	jrads:componentRef	null	null	no	extends
File Version	The version of the file.	string	null	null	no	file-version
Help Target	The target name for the page online help.	string	null	null	no	helpTarget
Help Target Appl Short Name	This application will be used to construct URI of the "help" icon in the global menu of the page. This makes the help pages from the other applications referenceable.	string	null	null	no	helpTargetAppShortName
Icon URI	The URI for the icon file.	string	null	admin	no	icon
ID	The unique name of this component.	Name	null	null	no	id
OA Extension Version	The Oracle Applications Extension version with which the file	jrads:version	null	null	no	version

Region Styles

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
	was created or updated.					
Personalization Label	The region label used for Personalization.	string	null	null	no	regionName
Post Initial Values	Indicates if rows which are made dirty only by the defaulting of Initial Values are to be posted.	boolean	false	null	no	postDefault
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Scope	The Base Packages which are allowed to reuse this component.	grad:scope	.	null	no	scope
Security Mode	Defines the security mode used to secure the region. If set to selfSecured it is the developer's responsibility to handle security validation. The legal values are standard , and selfSecured .	string	standard	null	no	securityMode
Standalone	Indicates if this region can be rendered on its own.	boolean	false	null	no	standalone
Text	The text label for the component.	string	null	admin	yes	text
View Attribute	The name of the view attribute.	string	null	null	no	viewAttr
View Instance	The name of the view object instance.	string	null	null	no	viewName
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

hideShowSubTabLayout

Description

The hideShowSubTabLayout is a hide/show region that lays out the subtab at the right edge of the page layout. On selecting a subtab the corresponding content region slides out. This hideShowSubTabLayout region may only be added to the page layout as a special child by selecting the page layout region and adding it from the context menu, similar to corporateBranding, pageStatus, and location, etc. The hideShowSubTabLayout may not be added to a page under any other layout region and is also not available in the region drop-down of the Property Inspector.

Corresponding web bean: OAHideShowSubTabLayoutBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Attribute Set	The attribute set for the component.	jrad:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Extends	A reference to another component that creates a different instance of that component at runtime.	jrad:componentRef	null	null	no	extends
ID	The unique name of this component.	Name	null	null	no	id
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered

infotile

Description

The infotile region contains a tile-based header and a detailed region for content. The implementation of multiple infotile components appear as an enumeration of tiles, where each tile provides a brief description of its detailed region. The tiles may display horizontally above or vertically to the right of the detailed region. When a user selects a given tile, the detailed content pertaining to that tile displays in the infotile content region.

Adding an infotile instantiates an `OAMinfotileBean`. A tile is an object of `OATileBean`, and all tiles are indexed child of `OATileHeaderBean`. `OATileHeaderBean` is added as a named child under infotile when you right click on the infotile region in the Structure pane of JDeveloper and add tiles during design time.

When a user selects a tile, the entire infotile region refreshes using a partial page refresh and displays the content corresponding to the selected tile. The `processRequest()` method for all the tiles and content areas is called during page loading. A subsequent tile selection triggers a PPR event during which the `processFormRequest()` method is called for all the tiles, and for the current content container and its contents. The remaining content containers are not processed during the PPR cycle.

Corresponding web bean: `OAMinfotileBean`

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
AM Definition	The fully-qualified class name for the application module.	string	null	null	no	amDefName
AM Instance	The instance name of an application module.	string	null	null	no	amUsageName
Attribute Set	The attribute set for the component.	jrads:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Controller Class	The fully-qualified class name for the controller object.	string	null	admin	no	controllerClasses
Extends	A reference to another component that creates a different instance of that component at runtime.	jrads:componentRef	null	null	no	extends
ID	The unique name of this component.	Name	null	null	no	id
Orientation	Layout arrangement of tiles within the tile header.	string	horizontal	admin	no	orientation
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered

tileHeader

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
AM Definition	The fully-qualified class name for the application module.	string	null	null	no	amDefName
AM Instance	The instance name of an application module.	string	null	null	no	amUsageName
Attribute	The	jrads:attributeSetRef	null	null	no	use

Region Styles

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Set	attribute set for the component.	ef				
Comments	Comments	string	null	null	no	comment
Controller Class	The fully-qualified class name for the controller object.	string	null	admin	no	controllerClass
Default Tile Id	Id of the default selected tile when the infotile is rendered.	string	null	admin	yes	defaultTileId
Extends	A reference to another component that creates a different instance of that component at runtime.	grad:componentRef	null	null	no	extends
ID	The unique name of this component.	Name	null	null	no	id
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Tile Size	The size display option.	string	Regular	admin	no	tileSize

tile

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
AM Definition	The fully-qualified	string	null	null	no	amDefName

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
	class name for the application module.					
AM Instance	The instance name of an application module.	string	null	null	no	amUsageName
Attribute Set	The attribute set for the component.	jrads:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
contentRegionId	Id of the container associated with tile.	string	null	admin	yes	contentRegionID
Controller Class	The fully-qualified class name for the controller object.	string	null	admin	no	controllerClass
Extends	A reference to another component that creates a different instance of that component at runtime.	jrads:componentRef	null	null	no	extends
ID	The unique name of this component.	Name	null	null	no	id

Region Styles

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Title	The title of the region.	string	null	admin	no	title

labeledFieldLayout

Description

The labeledFieldLayout region lays out its indexed children in a series of columns, one set for the "labels" and the other set for the "fields", with a gap in between. The children are laid out across and down, with the first child in each row in the "label" position and the second in the "field" position. The contents of each row are centered in the available space, with the "labels" right aligned, and the "fields" left aligned. With multiple columns, the children continue to be layed out across and down. For example, with two columns, the third child will be used as the label for the first row and second column.

Although designed for labeled text fields, this layout can be used with any UINodes. It also has special support for all of the inline messaging beans. Each inline messaging bean will automatically occupy both a "label" and "field" position.

Corresponding web bean: OALabeledFieldLayoutBean

Note: The labeledFieldLayout component has been deprecated; use the messageComponentLayout component instead. Please refer to the [messageComponentLayout](#) section for information about messageComponentLayout.

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Add Indexed Children	Indicates if indexed children will be automatically added to this UI node tree.	boolean	true	null	no	addChildren
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
AM Definition	The fully-qualified class name for the application module.	string	null	null	no	amDefName
AM Instance	The instance name of an application module.	string	null	null	no	amUsageName
Attribute Set	The attribute set for the component.	jrads:attributeSetRef	null	null	no	use
Child View	The name of the	string	null	null	no	childViewAttrName

Region Styles

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Attribute	child view attribute.					e
Child View Instance	Renders an instance of the object for each row in the View Instance.	string	null	null	no	childViewUsageName
Columns	The number of columns to display in the layout.	unsignedInt	1	null	no	columns
Comments	Comments	string	null	null	no	comment
Controller Class	The fully-qualified class name for the controller object.	string	null	admin	no	controllerClass
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Document Name	The name of the component	jrads:refName	null	null	no	docName
Documentation Comment	Formatted text for use with Javadoc.	string	from template file	null	no	not applicable
Extends	A reference to another component that creates a different instance of that component at runtime.	jrads:componentRef	null	null	no	extends
File Version	The version of the file.	string	null	null	no	file-version
Help Target	The target name for the page online help.	string	null	null	no	helpTarget
Help Target Appl Short Name	This application will be used to construct URI of the "help" icon in the global menu of the page. This makes the help pages from the other applications referenceable.	string	null	null	no	helpTargetAppShortName
ID	The unique name of this component.	Name	null	null	no	id

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Item Width	Indicates the width of the item in pixels or as a percentage (if % sign included).	string	null	null	no	fieldWidth
OA Extension Version	The Oracle Applications Extension version with which the file was created or updated.	grad:version	null	null	no	version
Personalization Label	The region label used for Personalization.	string	null	null	no	regionName
Post Initial Values	Indicates if rows which are made dirty only by the defaulting of Initial Values are to be posted.	boolean	false	null	no	postDefault
Prompt Width	Indicates the width of the prompt in pixels or as a percentage (if % sign included).	string	null	null	no	labelWidth
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Scope	The Base Packages which are allowed to reuse this component.	grad:scope	.	null	no	scope
Security Mode	Defines the security mode used to secure the region. If set to selfSecured it is the developer's responsibility to handle security validation. The legal values are standard , and selfSecured .	string	standard	null	no	securityMode
Standalone	Indicates if this region can be rendered on its own.	boolean	false	null	no	standalone

Region Styles

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
View Link Instance	The name of the View Link Instance establishing master-detail relationship between outer and inner repeating containers.	string	null	null	no	viewLinkName
Width	Indicates the width in pixels or as a percentage (if % sign included).	string	null	null	no	width
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

listOfValues

Description

A listOfValues region is rendered in a separate modal dialog containing a complex list of possible values that can be selected as a valid value for an entry field on a transaction page or a field within a table. Refer to the [messageLovInput](#) section for information on the properties of messageLovInput.

Corresponding web bean: OAListOfValuesBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Advanced Search Allowed	Indicates if the Advanced Search region is Enabled for the List Of Values.	boolean	false	admin	no	advancedSearchAllowed
AM Definition	The fully-qualified class name for the application module.	string	null	null	no	amDefName
AM Instance	The instance name of an application module.	string	null	null	no	amUsageName
Attribute Set	The attribute set for the component.	jrads:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
Controller Class	The fully-qualified class name for the controller object.	string	null	admin	no	controllerClass
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Document Name	The name of the component	jrads:refName	null	null	no	docName
Documentation Comment	Formatted text for use with Javadoc.	string	from template file	null	no	not applicable
Extends	A reference to	jrads:compone	null	null	no	extends

Region Styles

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
	another component that creates a different instance of that component at runtime.	ntRef				
File Version	The version of the file.	string	null	null	no	file-version
OA Extension Version	The Oracle Applications Extension version with which the file was created or updated.	jrad:version	null	null	no	version
Personalization Label	The region label used for Personalization.	string	null	null	no	regionName
Post Initial Values	Indicates if rows which are made dirty only by the defaulting of Initial Values are to be posted.	boolean	false	null	no	postDefault
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Scope	The Base Packages which are allowed to reuse this component.	jrad:scope	.	null	no	scope
Security Mode	Defines the security mode used to secure the region. If set to selfSecured it is the developer's responsibility to handle security validation. The legal values are standard , and selfSecured .	string	standard	null	no	securityMode
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

Element Children

Name	Quantity	Description
searchInstructions	0 through 1	Short instructional text which will display in the search block of the LOV window.

menu

Description

A menu region is rendered on a supported page item to allow end-users to choose one or more client-side actions to perform on an item. Currently, you can enable a menu region on a link, image or button item. The menu appears as a pop-up when you select the menu-enabled item and supports two modes of operation depending on its implementation:

- **Selection Disabled** - allows you to choose only one option from the menu list and fires the action associated with that chosen option.
- **Selection Enabled** - allows you to choose multiple menu options and sequentially fires the actions associated with those chosen options.

All the options under a menu region are added as menu items and are indexed children of the menu. You can also enable reordering of the menu items on a menu.

Corresponding web bean: OAMenuBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Additional Text	Additional help text.	string	null	admin	yes	shortDesc
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Attribute Set	The attribute set for the component.	jr:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
Controller Class	The fully-qualified class name for the controller object.	string	null	admin	no	controllerClass
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Data Type	The type of data. The legal values are VARCHAR2, DATE, DATETIME,	string	VARCHAR2	null	no	dataType

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
	BIGDECIMAL, NUMBER, BOOLEAN, and CLOB.					
Enable Reorder	Reorder is Enabled or Disabled on menu.	boolean	true	admin	no	reorderEnabled
Enable Selection	Selection is Enabled or Disabled on menu.	boolean	true	admin	no	selectionEnabled
Extends	A reference to another component that creates a different instance of that component at runtime.	jrads:componentRef	null	null	no	extends
ID	The unique name of this component.	Name	null	null	no	id
Personalization Label	The region label used for Personalization.	string	null	null	no	regionName
Post Initial Values	Indicates if rows which are made dirty only by the defaulting of Initial Values are to be posted.	boolean	false	null	no	postDefault
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Security Mode	Defines the security mode used to secure the region. If set to selfSecured it is the developer's responsibility to handle security validation. The legal values are standard , and selfSecured .	string	standard	null	no	securityMode
View Attribute	The name of the view attribute.	string	null	null	no	viewAttr
View Instance	The name of the view object instance.	string	null	null	no	viewName
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

menuItem

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Access Key	The character used for quick keyboard navigation or activation.	string	null	admin	no	accessKey
Additional Text	Additional help text.	string	null	admin	yes	shortDesc
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCusto mizable
Attribute Set	The attribute set for the component.	jrads:attribute SetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Data Type	The type of data. The legal values are VARCHAR2, DATE, DATETIME, BIGDECIMAL, NUMBER, BOOLEAN, and CLOB.	string	VARCHAR2	null	no	dataType
Destination URI	The destination URI.	uriReference	null	null	no	destination
disabled	Indicates if the element is disabled.	boolean	false	null	no	disabled
Disable Server Side Validation	Indicates if validation should not occur on the business tier during a form submit.	boolean	false	null	no	serverUnvalidated
Enable Selection	Enable/disable only selection on this item.	boolean	true	admin	no	selectionEnabled
Extends	A reference to another component that creates a different instance of that component at runtime.	jrads:componentRef	null	null	no	extends

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
ID	The unique name of this component.	Name	null	null	no	id
No Wrap	Indicates if cell contents should be wrapped.	boolean	false	null	no	cellNoWrapFormat
onReorder Down	The action to invoke upon selecting Reorder Down.	string	null	null	no	onReorderDown
onReorder Up	The action to invoke upon selecting Reorder Up.	string	null	null	no	onReorderUp
onSelect	The action to invoke upon selection of menu item.	string	null	null	no	onSelect
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Selected State	Selection state of menu item.	string	disabled	null	no	selectedState
Target Frame	The name of the target frame for the link.	string	null	admin	no	targetFrame
Text	The text label for the component.	string	null	admin	yes	text
User Personalization	Indicates if a user can personalize this component.	boolean	false	admin	no	userCustomizable
View Attribute	The name of the view attribute.	string	null	null	no	viewAttr
View Instance	The name of the view object instance.	string	null	null	no	viewName
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

messageComponentLayout

Description

The messageComponentLayout region lays out components in multiple columns. The prompts of the components line up, and right align; and the associated data entry areas of each of the components also line up, left aligning with one another within a column. The children of this bean are restricted to message components.

Corresponding web bean: OAMessageComponentLayoutBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Add Indexed Children	Indicates if indexed children will be automatically added to this UI node tree.	boolean	true	null	no	addChildren
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
AM Definition	The fully-qualified class name for the application module.	string	null	null	no	amDefName
AM Instance	The instance name of an application module.	string	null	null	no	amUsageName
Attribute Set	The attribute set for the component.	jrads:attributeSetRef	null	null	no	use
Columns	The number of columns to display in the layout.	unsignedInt	null	null	no	columns
Comments	Comments	string	null	null	no	comment
Controller Class	The fully-qualified class name for the controller object.	string	null	admin	no	controllerClasses
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Document Name	The name of the component	jrads:refName	null	null	no	docName
Document	Formatted text for use with	string	from	null	no	not

ation Comment	Javadoc.		templ ate file			applicable
Extends	A reference to another component that creates a different instance of that component at runtime.	jrad:compon entRef	null	null	no	extends
Field Width	Overrides the preferred width of the fields in pixels or as a percentage (if % sign included).	string	null	admin	no	fieldWidth
File Version	The version of the file.	string	null	null	no	file-version
ID	The unique name of this component.	Name	null	null	no	id
Initial Sort Sequence	Indicates the initial sort sequence for each search. The legal values are none , first , second , and third .	string	none	null	no	initSortSeq
OA Extension Version	The Oracle Applications Extension version with which the file was created or updated.	jrad:version	null	null	no	version
Personaliz ation Label	The region label used for Personalization.	string	null	null	no	regionName
Post Initial Values	Indicates if rows which are made dirty only by the defaulting of Initial Values are to be posted.	boolean	false	null	no	postDefault
Prompt Width	Indicates the width of the prompt in pixels or as a percentage (if % sign included).	string	null	null	no	labelWidth
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Scope	The Base Packages which are allowed to reuse this component.	jrad:scope	.	null	no	scope
Search Region	Indicates if this component is used as a search region. Setting this to True overrides settings for the Width, Prompt Width and Field Width.	boolean	false	null	no	searchRegion
Security	Defines the security mode	string	stand	null	no	securityMode

Region Styles

Mode	used to secure the region. If set to selfSecured it is the developer's responsibility to handle security validation. The legal values are standard, and selfSecured.		ard			
Sort Allowed	Indicates if the user can sort this column. The legal values are yes, no, ascending, and descending .	boolean	no	admin	no	sortState
Sort By View Attribute	The alternate view attribute name for use when sorting.	string	null	null	no	sortByViewAttr
Width	Indicates the width in pixels or as a percentage (if % sign included).	string	null	null	no	width
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

messageLayout

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Attribute Set	The attribute set for the component.	jr:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
Prompt	The text label for the component.	string	null	admin	yes	prompt
Rendered	Indicates if	boolean	true	user	no	rendered

	the component is rendered.					
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navigationBar

Description

The navigationBar style implements a locator element. It can be used for both step-by-step navigation and record navigation.

Corresponding web bean: OANavigationBarBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Add Indexed Children	Indicates if indexed children will be automatically added to this UI node tree.	boolean	true	null	no	addChildren
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
AM Definition	The fully-qualified class name for the application module.	string	null	null	no	amDefName
AM Instance	The instance name of an application module.	string	null	null	no	amUsageName
Attribute Set	The attribute set for the component.	jrad:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
Controller Class	The fully-qualified class name for the controller object.	string	null	admin	no	controllerClass
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Disable Client Side Validation	Indicates if validation should not occur on the web tier during a form submit.	boolean	false	null	no	unvalidated
Disable Server Side	Indicates if validation should not occur on the business tier	boolean	false	null	no	serverUnvalidated

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Validation	during a form submit.					
Document Name	The name of the component	jrad:refName	null	null	no	docName
Documentation Comment	Formatted text for use with Javadoc.	string	from template file	null	no	not applicable
Extends	A reference to another component that creates a different instance of that component at runtime.	jrad:componentRef	null	null	no	extends
File Version	The version of the file.	string	null	null	no	file-version
First Step	The number of the first step in a multi-step navigation.	unsignedInt	1	null	no	minValue
Last Step	The number of the last step in a multi-step navigation.	unsignedInt	-1	null	no	maxValue
OA Extension Version	The Oracle Applications Extension version with which the file was created or updated.	jrad:version	null	null	no	version
Personalization Label	The region label used for Personalization.	string	null	null	no	regionName
Post Initial Values	Indicates if rows which are made dirty only by the defaulting of Initial Values are to be posted.	boolean	false	admin	no	postDefault
Records Displayed	The maximum number of rows to display.	unsignedInt	-1	user	no	blockSize
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Scope	The Base Packages which are allowed to reuse this component.	jrad:scope	.	null	no	scope

Region Styles

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Show All	Indicates if the user can view any attachment for the current object, regardless of category.	string	no	null	no	showAll
Security Mode	Defines the security mode used to secure the region. If set to selfSecured it is the developer's responsibility to handle security validation. The legal values are standard , and selfSecured .	string	standard	null	no	securityMode
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

pageButtonBar

Description

The pageButtonBar style lays out a set of buttons that operate over the scope of the entire page.

Corresponding web bean: OAPageButtonBarBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Add Indexed Children	Indicates if indexed children will be automatically added to this UI node tree.	boolean	true	null	no	addChildren
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Attribute Set	The attribute set for the component.	jrad:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
Controller Class	The fully-qualified class name for the controller object.	string	null	admin	no	controllerClass
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Document Name	The name of the component	jrad:refName	null	null	no	docName
Documentation Comment	Formatted text for use with Javadoc.	string	from template file	null	no	not applicable
Extends	A reference to another component that creates a different instance of that component at runtime.	jrad:componentRef	null	null	no	extends
File Version	The version of the file.	string	null	null	no	file-version

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
OA Extension Version	The Oracle Applications Extension version with which the file was created or updated.	jrad:version	null	null	no	version
Personalization Label	The region label used for Personalization.	string	null	null	no	regionName
Post Initial Values	Indicates if rows which are made dirty only by the defaulting of Initial Values are to be posted.	boolean	false	null	no	postDefault
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Scope	The Base Packages which are allowed to reuse this component.	jrad:scope	.	null	no	scope
Security Mode	Defines the security mode used to secure the region. If set to selfSecured it is the developer's responsibility to handle security validation. The legal values are standard , and selfSecured .	string	standard	null	no	securityMode
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

pageLayout

Description

The pageLayout region is a high-level layout element that is a template for the entire page. It supports several navigation and content areas for the creation of pages.

Page-level components like corporate branding, gesture maps, global buttons, global headers, and privacy and copyright statements are contained under the OAPageLayoutBean.

Corresponding web bean: OAPageLayoutBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
AM Definition	The fully-qualified class name for the application module.	string	null	null	no	amDefName
AM State Required	Indicates if an error will be displayed when navigating to the page and an Application Module is not found.	boolean	false	null	no	amStateRequired
Application Menu	The menu to render with the page.	string	null	null	no	appMenu
Attribute Set	The attribute set for the component.	jrad:attributeSetRef	null	null	no	use
Auto Footer	Indicates if standard copyright and privacy named children are added automatically.	boolean	true	null	no	autoFooter
Browser Caching Disabled	Sets whether this page can be cached at the browser or proxy server or not.	boolean	null	admin	no	browserCachingDisabled

Region Styles

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Comments	Comments	string	null	null	no	comment
Controller Class	The fully-qualified class name for the controller object.	string	null	admin	no	controllerClass
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Document Name	The name of the component	jrads:refName	null	null	no	docName
Documentation Comment	Formatted text for use with Javadoc.	string	from template file	null	no	not applicable
Extends	A reference to another component that creates a different instance of that component at runtime.	jrads:componentRef	null	null	no	extends
File Version	The version of the file.	string	null	null	no	file-version
Form	Indicates if all child elements are embedded inside an HTML form element.	boolean	true	null	no	addForm
Function Name	The function that secures the region.	string	null	null	no	function
Global Menu	The name of the Global Menu.	string	null	null	no	globalMenu
Help Target	The target name for the page online help.	string	null	admin	no	helpTarget
Help Target Appl Short Name	This application will be used to construct URI of the "help" icon in the global menu of the page. This makes the help pages from the other applications referenceable.	string	null	admin	no	helpTargetAppShortName
ID	The unique name of this component.	Name	null	null	no	id

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
OA Extension Version	The Oracle Applications Extension version with which the file was created or updated.	jrads:version	null	null	no	version
Page Menu	The menu name for the page.	string	null	null	no	pageMenu
Personalization Label	The region label used for Personalization.	string	null	null	no	regionName
Post Initial Values	Indicates if rows which are made dirty only by the defaulting of Initial Values are to be posted.	boolean	false	null	no	postDefault
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Scope	The Base Packages which are allowed to reuse this component.	jrads:scope	.	null	no	scope
Security Mode	Defines the security mode used to secure the region. If set to selfSecured it is the developer's responsibility to handle security validation. The legal values are standard , and selfSecured .	string	standard	null	no	securityMode
Show Quick Links	Indicates if Quick Links within the page are rendered automatically.	boolean	false	null	no	quickLinksShown
Title	The title of the region.	string	null	null	no	title
Warn About Changes	Warns the user if there are pending changes that will be	boolean	false	null	no	warnAboutChanges

Region Styles

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
	lost, and allows them to cancel the current action or discard the changes and continue with the current action.					
Window Title	The title of the window.	string	null	admin	true	windowTitle
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

Element Children

Name	Quantity	Description
contentFooter	0 through 1	The content footer region of the page.
copyright	0 through 1	Node to use as a copyright statement.
corporateBranding	0 through 1	The corporate branding region of the page. This section typically contains a medium size image of the logo of the company owning the page.
flexibleContents	0 through 1	Flexible contents.
footnote	0 through 1	The footnote region. This region provides a location for page-level status that is ancillary to the user's task.
gestureMap	0 through 1	Contains the gesture maps associated with the page.
hideShowSubTabLayout	0 through 1	The HideShowSubTabLayout region of the page.
inContextBranding	0 through 1	The inContext branding region of the page. This section typically contains formatted text indicating that one context exists between the persistent tabs.
location	0 through 1	The locator region of the page.
pageStatus	0 through 1	The page-level status and/or key notation region. This region provides a location for page-level status that is important to the user's task.
privacy	0 through 1	Node to use as a privacy statement.
productBranding	0 through 1	The product branding region of the page. This section typically contains an image of the product logo.
quickSearch	0 through 1	The quick search region of the page.
returnNavigation	0 through 1	The "return to" link at the bottom of the page.
userInfo	0 through 1	The user information region.

gestureMap

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
binding	binding	string	null	null	no	binding
nodeID	nodeID	string	null	null	no	nodeID
refID	refID	string	null	null	no	refID
refType	refType	string	null	null	no	refType
rendered	rendered	boolean	true	null	no	rendered
transient	transient	boolean	false	null	no	transient

gesture

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Attribute Set	The attribute set for the component.	jrads:attributeSetRef	null	null	no	use
binding	binding	string	null	null	no	binding
Comments	Comments	string	null	null	no	comment
Gesture Name	The name of gesture to be associated.	string	null	null	no	gestureName
ID	The unique name of this component.	Name	null	null	no	id
nodeID	nodeID	string	null	null	no	nodeID
refID	refID	string	null	null	no	refID
refType	refType	string	null	null	no	refType
rendered	rendered	boolean	true	null	no	rendered
Target Bean Attribute	The Attribute of the target bean which holds the event definition to be	string	null	null	no	targetBeanAttribute

Region Styles

	triggered.					
Target Bean Id	Id of the target bean present on the page, whose attribute needs to be associated with the selected gesture.	string	null	null	null	targetBeanId
transient	transient	boolean	false	null	no	transient

popUp

Description

The popUp region style is used to create a small window that allows a user to display and update contextual information. A pop-up window can render any OA Framework region. There are two types of pop-ups:

- Embedded pop-up - The pop-up is embedded within the base page web bean hierarchy. It is an extension of the base page, sharing the same page state. Its contents are pre-fetched as part of the base page request.
- Parameterized pop-up - The pop-up is a separate standalone region that is not embedded within the base page. Its contents are fetched and rendered on demand.

Pop-ups are available on the following OA components:

- messageStyledText
- image
- link
- button

popUp extends flowlayout and inherits all the attributes from it. See the section on [flowlayout](#) for a list of attributes available on the flowlayout element.

Corresponding web bean: OAPopupBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Additional Text	Additional help text.	string	null	admin	yes	shortDesc
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Attribute Set	The attribute	jrad:attributeSetRef	null	null	no	use

Region Styles

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
	set for the component.					
Comments	Comments	string	null	null	no	comment
Enable Auto Resize	Enable auto resizing of the popup.	boolean	false	admin	no	autoResizeEnabled
Height	The display height in pixels.	string	null	admin	no	height
ID	The unique name of this component.	Name	null	null	no	id
Modal Enabled	Indicates whether the popup should be a modal dialog or a non-modal dialog.	boolean	false	admin	no	isModal
Parameters	The parameters of the pop-up.	string	null	admin	no	popupParameters
Read Only	Indicates if the value can be changed.	boolean	false	admin	no	readOnly
Region	Indicates the region where the pop-up occurs.	string	null	admin	no	popupRegion
Show Notch	Show notch for the popup relative to	boolean	false	admin	no	notchShown

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
	the item that launches the popup.					
Title	Indicates the title for the pop-up	string	null	admin	no	popupTitle
Type	Indicates the pop-up type.	string	EmbeddedPopup	admin	no	popupType
View Instance	The name of the view object instance.	string	null	null	no	viewName
Width	Indicates the width in pixels or as a percentage (if % sign included).	string	null	admin	no	width

query

Description

The query region extends UIX's StackLayoutBean. A query region is an extension of the stackLayout region. A query region can contain a simple search panel, an advanced search panel, a results table, and other elements as indexed children. The simple search panel is represented as an optional named child that can contain any of the default renderers -- defaultSingleColumn, defaultDoubleColumn, defaultStack, and defaultFormStack elements. Similarly, the advanced search panel is represented in the metadata as an optional named child that can contain an advancedSearch element. The results of a query are rendered using either a HGrid or a table. The table or HGrid elements are added as indexed children of the query region.

For a query region, there are three types of search panels that can be displayed. They are:

- Simple
- Advanced
- Customize

Query region runs in three modes: Default mode, Results Based Search (RBS) mode, and Auto Customization Criteria (ACC) mode.

In the default mode, the developer is responsible for defining the search panels and binding the results of the search to the results table/HGrid.

In the RBS mode, the search panel is created dynamically using the queryable property of the region items inside the nested table or HGrid indexed children.

In the ACC mode, you have the flexibility of defining your own UI for the search panels, but the binding is powered by the framework as long as items on the panels are mapped to items in the results table/HGrid.

If you want to support user-personalizable searches which are surfaced in a Views panel, you must set the User Personalization property of the table/hgrid region (under the query region) to True. See the OA Framework Developer's Guide for more information.

Corresponding web bean: OAQueryBean

Properties

Query inherits all the attributes from stackLayout. See the section on [stackLayout](#) for a list of attributes and child elements available on the stackLayout element.

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute

Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Advanced Button Label	Overrides the default text for the button that navigates to the advanced search panel.	string	null	null	true	advSearchPanelButtonLabel
Advanced Panel Instructions	Overrides the default text for the advanced search panel instruction text.	string	null	null	true	advancedSearchInstrTexts
AM Definition	The fully-qualified class name for the application module.	string	null	null	no	amDefName
AM Instance	The instance name of an application module.	string	null	null	no	amUsageName
Attribute Set	The attribute set for the component.	jrad:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
Construction Mode	Indicates the level of automatic panel and search construction. 'autoCustomizationCriteria' is the most automatic level; 'resultsBasedSearch' is a semi-automatic level, and 'none' implies manual construction. The legal values are none, resultsBasedSearch, and autoCustomizationCriteria.	string	none	null	no	mode
Controller Class	The fully-qualified class name for the controller object.	string	null	admin	no	controllerClass
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Data Type	The type of data. Valid only when used in table region. The legal values are VARCHAR2, DATE, DATETIME, NUMBER, BIGDECIMAL, BOOLEAN, and CLOB.	string	VARCHAR2	null	no	dataType
Extends	A reference to another component that creates a different instance of that component at runtime.	jrad:componentRef	null	null	no	extends
Help	The target name for the page	string	null	null	no	helpTarget

Region Styles

Target	online help.					
Help Target Appl Short Name	This application will be used to construct URI of the "help" icon in the global menu of the page. This makes the help pages from the other applications referenceable.	string	null	admin	no	helpTargetAppShortName
Hide Personalize	Indicates if the Personalize button is hidden.	boolean	false	admin	no	hidePersonalize
Hide Save Search	Indicates if the Save Search button is hidden.	boolean	false	admin	no	hideSaveSearch
Include Advanced Panel	Indicates if the advanced search panel is available to the user.	boolean	false	null	no	dispAdvanced
Include Simple Panel	Indicates if the simple search panel is available to the user.	boolean	false	null	no	dispSimple
Include Views Panel	Indicates if the Views panel is available to the user.	boolean	false	null	no	dispCustomized
Initial Panel	The initial panel to render. The legal values are simple, advanced, and customized.	string	simple	user	no	defaultPanel
Initial Sort Sequence	Indicates the initial sort sequence for each search. The legal values are none, first, second, and third.	string	none	null	no	initSortSeq
No Wrap	Indicates if cell contents should be wrapped. Valid only when used in table region.	boolean	false	null	no	cellNoWrapFormat
Personalization Label	The region label used for Personalization.	string	null	null	no	regionName
Post Initial Values	Indicates if rows which are made dirty only by the defaulting of Initial Values are to be posted.	boolean	false	null	no	postDefault
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Save Search Button Text	Overrides the default text for the Save Search button.	string	null	null	true	saveSearchButtonText

Security Mode	Defines the security mode used to secure the region. If set to selfSecured it is the developer's responsibility to handle security validation. The legal values are standard, and selfSecured.	string	standard	null	no	securityMode
Show Views Panel Controls	Indicates if the Views Panel controls will be displayed.	boolean	true	null	no	showCustomizePanelControls
Simple Button Label	Overrides the default text for the button that navigates to the simple search panel.	string	null	null	true	simpleSearchPanelButtonLabel
Simple Panel Instructions	Overrides the default text for the Simple Search Panel instruction text.	string	null	null	true	simpleSearchInstructions
Sort Allowed	Indicates if the user can sort this column. Valid only when used in table region. The legal values are yes, no, ascending, and descending.	string	no	admin	no	sortState
Sort By View Attribute	The alternate view attribute name for use when sorting. Valid only when used in table region.	string	null	user	no	sortByViewAttr
Standalone	Indicates if this region can be rendered on its own.	boolean	false	null	no	standalone
Store Views on Shared Region	Indicates if the views are stored on the shared region.	boolean	false	null	no	storeViewsOnSharedRegion
User Personalization	Indicates if a user can personalize this component. Valid only when used in table region.	boolean	false	admin	no	userCustomizable
View Instance	The name of the view object instance. Valid only when used in table region.	string	null	null	no	viewName
Views Button Label	Overrides the default text for the button that navigates to the Views panel.	string	null	null	true	viewConfPanelButtonLabel
Views Panel Instructions	Overrides the default text for the Views panel instruction text.	string	null	null	true	customizeInstructions

ons						
Views Panel Title	Overrides the default text for the Views panel title.	string	null	null	true	customizePanelTitle

Element Children

Name	Quantity	Description
advancedSearchMappings	0 through 1	Contains mappings between criteria items on advanced search panel and result tables(or hGrids).
advancedSearchPanel	0 through 1	Named child for holding an advanced search panel.
simpleSearchMappings	0 through 1	Contains mappings between criteria items on simple search panel and result tables(or hGrids).
simpleSearchPanel	0 through 1	Named child for holding a simple search panel.

queryCriteriaMap

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Attribute Set	The attribute set for the component.	jrad:attributeSetRef	null	null	no	use
Comments	Comments.	string	null	null	no	comment
Results Item	The ID of the item in the results table or hGrid.	jrad:componentRef	null	null	no	resultsItem
Search Item	The ID of the item in the search panel.	jrad:componentRef	null	null	no	criteriaItem

In addition to inheriting the named children from stackLayout, query has three more named children associated with it. They are simpleSearchPanel, advancedSearchPanel, and results.

rowLayout

Description

The rowLayout region can be used on its own, or to define a row of a tableLayout. It can contain arbitrary content, one item per cell, but clients that need formatting beyond just a simple <td> element must wrap the child nodes in cellFormat objects.

Corresponding web bean: OARowLayoutBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Add Indexed Children	Indicates if indexed children will be automatically added to this UI node tree.	boolean	true	null	no	addChildren
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
AM Definition	The fully-qualified class name for the application module.	string	null	null	no	amDefName
AM Instance	The instance name of an application module.	string	null	null	no	amUsageName
Attribute Set	The attribute set for the component.	jrads:attributeSetRef	null	null	no	use
Child View Attribute	The name of the child view attribute. Valid only when used in table region.	string	null	null	no	childViewAttributeName
Child View Instance	Renders an instance of the object for each row in the View Instance. Valid only when used in table region.	string	null	null	no	childViewUsageName
Comments	Comments	string	null	null	no	comment
Controller Class	The fully-qualified class name for the controller object.	string	null	admin	no	controllerClass

Region Styles

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Document Name	The name of the component	jrads:refName	null	null	no	docName
Documentation Comment	Formatted text for use with Javadoc.	string	from template file	null	no	not applicable
Extends	A reference to another component that creates a different instance of that component at runtime.	jrads:componentRef	null	null	no	extends
File Version	The version of the file.	string	null	null	no	file-version
Horizontal Alignment	Horizontal alignment. Acceptable values are "center", "left", "right", "start", and "end".	string	null	null	no	hAlign
ID	The unique name of this component.	Name	null	null	no	id
Initial Sort Sequence	Indicates the initial sort sequence for each search. The legal values are none , first , second , and third .	string	none	null	no	initSortSeq
No Wrap	Indicates if cell contents should be wrapped. Valid only when used in table region.	boolean	false	null	no	cellNoWrapFormat
OA Extension Version	The Oracle Applications Extension version with which the file was created or updated.	jrads:version	null	null	no	version
Personalization Label	The region label used for Personalization.	string	null	null	no	regionName
Post Initial Values	Indicates if rows which are made dirty only by the defaulting of Initial Values are to be posted.	boolean	false	null	no	postDefault
Prompt	The text label for the component.	string	null	admin	true	prompt
Rendered	Indicates if the component	boolean	true	user	no	rendered

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
	is rendered.					
Scope	The Base Packages which are allowed to reuse this component.	jrads:scope	.	null	no	scope
Security Mode	Defines the security mode used to secure the region. If set to selfSecured it is the developer's responsibility to handle security validation. The legal values are standard , and selfSecured .	string	standard	null	no	securityMode
Sort Allowed	Indicates if the user can sort this column. Valid only when used in table region. The legal values are yes , no , ascending , and descending .	string	no	admin	no	sortState
Sort By View Attribute	The alternate view attribute name for use when sorting. Valid only when used in table region.	string	null	user	no	sortByViewAttr
User Personalization	Indicates if a user can personalize this component. Valid only when used in table region.	boolean	false	admin	no	userCustomizable
Vertical Alignment	Vertical alignment. Acceptable values are "middle", "top", and "bottom".	string	null	null	no	vAlign
Width	Indicates the width in pixels or as a percentage (if % sign included).	string	null	null	no	width
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

shuttle

Description

The shuttle region provides a mechanism for moving items between two lists and reordering one of these lists. Often the shuttle will be used to select items from one list by placing them in the other. However, the shuttle can be used to operate on lists in other ways as well.

Corresponding web bean: OAShuttleBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Add Indexed Children	Indicates if indexed children will be automatically added to this UI node tree.	boolean	true	null	no	addChildren
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
AM Definition	The fully-qualified class name for the application module.	string	null	null	no	amDefName
AM Instance	The instance name of an application module.	string	null	null	no	amUsageName
Attribute Set	The attribute set for the component.	jrads:attributeSetRef	null	null	no	use
Available Header	The header for the available (first) list.	string	null	null	no	leadingHeader
Comments	Comments	string	null	null	no	comment
Controller Class	The fully-qualified class name for the controller object.	string	null	admin	no	controllerClass
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Document Name	The name of the component	jrads:refName	null	null	no	docName

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Documentation Comment	Formatted text for use with Javadoc.	string	from template file	null	no	not applicable
Extends	A reference to another component that creates a different instance of that component at runtime.	jrads:componentRef	null	null	no	extends
File Version	The version of the file.	string	null	null	no	file-version
Help Target	The target name for the page online help.	string	null	null	no	helpTarget
Help Target Appl Short Name	This application will be used to construct URI of the "help" icon in the global menu of the page. This makes the help pages from the other applications referenceable.	string	null	null	no	helpTargetAppShortName
ID	The unique name of this component.	Name	null	null	no	id
OA Extension Version	The Oracle Applications Extension version with which the file was created or updated.	jrads:version	null	null	no	version
Ordering Allowed	Indicates if the contents of the selected (second) list can be ordered.	boolean	true	null	no	reorderable
Personalization Label	The region label used for Personalization.	string	null	null	no	regionName
Post Initial Values	Indicates if rows which are made dirty only by the defaulting of Initial	boolean	false	null	no	postDefault

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
	Values are to be posted.					
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Scope	The Base Packages which are allowed to reuse this component.	jrads:scope	.	null	no	scope
Security Mode	Defines the security mode used to secure the region. If set to selfSecured it is the developer's responsibility to handle security validation. The legal values are standard , and selfSecured .	string	standard	null	no	securityMode
Selected Header	The header for the selected (second) list.	string	null	null	no	trailingHeader
Standalone	Indicates if this region can be rendered on its own.	boolean	false	null	no	standalone
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

Element Children

Name	Quantity	Description
leading	0 through 1	The leading list of the shuttle.
leadingFooter	0 through 1	The footer of buttons/images under the leading list.
trailing	0 through 1	The trailing list of the shuttle.
trailingFooter	0 through 1	The footer of buttons/images under the trailing list.

stackLayout

Description

The stackLayout region is a layout element that lays out each of its children vertically.

Corresponding web bean: OAStackLayoutBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Add Indexed Children	Indicates if indexed children will be automatically added to this UI node tree.	boolean	true	null	no	addChildren
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
AM Definition	The fully-qualified class name for the application module.	string	null	null	no	amDefName
AM Instance	The instance name of an application module.	string	null	null	no	amUsageName
Attribute Set	The attribute set for the component.	jrads:attributeSetRef	null	null	no	use
Child View Attribute	The name of the child view attribute. Valid only when used in table region.	string	null	null	no	childViewAttrName
Child View Instance	Renders an instance of the object for each row in the View Instance. Valid only when used in table region.	string	null	null	no	childViewUsageName
Comments	Comments	string	null	null	no	comment
Controller Class	The fully-qualified class name for the controller object.	string	null	admin	no	controllerClass

Region Styles

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Document Name	The name of the component	jrads:refName	null	null	no	docName
Documentation Comment	Formatted text for use with Javadoc.	string	from template file	null	no	not applicable
Extends	A reference to another component that creates a different instance of that component at runtime.	jrads:componentRef	null	null	no	extends
File Version	The version of the file.	string	null	null	no	file-version
Help Target	The target name for the page online help.	string	null	null	no	helpTarget
Help Target Appl Short Name	This application will be used to construct URI of the "help" icon in the global menu of the page. This makes the help pages from the other applications referenceable.	string	null	null	no	helpTargetAppShortName
ID	The unique name of this component.	Name	null	null	no	id
Initial Sort Sequence	Indicates the initial sort sequence for each search. The legal values are none , first , second , and third .	string	none	null	no	initSortSeq
No Wrap	Indicates if cell contents should be wrapped. Valid only when used in table region.	boolean	false	null	no	cellNoWrapFormat
OA Extension Version	The Oracle Applications Extension version with which the file was created or updated.	jrads:version	null	null	no	version
Personalization Label	The region label used for Personalization.	string	null	null	no	regionName

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Post Initial Values	Indicates if rows which are made dirty only by the defaulting of Initial Values are to be posted.	boolean	false	null	no	postDefault
Prompt	The text label for the component.	string	null	admin	true	prompt
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Scope	The Base Packages which are allowed to reuse this component.	jrad:scope	.	null	no	scope
Security Mode	Defines the security mode used to secure the region. If set to selfSecured it is the developer's responsibility to handle security validation. The legal values are standard , and selfSecured .	string	standard	null	no	securityMode
Sort Allowed	Indicates if the user can sort this column. Valid only when used in table region. The legal values are yes , no , ascending , and descending .	string	no	admin	no	sortState
Sort By View Attribute	The alternate view attribute name for use when sorting. Valid only when used in table region.	string	null	user	no	sortByViewAttr
Standalone	Indicates if this region can be rendered on its own.	boolean	false	null	no	standalone
User Personalization	Indicates if a user can personalize this component. Valid only when used in table region.	boolean	false	admin	no	userCustomizable
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

subTabLayout

Description

The subTabLayout region has a named child called "subTabs" that takes a subTabBar bean. subTabBar contains link elements as its indexed children. subTabBar is rendered once on top and once on the bottom. The indexed children of the subTabLayout are rendered in between. The number of indexed children of subTabBar, which are the link elements, should be equal to the number of indexed children of the parent subTabLayout. The link elements are used to switch between the indexed children of the subTabLayout.

subTabLayout extends the UIX counterpart <uix:subTabLayout> and inherits all the attributes and the children.

Corresponding web bean: OASubTabLayoutBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Add Indexed Children	Indicates if indexed children will be automatically added to this UI node tree.	boolean	true	null	no	addChildren
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
AM Definition	The fully-qualified class name for the application module.	string	null	null	no	amDefName
AM Instance	The instance name of an application module.	string	null	null	no	amUsageName
Attribute Set	The attribute set for the component.	jrads:attributeSetRef	null	null	no	use
Child View Attribute	The name of the child view attribute.	string	null	null	no	childViewAttributeName
Child View Instance	Renders an instance of the object for each row in the View Instance.	string	null	null	no	childViewUsageName

Region Styles

Comments	Comments	string	null	null	no	comment
Controller Class	The fully-qualified class name for the controller object.	string	null	admin	no	controllerClass
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Display Type	Display Mode for sub tab layout links.	string	textOnly	admin	no	displayType
Document Name	The name of the component	jrad:refName	null	null	no	docName
Documentation Comment	Formatted text for use with Javadoc.	string	from template file	null	no	not applicable
Extends	A reference to another component that creates a different instance of that component at runtime.	jrad:componentRef	null	null	no	extends
File Version	The version of the file.	string	null	null	no	file-version
ID	The unique name of this component.	Name	null	null	no	id
Initial Subtab	The initially selected subtab.	nonNegativeInteger	0	null	no	selectedIndex
OA Extension Version	The Oracle Applications Extension version with which the file was created or updated.	jrad:version	null	null	no	version
Orientation	This property can be used to determine whether the sub tabs are displayed vertically or horizontally.	string	horizontal	admin	no	orientation
Personalization Label	The region label used for Personalization.	string	null	null	no	regionName
Post Initial Values	Indicates if rows which are made dirty only by the defaulting of Initial Values are to be posted.	boolean	false	null	no	postDefault

Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Scope	The Base Packages which are allowed to reuse this component.	jrad:scope	.	null	no	scope
Security Mode	Defines the security mode used to secure the region. If set to selfSecured it is the developer's responsibility to handle security validation. The legal values are standard, and selfSecured.	string	standard	null	no	securityMode
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

Element Children

Name	Quantity	Description
subTabs	0 through 1	Rendered twice per bean render, once before indexed children and once after.

subTabBar

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Additional Text	Additional help text.	string	null	admin	yes	shortDesc
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Attribute Set	The attribute	jrad:attributeSetRef	null	null	no	use

Region Styles

	set for the component .					
Comments	Comments	string	null	null	no	comment
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Document Name	The name of the component	jrads:refName	null	null	no	docName
Extends	A reference to another component that creates a different instance of that component at runtime.	jrads:component Ref	null	null	no	extends
Rendered	Indicates if the component is rendered.	boolean	null	user	no	rendered
Scope	The Base Packages which are allowed to reuse this component .	jrads:scope	.	null	no	scope
xml:lang	Identifies the language contained within this component .	optional	null	null	no	xml:lang

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switcher

Description

The switcher region is used to dynamically decide which UINode subtree needs to be rendered. It has a property, "childName", that is used to render the named child under this name. Indexed children of this bean are not rendered at all. The "childName" is bound as an attribute to a VO. So, you never set it declaratively. Instead, you specify the viewName and viewAttr attributes on a switcher.

Corresponding web bean: OASwitcherBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
AM Definition	The fully-qualified class name for the application module.	string	null	null	no	amDefName
AM Instance	The instance name of an application module.	string	null	null	no	amUsageName
Attribute Set	The attribute set for the component.	jrads:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
Controller Class	The fully-qualified class name for the controller object.	string	null	admin	no	controllerClass
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Data Type	The type of data. Valid only when used in table region. The legal values are VARCHAR2 , DATE , DATETIME , BIGDECIMAL , NUMBER , BOOLEAN , and CLOB .	string	VARCHAR2	null	no	dataType
Document Name	The name of the component	jrads:refName	null	null	no	docName

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Documentation Comment	Formatted text for use with Javadoc.	string	from template file	null	no	not applicable
Export View Attribute	The alternate view attribute for use when exporting. Valid only when used in table region.	string	null	admin	no	exportByViewAttr
Extends	A reference to another component that creates a different instance of that component at runtime.	jrads:componentRef	null	null	no	extends
File Version	The version of the file.	string	null	null	no	file-version
ID	The unique name of this component.	Name	null	null	no	id
Initial Sort Sequence	Indicates the initial sort sequence for each search. The legal values are none , first , second , and third .	string	none	null	no	initSortSeq
No Wrap	Indicates if cell contents should be wrapped. Valid only when used in table region.	boolean	false	null	no	cellNoWrapFormat
OA Extension Version	The Oracle Applications Extension version with which the file was created or updated.	jrads:version	null	null	no	version
Personalization Label	The region label used for Personalization.	string	null	null	no	regionName
Post Initial Values	Indicates if rows which are made dirty only by the defaulting of Initial Values are to be posted.	boolean	false	null	no	postDefault
Prompt	The text label for the component.	string	null	admin	true	prompt
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Scope	The Base Packages which are allowed to reuse this component.	jrads:scope	.	null	no	scope
Security Mode	Defines the security mode used to secure the region.	string	standard	null	no	securityMode

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
	If set to selfSecured it is the developer's responsibility to handle security validation. The legal values are standard , and selfSecured .					
Sort Allowed	Indicates if the user can sort this column. Valid only when used in table region. The legal values are yes , no , ascending , and descending .	string	no	admin	no	sortState
Sort By View Attribute	The alternate view attribute name for use when sorting. Valid only when used in table region.	string	null	user	no	sortByViewAttr
User Personalization	Indicates if a user can personalize this component. Valid only when used in table region.	boolean	false	admin	no	userCustomizable
View Attribute	The name of the view attribute.	string	null	null	no	viewAttr
View Instance	The name of the view object instance. Valid only when used in table region.	string	null	null	no	viewName
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

Element Children

Name	Quantity	Description
case	1 or more	Used with the SwitcherBean to decide which child must be rendered.

table

Description

The table region is used to display tabular data. It also supports selection (both single and multiple), sorting, record navigation, totalling and detail-disclosure.

Note that totalling can be enabled for any column except for the first column in a table.

Classic Table Accessibility Support

To support accessibility for screen readers, you must identify a column in a classic table as a row header. Every row in the table must refer to a column as the row header that uniquely identifies the row so the screen reader can read it. Screen reader users must also define their Accessibility mode by setting the profile "Self Service Accessibility Features" to **Screen Reader Optimized**.

The underlying UIX `oracle.cabo.ui.beans.table.TableBean` supports accessibility by defaulting a table's first column as the row header. However, you can set a different column as the row header, especially if a user is likely to personalize the table by turning off rendering of the first column or if the first column can return no data. Note that for a classic table, you may only set an immediate child under the table as a row header column, and not a recursive child item under an immediate child.

To declaratively set a column as a row header, in the OA Extension Property Inspector, specify a column ID (String) for the Row Header Column property (XML attribute: `rowheadercol`) of the classic table region.

To programmatically set a column as a row header, use the following API on `OATableBean`:

```
setRowHeaderColumn(<columnName>);
```

As of Release 12.2, you may also personalize the Row Header Column property of a Classic Table to identify a column as the Row Header for screen reader accessibility.

Corresponding web bean: `OATableBean`

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
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Region Styles

Additional Text	Additional help text.	string	null	admin	yes	shortDesc
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
AM Definition	The fully-qualified class name for the application module.	string	null	null	no	amDefName
AM Instance	The instance name of an application module.	string	null	null	no	amUsageName
Attribute Set	The attribute set for the component.	jrads:attributeSetRef	null	null	no	use
Child View Attribute	The name of the child view attribute.	string	null	null	no	childViewAttrName
Comments	Comments	string	null	null	no	comment
Controller Class	The fully-qualified class name for the controller object.	string	null	admin	no	controllerClass
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Detail View Attribute	The view attribute that determines if that particular row is to be stamped with the detail child.	string	null	null	no	detailViewAttr
Disable Client Side Validation	Indicates if validation should not occur on the web tier during a form submit.	boolean	false	null	no	unvalidated
Disable Server Side Validation	Indicates if validation should not occur on the business tier during a form submit.	boolean	false	null	no	serverUnvalidated
Display Vertical Gridlines	Control display of vertical gridlines.	boolean	true	admin	no	verticalGridlinesDisplayed
Document Name	The name of the component	jrads:refName	null	null	no	docName
Documentation Comment	Formatted text for use with Javadoc.	string	from template file	null	no	not applicable

Enable Column Hide Show	Enable columns to be hidden/shown by end users.	boolean	true	admin	no	columnHideShowEnabled
Enable Column Reorder	Enable columns to be reordered by end users.	boolean	true	admin	no	colReorderEnabled
Enable Column Resize	Enable columns to be resized by end users.	boolean	true	admin	no	colResizeEnabled
Enable Detach	Enable the table to be detached and maximized in the browser.	boolean	true	admin	no	detachEnabled
Enable Horizontal Scroll	Enable horizontal scroll bars.	boolean	true	admin	no	horizontalScrollEnabled
Extends	A reference to another component that creates a different instance of that component at runtime.	jrads:componentRef	null	null	no	extends
File Version	The version of the file.	string	null	null	no	file-version
Help Target	The target name for the page online help.	string	null	null	no	helpTarget
Help Target Appl Short Name	This application will be used to construct URI of the "help" icon in the global menu of the page. This makes the help pages from the other applications referenceable.	string	null	null	no	helpTargetAppShortName
ID	The unique name of this component.	Name	null	null	no	id
Message Appl Short Name	The application short name that owns the message.	string	null	admin	no	messageAppShortName
Message Name	The name of the message.	string	null	admin	no	messageName
OA Extension Version	The Oracle Applications Extension version	jrads:version	null	null	no	version

Region Styles

	with which the file was created or updated.					
Personalization Label	The region label used for Personalization.	string	null	null	no	regionName
Post Initial Values	Indicates if rows which are made dirty only by the defaulting of Initial Values are to be posted.	boolean	false	null	no	postDefault
Record History Enabled	Indicates if Record History feature is enabled.	boolean	false	admin	no	recordHistoryEnabled
Records Displayed	The maximum number of rows to display.	unsignedInt	10	user	no	blockSize
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Row Header Col	Indicates if Scope attribute is to be added to Table.	unsignedInt	null	admin	no	rowheadercol
Row Header View Attribute	The view attribute for the row header.	string	null	null	no	rowHeaderViewAttr
Scope	The Base Packages which are allowed to reuse this component.	jrads:scope	.	null	no	scope
Security Mode	Defines the security mode used to secure the region. If set to selfSecured it is the developer's responsibility to handle security validation. The legal values are standard, and selfSecured.	string	standard	null	no	securityMode
Standalone	Indicates if this region can be	boolean	false	null	no	standalone

	rendered on its own.					
Text	The text label for the component.	string	null	admin	no	text
User Personalization	Indicates if a user can personalize this component.	boolean	false	admin	no	userCustomizable
View Link Instance	The name of the View Link Instance establishing master-detail relationship between outer and inner repeating containers.	string	null	null	no	viewLinkName
Width	Indicates the width in pixels or as a percentage (if % sign included).	string	null	null	no	width
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

Element Children

Name	Quantity	Description
detail	0 through 1	Node to stamp below every row which is disclosed.
tableActions	0 through 1	Component used for performing table actions that are independent of row selection.
tableSelection	0 through 1	SingleSelectionBean or MultipleSelectionBean to render with the table.

tableLayout

Description

The tableLayout region is a thin wrapper around the HTML's table element. It contains a series of rowLayout elements.

Corresponding web bean: OATableLayoutBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Add Indexed Children	Indicates if indexed children will be automatically added to this UI node tree.	boolean	true	null	no	addChildren
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
AM Definition	The fully-qualified class name for the application module.	string	null	null	no	amDefName
AM Instance	The instance name of an application module.	string	null	null	no	amUsageName
Attribute Set	The attribute set for the component.	jrads:attributeSetRef	null	null	no	use
Child View Attribute	The name of the child view attribute.	string	null	null	no	childViewAttributeName
Child View Instance	Renders an instance of the object for each row in the View Instance.	string	null	null	no	childViewUsageName
Comments	Comments	string	null	null	no	comment
Controller Class	The fully-qualified class name for the controller object.	string	null	admin	no	controllerClass
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Document Name	The name of the component	jrads:refName	null	null	no	docName
Documentation Comment	Formatted text for use with Javadoc.	string	from template file	null	no	not applicable
Extends	A reference to another component that creates a different instance of that component at runtime.	jrads:componentRef	null	null	no	extends
File Version	The version of the file.	string	null	null	no	file-version
Help Target	The target name for the page online help.	string	null	null	no	helpTarget
Help Target Appl Short Name	This application will be used to construct URI of the "help" icon in the global menu of the page. This makes the help pages from the other applications referenceable.	string	null	null	no	helpTargetAppShortName
Horizontal Alignment	Horizontal alignment. The acceptable values are "center", "left", "right", "start", and "end".	string	center	null	no	hAlign
ID	The unique name of this component.	Name	null	null	no	id
OA Extension Version	The Oracle Applications Extension version with which the file was created or updated.	jrads:version	null	null	no	version
Personalization Label	The region label used for Personalization.	string	null	null	no	regionName

Region Styles

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Post Initial Values	Indicates if rows which are made dirty only by the defaulting of Initial Values are to be posted.	boolean	false	null	no	postDefault
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Scope	The Base Packages which are allowed to reuse this component.	jrads:scope	.	null	no	scope
Security Mode	Defines the security mode used to secure the region. If set to selfSecured it is the developer's responsibility to handle security validation. The legal values are standard , and selfSecured .	string	standard	null	no	securityMode
Standalone	Indicates if this region can be rendered on its own.	boolean	false	null	no	standalone
View Link Instance	The name of the View Link Instance establishing master-detail relationship between outer and inner repeating containers.	string	null	null	no	viewLinkName
Width	Indicates the width in pixels or as a percentage (if % sign included).	string	null	null	no	width
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

train

Description

The train region is used to indicate the current page of a multi-page process. The highlighted "step" indicates the currently active page. The train has one property, "selectedIndex", which is the index of the selected "step".

Corresponding web bean: OATrainBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Allow Interaction	Indicates if each train stop should be rendered as a link.	boolean	false	null	no	formSubmitted
Attribute Set	The attribute set for the component.	jrad:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
Controller Class	The fully-qualified class name for the controller object.	string	null	admin	no	controllerClass
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Disable Client Side Validation	Indicates if validation should not occur on the web tier during a form submit.	boolean	false	null	no	unvalidated
Document Name	The name of the component	jrad:refName	null	null	no	docName
Documentation Comment	Formatted text for use with Javadoc.	string	from template file	null	no	not applicable
Extends	A reference to another component that creates a different instance of	jrad:componentRef	null	null	no	extends

Region Styles

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
	that component at runtime.					
File Version	The version of the file.	string	null	null	no	file-version
ID	The unique name of this component.	Name	null	null	no	id
OA Extension Version	The Oracle Applications Extension version with which the file was created or updated.	jrad:version	null	null	no	version
Personalization Label	The region label used for Personalization.	string	null	null	no	regionName
Post Initial Values	Indicates if rows which are made dirty only by the defaulting of Initial Values are to be posted.	boolean	false	null	no	postDefault
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Scope	The Base Packages which are allowed to reuse this component.	jrad:scope	.	null	no	scope
Security Mode	Defines the security mode used to secure the region. If set to selfSecured it is the developer's responsibility to handle security validation. The legal values are standard , and selfSecured .	string	standard	null	no	securityMode
Sub Train	Indicates if images are rendered before and after the train to indicate that this train is part of a sub-process.	boolean	false	null	no	subTrain
xml:lang	Identifies the	optional	null	null	no	xml:lang

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
	language contained within this component.					

tree

Description

The tree region is used to display objects in a hierarchical format. It factors data into child/leaf nodes and parent nodes which are either expanded or collapsed. The purpose of the tree control is to allow users to quickly browse through complex sets of hierarchical objects and access detailed information for a record by highlighting it in the tree. The visual representation of the hierarchy using the tree is also intended to show the relationship between a set of objects with respect to one another.

Corresponding web bean: OATreeBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
AM Definition	The fully-qualified class name for the application module.	string	null	null	no	amDefName
AM Instance	The instance name of an application module.	string	null	null	no	amUsageName
Attribute Set	The attribute set for the component.	jr:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
Controller Class	The fully-qualified class name for the controller object.	string	null	admin	no	controllerClass
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Disable Client Side Validation	Indicates if validation should not occur on the web tier during a form submit.	boolean	null	null	no	unvalidated
Document Name	The name of the component	jr:refName	null	null	no	docName

Document ation Comment	Formatted text for use with Javadoc.	string	from templ ate file	null	no	not applicable
Extends	A reference to another component that creates a different instance of that component at runtime.	jrad:compone ntRef	null	null	no	extends
File Version	The version of the file.	string	null	null	no	file-version
Help Target	The target name for the page online help.	string	null	null	no	helpTarget
Help Target Appl Short Name	This application will be used to construct URI of the "help" icon in the global menu of the page. This makes the help pages from the other applications referenceable.	string	null	null	no	helpTargetAppSho rtName
ID	Maps to the Item Name property of the Default Tree region-item.	Name	null	null	no	id
OA Extension Version	The Oracle Applications Extension version with which the file was created or updated.	jrad:version	null	null	no	version
Personaliz ation Label	The region label used for Personalization.	string	null	null	no	regionName
Post Initial Values	Indicates if rows which are made dirty only by the defaulting of Initial Values are to be posted.	boolean	false	null	no	postDefault
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered

Region Styles

Scope	The Base Packages which are allowed to reuse this component.	jrads:scope	.	null	no	scope
Security Mode	Defines the security mode used to secure the region. If set to selfSecured it is the developer's responsibility to handle security validation. The legal values are standard, and selfSecured.	string	stand ard	null	no	securityMode
Standalone	Indicates if this region can be rendered on its own.	boolean	false	null	no	standalone
Text	The text label for the component.	string	null	admin	true	text
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

Element Children

Name	Quantity	Description
members	1	Grouping used for specifying tree's members

nodeDef

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Action Type	The action type to fire for the component. It should be either "fireAction" or "none."	string	none	null	no	primaryClientAction
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable

Attribute Set	The attribute set for the component.	jrad:attributeSetRef	null	null	no	use
Child Object Type	Object Type of child nodes, used when displaying record set navigation controls.	string	null	null	true	childTypeText
Comments	Comments	string	null	null	no	comment
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Data Type	The type of data. The legal values are VARCHAR2, DATE, DATE TIME, BIGDECIMAL, NUMBER, BOOLEAN, and CLOB.	string	VARCHAR2	null	no	dataType
Destination Function	The function to invoke.	string	null	admin	no	invokeFunction
Destination URI	The Destination URI.	anyURI	null	admin	no	destination
Disable Client Side Validation	Indicates if validation should not occur on the web tier during a form submit.	boolean	null	null	no	unvalidated
Disable Server Side Validation	Indicates if validation should not occur on the business tier during a form submit.	boolean	false	null	no	serverUnvalidated
Document Name	The name of the component	jrad:refName	null	null	no	docName
Event	Name of the event.	string	null	null	no	event
Extends	A reference to another component that creates a different instance of that component at runtime.	jrad:componentRef	null	null	no	extends
Icon URI	the URI for the icon file.	anyURI	null	admin	no	icon
Parameters	A list of parameter names and values to be submitted by the action.	name-value pair	null	null	no	parameters
Record Set Size	The maximum number of records that can be displayed under each	ui:nonNegativeIntegerExpressionType	null	null	no	childBlockSize

Region Styles

	node.					
Rendered	Indicates if the component is rendered.	boolean	null	user	no	rendered
Scope	The Base Packages which are allowed to reuse this component.	jrad:scope	.	null	no	scope
Submit	Indicates if the action will cause a form submit	boolean	null	null	no	formSubmitted
Target Frame	The name of the target frame for the link.	string	null	null	no	targetFrame
View Attribute	The name of the view attribute.	string	null	null	no	viewAttr
View Instance	The name of the view object instance.	string	null	null	no	viewName
Warn About Changes	Warns the user if there are pending changes that will be lost, and allows them to cancel the current action or discard the changes and continue with the current action.	boolean	true	null	no	warnAboutChanges
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

childNode

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Additional Text	Additional help text.	string	null	admin	yes	shortDesc
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
AM Definition	The fully-qualified class name for the application module.	string	null	null	no	amDefName
AM Instance	The instance name of an	string	null	null	no	amUsageName

	application module.					
Ancestor Node	Optionally set only on the leaf level <childNode> element to recursively point to one of the ancestor nodes.	jrad:localRef	null	null	no	ancestorNode
Attribute Set	The attribute set for the component.	jrad:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Document Name	The name of the component	jrad:refName	null	null	no	docName
Extends	A reference to another component that creates a different instance of that component at runtime.	jrad:componentRef	null	null	no	extends
Personalization Label	The region label used for Personalization.	string	null	null	no	regionName
Rendered	Indicates if the component is rendered.	boolean	null	user	no	rendered
Scope	The Base Packages which are allowed to reuse this component.	jrad:scope	.	null	no	scope
View Link Accessor	The name of the View Link	string	null	null	no	viewLinkAccessorName

Region Styles

	Accessor for the child data.					
View Link Instance	The name of the View Link Instance for the child data.	string	null	null	no	viewLink
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

Element Children

Name	Quantity	Description
members	0 through 1	Grouping used for specifying tree's members.

Item Styles

attachmentImage

Description

An attachmentImage item style is used to display multi-row attachments that are represented as icons. An attachment image uses a Switcher bean internally to switch between one of two image beans.

attachmentImage is an extension of <ui:base>. All attributes supported by <ui:base> are inherited by attachmentImage.

Corresponding web bean: OAAttachmentImageBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Attribute Set	The attribute set for the component.	jrad:attributeSetRef	null	null	no	use
Automatic Save	Indicates if automatic save is enabled.	boolean	false	null	no	autoCommitEnabled
Comments	Comments	string	null	null	no	comment
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass

Item Styles

Document Name	The name of the component	jrad:refName	null	null	no	docName
Disable Client Side Validation	Indicates if validation should not occur on the web tier during a form submit.	boolean	true	null	no	unvalidated
Disable Server Side Validation	Indicates if validation should not occur on the business tier during a form submit.	boolean	true	null	no	serverUnvalidated
Enable Document Catalog	Indicates if the Document Catalog is enabled for the component.	boolean	true	admin	no	enableDocumentCatalog
Export View Attribute	The alternate view attribute for use when exporting.	string	null	admin	no	exportByViewAttr
Extends	A reference to another component that creates a different instance of that component at	jrad:componentRef	null	null	no	extends

	runtime.					
Inline Attachment Enabled	Indicates whether inline attachment capability is enabled or not.	boolean	(Default)	admin	no	inlineAttachmentEnabled
No Wrap	Indicates if cell contents should be wrapped.	boolean	false	null	no	cellNoWrapFormat
Prompt	The text label for the component.	string	Attachments	admin	true	prompt
Render Search Region	Indicates if the search region is rendered.	boolean	true	null	no	searchRegionRendered
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Scope	The Base Packages which are allowed to reuse this component.	jrad:scope	.	null	no	scope
User Personalization	Indicates if a user can personalize this component.	boolean	false	admin	no	userCustomizable
View Instance	The name of the view object instance.	string	null	null	no	viewName
Virus Scan	Indicates	boolean	false	admin	no	virusScanEnabled

Enabled	if Virus Scan is enabled on file attachments.					
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

Element Children

Name	Quantity	Description
entityMappings	1	Defines the entity and item relationships.

entityMap

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Attribute Set	The attribute set for the component.	jr:attributeSetRef	null	null	no	use
Comments	Comments.	string	null	null	no	comment
Delete Allowed	Indicates if the user can delete attachments from the current object.	boolean	true	null	no	deleteAllowed
Entity	The name of the attachment entity which defines the primary key relationships.	string	null	null	no	entityId
Insert Allowed	Indicates if new attachments	boolean	true	null	no	insertAllowed

	can be created for this entity.					
Show All	Indicates if the user can view any attachment for the current object, regardless of category.	boolean	false	null	no	showAll
Update Allowed	Indicates if the user can edit the attachment content.	boolean	true	null	no	updateAllowed

Element Children

Name	Quantity	Description
categoryMappings	0 through 1	Defines the entity and category relationships.
primaryKeys	0 through 1	Defines the primary keys.

categoryMap

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Attribute Set	The attribute set for the component.	jr:attributeSetRef	null	null	no	use
Category	The attachment category name.	string	null	null	no	categoryName
Comments	Comments.	string	null	null	no	comment
Secured	Indicates if the object is secured by grants model.	boolean	false	admin	no	secured

primaryKey

Item Styles

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Attribute Set	The attribute set for the component.	jrads:attributeSetRef	null	null	no	use
Comments	Comments.	string	null	null	no	comment
View Attribute	The name of the view attribute.	string	null	null	no	viewAttr

attachmentLink

Description

An attachmentLink item style is used to display single-row attachments.

attachmentLink is an extension of messageStyledText. All attributes supported by messageStyledText are inherited by attachmentLink. See the section on [messageStyledText](#) for a list of attributes available on the messageStyledText element.

Corresponding web bean: OAMessageAttachmentLinkBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Attribute Set	The attribute set for the component.	jrad:attributeSetRef	null	null	no	use
Automatic Save	Indicates if automatic save is enabled.	boolean	false	null	no	autoCommitEnabled
Comments	Comments	string	null	null	no	comment
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Document Name	The name of the component	jrad:refName	null	null	no	docName
Disable Client Side Validation	Indicates if validation should not occur on the web tier during a form submit.	boolean	true	null	no	unvalidated
Disable Server Side Validation	Indicates if validation should not occur on the business tier during a form submit.	boolean	true	null	no	serverUnvalidated
Enable Document Catalog	Indicates if the Document Catalog is enabled for the component.	boolean	true	admin	no	enableDocumentCatalog

Item Styles

Extends	A reference to another component that creates a different instance of that component at runtime.	jrad:componentRef	null	null	no	extends
Inline Attachment Enabled	Indicates whether inline attachment capability is enabled or not.	boolean	(Default)	admin	no	inlineAttachmentEnabled
Link Text	The Text for the attachment link.	string	View	null	true	text
Long Tip Region	The fully-qualified reference to the long tip region.	jrad:refName	null	admin	no	longTipRegion
Prompt	The Prompt for the attachment link.	string	Attachments	user	true	prompt
Render Search Region	Indicates if the search region is rendered.	boolean	true	null	no	searchRegionRendered
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Scope	The Base Packages which are allowed to reuse this component.	jrad:scope	.	null	no	scope
Tip Message Appl Short Name	The application short name that owns the tip message.	string	null	admin	no	tipMessageAppShortName
Tip Message Name	The name of the tip message.	string	null	admin	no	tipMessageName
Tip Type	The type of tip. The legal values are dateFormat, longMessage, shortTip, and none.	string	none	admin	no	tipType
View Instance	The name of the view object instance.	string	null	null	no	viewName
Virus Scan Enabled	Indicates if Virus Scan is enabled on file attachments.	boolean	false	admin	no	virusScanEnabled
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

Element Children

Name	Quantity	Description
entityMappings	1	Defines the entity and item relationships.

entityMap

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Attribute Set	The attribute set for the component.	jr:attributeSetRef	null	null	no	use
Comments	Comments.	string	null	null	no	comment
Delete Allowed	Indicates if the user can delete attachments from the current object.	boolean	true	null	no	deleteAllowed
Entity	The name of the attachment entity which defines the primary key relationships.	string	null	null	no	entityId
Insert Allowed	Indicates if new attachments can be created for this entity.	boolean	true	null	no	insertAllowed
Show All	Indicates if the user can view any attachment for the current object, regardless of category.	boolean	false	null	no	showAll
Update Allowed	Indicates if the user can edit the attachment content.	boolean	true	null	no	updateAllowed

Element Children

Name	Quantity	Description
categoryMappings	0 through 1	Defines the entity and category relationships.
primaryKeys	0 through 1	Defines the primary keys.

categoryMap

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Attribute Set	The attribute set for the component.	jrads:attributeSetRef	null	null	no	use
Category	The attachment category name.	string	null	null	no	categoryName
Comments	Comments.	string	null	null	no	comment
Secured	Indicates if the object is secured by grants model.	boolean	false	admin	no	secured

primaryKey

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Attribute Set	The attribute set for the component.	jrads:attributeSetRef	null	null	no	use
Comments	Comments.	string	null	null	no	comment
View Attribute	The name of the view attribute.	string	null	null	no	viewAttr

attachmentTable

Description

An attachmentTable item style is used to display attachments in regions that typically show just one row in a view, such as header and flow layout.

attachmentTable is an extension of header. All attributes supported by header are inherited by attachmentTable. See [header](#) for additional information about the header element.

Corresponding web bean: OAAttachmentTableBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	true	no	adminCustomizable
Attribute Set	The attribute set for the component.	jr:attributeSetRef	null	null	no	use
Automatic Save	Indicates if automatic save is enabled.	boolean	false	null	no	autoCommitEnabled
Comments	Comments	string	null	null	no	comment
Copy Attachment Enabled	Indicates if Copying is enabled on file attachments.	boolean	false	admin	no	copyAttachmentEnabled
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Disable Client Side Validation	Indicates if validation should not	boolean	true	null	no	unvalidated

Item Styles

	occur on the web tier during a form submit.					
Disable Server Side Validation	Indicates if validation should not occur on the business tier during a form submit.	boolean	true	null	no	serverUnvalidated
Enable Document Catalog	Indicates if the Document Catalog is enabled for the component.	boolean	true	admin	no	enableDocumentCatalog
Enable Oracle Files	Indicates if attachments will be stored in Oracle Files.	boolean	true	null	no	oracleFilesEnabled
Extends	A reference to another component that creates a different instance of that component at runtime.	jrad:componentRef	null	null	no	extends
Help Target Appl Short Name	This application will be used to construct URI of the "help" icon in the global menu of the page. This makes the help pages from the other applications referenceable.	string	null	admin	no	helpTargetAppShortName
Icon URI	The URI for	string	null	admin	no	icon

	the icon file.					
Inline Attachment Enabled	Indicates whether inline attachment capability is enabled or not.	boolean	(Default)	admin	no	inlineAttachmentEnabled
Personalization Label	The region label used for Personalization.	string	null	null	no	regionName
Post Initial Values	Indicates if rows which are made dirty only by the defaulting of Initial Values are to be posted.	boolean	false	admin	no	postDefault
Record History Enabled	Indicates if Record History feature is enabled for this option.	boolean	false	admin	no	recordHistoryEnabled
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Render Search Region	Indicates if the search region is rendered.	boolean	true	null	no	searchRegionRendered
Text	The text label for the component.	string	null	admin	yes	text
View Instance	The name of the view object instance.	string	null	null	no	viewName
Virus Scan Enabled	Indicates if Virus Scan is enabled on file attachments	boolean	false	admin	no	virusScanEnabled

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Element Children

Name	Quantity	Description
entityMappings	1	Defines the entity and item relationships.

entityMap

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Approval Function Name	Function Name for the approval process.	string	null	null	no	approvalFunctionName
Approval View Attribute	View Attribute to determine if approval process is required.	string	null	null	no	approvalViewAttr
Attribute Set	The attribute set for the component.	jr:attributeSetRef	null	null	no	use
Comments	Comments.	string	null	null	no	comment
Delete Allowed	Indicates if the user can delete attachments from the current object.	boolean	true	null	no	deleteAllowed
Entity	The name of the attachment entity which defines the primary key relationships.	string	null	null	no	entityId
Insert Allowed	Indicates if new	boolean	true	null	no	insertAllowed

	attachments can be created for this entity.					
Show All	Indicates if the user can view any attachment for the current object, regardless of category.	boolean	false	null	no	showAll
Update Allowed	Indicates if the user can edit the attachment content.	boolean	true	null	no	updateAllowed

Element Children

Name	Quantity	Description
categoryMappings	0 through 1	Defines the entity and category relationships.
primaryKeys	0 through 1	Defines the primary keys.

categoryMap

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Attribute Set	The attribute set for the component.	jrads:attributeSetRef	null	null	no	use
Category	The attachment category name.	string	null	null	no	categoryName
Comments	Comments.	string	null	null	no	comment
Secured	Indicates if the object is secured by grants model.	boolean	false	admin	no	secured

primaryKey

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Attribute Set	The attribute set for the component.	jrads:attributeSetRef	null	null	no	use
Comments	Comments.	string	null	null	no	comment
View Attribute	The name of the view attribute.	string	null	null	no	viewAttr

button

Description

A button item style creates a push button, which allows the user to trigger some action in response to a click. The button fires an "onclick" event when it is activated. Buttons will not render any child nodes.

Corresponding web bean: OAButtonBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Access Key	The character used for quick keyboard navigation or activation.	string	null	admin	no	accessKey
Action Type	The action type to fire for the component. It should be either "fireAction", "firePartialAction" or "none."	string	none	null	no	primaryClientAction
Additional Text	Additional help text.	string	null	admin	yes	shortDesc
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Attribute Set	The attribute set for the component.	jr:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Data Type	The type of data. The legal values are VARCHAR2, DATE, DATETIME, BIGDECIMAL, NUMBER, BOOLEAN, and CLOB.	string	VARCHAR2	null	no	dataType
Destination Function	The function to invoke.	string	null	admin	no	invokeFunc
Destination URI	The destination URI.	uriReference	null	null	no	destination

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Disable Server Side Validation	Indicates if validation should not occur on the business tier during a form submit.	boolean	false	null	no	serverUnvalidated
Disabled	Indicates if the element is disabled.	boolean	null	null	no	disabled
Document Name	The name of the component	jrads:refName	null	null	no	docName
Export View Attribute	The alternate view attribute for use when exporting.	string	null	admin	no	exportByViewAttr
Extends	A reference to another component that creates a different instance of that component at runtime.	jrads:componentRef	null	null	no	extends
Horizontal Alignment	Horizontal alignment. The legal values are center, left, right, start, and end .	string	start	null	no	hAlign
Icon Position	Position of the icon relative to the button text.	string	start	null	no	iconPosition
Icon URI	The URI for the icon file.	string	null	admin	no	icon
ID	The unique name of this component.	Name	null	null	no	id
Popup Enabled	Indicates whether the pop-up is enabled.	boolean	false	admin	no	popupEnabled
Popup ID	The unique name of the pop-up.	string	null	admin	no	popupId
Popup Render Event	Indicates on what action type the event is to be rendered for the pop-up.	string	onClick	admin	no	popupRenderEvent
Prompt	The text label for the component.	string	null	admin	true	prompt
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Scope	The Base Packages which are allowed to reuse this component.	jrads:scope	.	null	no	scope
Target Frame	The name of the target frame for the link.	string	null	admin	yes	targetFrame
View Attribute	The name of the view attribute.	string	null	null	no	viewAttr

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
View Instance	The name of the view object instance.	string	null	null	no	viewName
Warn About Changes	Warns the user if there are pending changes that will be lost, and allows them to cancel the current action or discard the changes and continue with the current action.	boolean	true	null	no	warnAboutChanges
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

exportButton

Description

The exportButton item style is used to export the displayed data of either a region or all regions on a page to a comma separated value (csv) file. Only the beans that are rendered will be exported. Each region on the exported file will have a row of column names followed by the results.

In Windows, clicking on the export button will open a dialog that asks you to either open or save the exported file. You could view the Excel file either by opening it directly or saving and then opening it.

exportButton can be used as follows:

- Exporting the data of all regions on a page.

To do this, create a contentFooter region under the pageLayout region of that specific page. Then add an "Export Button" to the contentFooter region. If more than one button needs to be added to the contentFooter, then they should be put under a flowLayout region, which should then be added to the contentFooter.

- Exporting data of a specific region on a page.

To do this, create an "Export Button" under the region whose data you want to export. Then, in the container object, position this export button and set a view usage name for this export button. The data of this VO will be exported.

Corresponding web bean: OAExportBean

Properties

oa:exportButton extends oa:submitButton and inherits all the properties from it. Please refer to the [submitButton](#) section for more information on all submitButton properties.

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Additional Text	Additional help text.	string	null	admin	yes	shortDesc
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Attribute Set	The attribute set for the component.	jrads:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Disable Client Side Validation	Indicates if validation should not occur on the web tier during a form submit.	boolean	false	null	no	unvalidated
Disable Server Side Validation	Indicates if validation should not occur on the business tier during a form submit.	boolean	false	null	no	serverUnvalidated
Disabled	Indicates if the element is disabled.	boolean	false	null	no	disabled
Export All Rows	Indicates if all rows will be exported, ignoring the maximum fetch size.	boolean	false	null	no	exportAllRows
Extends	A reference to another component that creates a different instance of that component at runtime.	jrads:componentRef	null	null	no	extends
Horizontal Alignment	Horizontal alignment. The legal values are center, left, right, start, and end.	string	start	null	no	hAlign
No Wrap	Indicates if cell contents should be wrapped.	boolean	false	null	no	cellNoWrapFormat
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Text	The text label for the component.	string	null	admin	yes	text
View Instance	The name of the view object instance.	string	null	null	no	viewName

flex

Description

There are two types or styles of flex item styles: descriptive flex field and key flex field.

Descriptive flex fields provide customizable "expansion space" which can be used to track additional information, important and unique to a customer's business, which would not otherwise be captured by the form. For example, it can be a placeholder for additional information or a link to another web page.

Key flex fields are "intelligent keys" made up of meaningful segments identifying such business entities as general ledger accounts, part numbers, etc.

Corresponding web beans: OADescriptiveFlexBean, OAKeyFlexBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Additional Text	Additional help text.	string	null	admin	yes	shortDesc
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Appl Short Name	The application short name that owns the Flexfield.	string	null	null	no	flexFieldAppShortName
Attribute Set	The attribute set for the component.	jrad:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Display Context Field	Indicates if the context field is displayed.	boolean	true	null	no	displayContextField
Document	The name of the	jrad:refName	null	null	no	docName

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Name	component					
Extends	A reference to another component that creates a different instance of that component at runtime.	jrad:componentRef	null	null	no	extends
Name	The name of the Flexfield.	string	null	null	no	flexName
Prompt	The text label for the flexfield, used in the personalization window.	string	null	admin	true	prompt
Read Only	Indicates if the value can be changed.	boolean	false	admin	no	readOnly
Render as Popup	Render the descriptive flex field as a popup.	boolean	false	user	no	renderedAsPopup
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Scope	The Base Packages which are allowed to reuse this component.	jrad:scope	.	null	no	scope
Segment List	The limited list of flexfield segments.	string	null	admin	no	segmentList
Type	The type of the Flexfield. The legal values are key , and descriptive .	string	descriptive	null	no	flexStyle
User Personalization	Indicates if a user can personalize this component.	boolean	false	admin	no	userCustomizable
View Instance	The name of the view object instance.	string	null	null	no	viewName

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

Element Children

Name	Quantity	Description
flexMaps	1	Defines the external references for a flexfield.

flexMap

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Attribute Set	The attribute set for the component.	jr:attributeSetRef	null	null	no	use
Comments	Comments.	string	null	null	no	comment
Name	Specify the name.	string	null	null	no	name
Reference Value	Value to be set on the named parameter.	string	null	null	no	referenceValue
Refers Context	Indicates whether the value refers to the context field.	boolean	false	null	no	refersContext

formParameter

Description

The formParameter item style serves as a placeholder for submission parameters. It differs from formValue in two important ways. First, formParameter does not support a "value" attribute. Instead, the value is set only at form submission time. Second, a formParameter with a given name can be added repeatedly to a form without ill effects; only one instance will appear. This is markedly different from the formValue, where reuse causes the same value to appear multiple times in the form submission.

Corresponding web bean: OAFormParameterBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Attribute Set	The attribute set for the component.	jrads:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
Document Name	The name of the component	jrads:refName	null	null	no	docName
Extends	A reference to another component that creates a different instance of that component at runtime.	jrads:componentRef	null	null	no	extends
ID	The unique name of this component.	Name	null	null	no	id
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Scope	The Base Packages which are allowed to reuse this component.	jrads:scope	.	null	no	scope
Security	Defines the security	string	stand	null	no	securityMode

Item Styles

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Mode	mode used to secure the region. If set to selfSecured it is the developer's responsibility to handle security validation. The legal values are standard , and selfSecured .		ard			
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

formattedText

Description

The formattedText item style accepts a string in its "text" attribute containing a very limited set of HTML markup and outputs formatted results. It is not intended as anything near to a generic HTML output engine, and will never be such. Developers needing this functionality must use the rawText bean. For example, this bean does not support the use of HTML tables or HTML links, so developers needing those should either use the tableLayout and link beans or use just the rawText bean.

What this bean does provide is a limited ability to use a single source for translated or user-provided formatted text without further parsing or filtering or dangerous constructs (e.g., Javascript), and with some hope of successful output to non-HTML displays. It also supports more attributes than the rawText bean; for example, it supports styleClass.

This component supports the following HTML markup:

-

- <hr>
- ,,
- <p>
-
- <i>
- <tt>
- <big>
- <small>
- <pre>
-
- <a>

and the following entities:

- <
- >
- &
- ®
- ©
- "

In addition, the CSS attributes ("class" and "style") and "href" are supported; all others are ignored. Other elements or entities will be ignored.

Corresponding web bean: OAFormattedTextBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Additional Text	Additional help text.	string	null	admin	yes	shortDesc
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Attribute Set	The attribute set for the component.	jrads:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Data Type	The type of data. The legal values are VARCHAR2, DATE, DATETIME, BIGDECIMAL, NUMBER, BOOLEAN, and CLOB.	string	VARCHAR2	null	no	dataType
Document Name	The name of the component	jrads:refName	null	null	no	docName
Export View Attribute	The alternate view attribute for use when exporting.	string	null	admin	no	exportByViewAttr
Extends	A reference to another component that creates a different instance of that component at runtime.	jrads:componentRef	null	null	no	extends
ID	The unique name of this component.	Name	null	null	no	id
Initial Sort Sequence	Indicates the initial sort sequence for each search. The legal values are none, first, second, and third .	string	none	null	no	initSortSeq
Label	The label for the component.	string	null	admin	no	labelTitle
No Wrap	Indicates if cell contents should be wrapped.	boolean	false	null	no	cellNoWrapFormat
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Scope	The Base Packages which are allowed to reuse this component.	jrads:scope	.	null	no	scope

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Search Allowed	Indicates if the item will be shown in the search panels.	boolean	false	admin	no	queryable
Sort Allowed	Indicates if the user can sort this column. The legal values are yes , no , ascending , and descending .	string Also supports Expression Language (EL) syntax.	no	admin	no	sortState
Sort By View Attribute	The alternate view attribute name for use when sorting.	string	null	null	no	sortByView Attr
Text	The text label for the component.	string	null	admin	yes	text
Total Value	Indicates if an additional field should be displayed to show the total of this column.	boolean	false	user	no	totalValue
User Personalization	Indicates if a user can personalize this component.	boolean	false	admin	no	userCustomizable
View Attribute	The name of the view attribute.	string	null	null	no	viewAttr
View Instance	The name of the view object instance.	string	null	null	no	viewName
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

formValue

Description

The formValue item style adds a value that will be submitted with a form, but not displayed to the user. The value submitted with the form comes from the associated formValue element attributes "viewName" and "viewAttr". The inherited UX attribute, "value", is used only if there are no associated viewName/viewAttr attributes.

Corresponding web bean: OAFFormValueBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Attribute Set	The attribute set for the component.	jrads:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
Data Type	The type of data. The legal values are VARCHAR2, DATE, DATETIME, BIGDECIMAL, NUMBER, BOOLEAN, and CLOB.	string	VARCHAR2	null	no	dataType
Document Name	The name of the component	jrads:refName	null	null	no	docName
Encrypt	Indicates if the contents is encrypted in the HTML source.	boolean	false	null	no	encrypted
Extends	A reference to another component that creates a different instance of that component at runtime.	jrads:componentRef	null	null	no	extends
ID	The unique name of this component.	Name	null	null	no	id
Prompt	The text label for the component.	string	null	admin	true	prompt
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Scope	The Base Packages which are allowed to reuse this component.	jrad:scope	.	null	no	scope
Search Allowed	Indicates if the item will be shown in the search panels.	boolean	false	null	no	queryable
Security Mode	Defines the security mode used to secure the region. If set to selfSecured it is the developer's responsibility to handle security validation. The legal values are standard , and selfSecured .	string	standard	null	no	securityMode
Selective Search Criteria	Indicates if the item is part of a group of items, one of which must be included in the search.	boolean	false	admin	no	selectiveSearchCriteria
User Personalization	Indicates if a user can personalize this component.	boolean	false	admin	no	userCustomizable
View Attribute	The name of the view attribute.	string	null	null	no	viewAttr
View Instance	The name of the view object instance.	string	null	null	no	viewName
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

image

Description

The image item style creates an HTML image tag.

Corresponding web bean: OAIImageBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Access Key	The character used for quick keyboard navigation or activation.	string	null	admin	no	accessKey
Action Type	The action type to fire for the component. It should be either "fireAction" or "none."	string	none	null	no	primaryClientAction
Additional Text	Additional help text.	string	null	admin	true	shortDesc
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Attribute Set	The attribute set for the component.	jrads:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Data Type	The type of data. The legal values are VARCHAR2, DATE, DATETIME, BIGDECIMAL, NUMBER, BOOLEAN, and CLOB.	string	VARCHAR2	null	no	dataType
Destination Function	The function to invoke.	string	null	admin	no	invokeFunc
Destination URI	The destination URI.	uriReference	null	null	no	destination
Disable Server Side	Indicates if validation should not occur on the business tier during a form submit.	boolean	false	null	no	serverUnvalidated

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Validation						
Document Name	The name of the component	jrad:refName	null	null	no	docName
Export View Attribute	The alternate view attribute for use when exporting.	string	null	admin	no	exportByViewAttr
Extends	A reference to another component that creates a different instance of that component at runtime.	jrad:componentRef	null	null	no	extends
Height	Indicates the height in pixels or as a percentage (if % sign included).	ui:stringExpressionType	null	null	no	imageHeight
ID	The unique name of this component.	Name	null	null	no	id
Image URI	The URI for the image file.	uriReference	null	null	no	source
Initial Sort Sequence	Indicates the initial sort sequence for each search. The legal values are none , first , second , and third .	string	none	null	no	initSortSeq
No Wrap	Indicates if cell contents should be wrapped.	boolean	false	null	no	cellNoWrapFormat
Popup Enabled	Indicates whether the pop-up is enabled.	boolean	false	admin	no	popupEnabled
Popup ID	The unique name of the pop-up.	string	null	admin	no	popupId
Popup Render Event	Indicates on what action type the event is to be rendered for the pop-up.	string	onClick	admin	no	popupRenderEvent
Prompt	The text label for the component.	string	null	admin	true	prompt
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Scope	The Base Packages which are allowed to reuse this component.	jrad:scope	.	null	no	scope
Sort Allowed	Indicates if the user can sort this column. The legal values are yes , no , ascending , and descending .	string Also supports Expression Language	no	admin	no	sortState

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
		(EL) syntax.				
Sort By View Attribute	The alternate view attribute name for use when sorting.	string	null	null	no	sortByViewAttr
User Personalization	Indicates if a user can personalize this component.	boolean	false	admin	no	userCustomizable
View Attribute	The name of the view attribute.	string	null	null	no	viewAttr
View Instance	The name of the view object instance.	string	null	null	no	viewName
Warn About Changes	Warns the user if there are pending changes that will be lost, and allows them to cancel the current action or discard the changes and continue with the current action.	boolean	true	null	no	warnAboutChanges
Width	On SpacerBean: Indicates the width in pixels. On others: Indicates the width in pixels or as a percentage (if % sign included).	ui:stringExpressionType	null	null	no	imageWidth
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

link

Description

The link item style creates an HTML link tag.

Corresponding web bean: OALinkBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Access Key	The character used for quick keyboard navigation or activation.	string	null	admin	no	accessKey
Action Type	The action type to fire for the component. It should be either "fireAction", "firePartialAction" or "none."	string	none	null	no	primaryClientAction
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Attribute Set	The attribute set for the component.	jrads:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Destination Function	The function to invoke.	string	null	admin	no	invokeFunc
Destination URI	The destination	uriReference	null	null	no	destination

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
	URI.					
Disable Server Side Validation	Indicates if validation should not occur on the business tier during a form submit.	boolean	false	null	no	serverUnvalidated
Document Name	The name of the component	jrad:refName	null	null	no	docName
Extends	A reference to another component that creates a different instance of that component at runtime.	jrad:componentRef	null	null	no	extends
ID	The unique name of this component.	Name	null	null	no	id
Icon URI	The URI for the icon file.	string	null	admin	no	icon
Popup Enabled	Indicates whether the pop-up is enabled.	boolean	false	admin	no	popupEnabled
Popup ID	The unique name of the pop-up.	string	null	admin	no	popupId
Popup Render Event	Indicates on what action type the event is to be rendered for the pop-up.	string	onClick	admin	no	popupRenderEvent
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Scope	The Base Packages which are	jrad:scope	.	null	no	scope

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
	allowed to reuse this component.					
Target Frame	The name of the target frame for the link.	string	null	admin	yes	targetFrame
Text	The text label for the component.	string	null	admin	yes	text
User Personalization	Indicates if a user can personalize this component.	boolean	false	admin	no	userCustomizable
View Attribute	The name of the view attribute.	string	null	null	no	viewAttr
View Instance	The name of the view object instance.	string	null	null	no	viewName
Warn About Changes	Warns the user if there are pending changes that will be lost, and allows them to cancel the current action or discard the changes and continue with the current action.	boolean	true	null	no	warnAboutChanges
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

list

Description

The list item style creates a control which allows the user to select one or more values from a list of items. The list control contains any number of option elements, each of which represents an available option that the user may select.

Corresponding web bean: OAListBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Additional Text	Additional help text.	string	null	admin	yes	shortDesc
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Attribute Set	The attribute set for the component.	jrads:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Data Type	The type of data. The legal values are VARCHAR2, DATE, DATETIME, BIGDECIMAL, NUMBER, BOOLEAN, and CLOB.	string	VARCHAR2	null	no	dataType
Disabled	Indicates if the element is disabled.	boolean	false	null	no	disabled
Document Name	The name of the component	jrads:refName	null	null	no	docName
Export View Attribute	The alternate view attribute for use when exporting.	string	null	admin	no	exportByViewAttr
Extends	A reference to another component that creates a	jrads:componentRef	null	null	no	extends

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
	different instance of that component at runtime.					
ID	The unique name of this component.	Name	null	null	no	id
List Height	The display height in characters.	unsignedInt	null	null	no	size
Multi-Select Allowed	Indicates if the list allows multiple selections.	boolean	false	null	no	multiple
No Wrap	Indicates if cell contents should be wrapped.	boolean	false	null	no	cellNoWrapFormat
Picklist Description Attribute	The view attribute that serves as the description of choices.	string	null	null	no	pickListViewDescription
Picklist Display Attribute	The view attribute that serves as the displayed value of choices.	string	null	null	no	pickListDisplayAttr
Picklist Value Attribute	The view attribute that serves as the internal value of choices.	string	null	null	no	pickListValueAttr
Picklist View Definition	The fully-qualified view object name for the picklist, cached at the JVM level.	string	null	null	no	pickListViewDef
Picklist View Instance	The view instance name for the picklist.	string	null	null	no	pickListViewName
Read Only	Indicates if the value can be changed.	boolean	false	admin	no	readOnly
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Scope	The Base Packages which are allowed to reuse this component.	jrads:scope	.	null	no	scope
Security Mode	Defines the security mode used to secure the region. If set to selfSecured it is the developer's responsibility to handle security validation. The legal values are	string	standard	null	no	securityMode

Item Styles

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
	standard , and selfSecured .					
View Attribute	The name of the view attribute.	string	null	null	no	viewAttr
View Instance	The name of the view object instance.	string	null	null	no	viewName
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

messageCheckBox

Description

The messageCheckBox item style is a combination of the checkBox and inlineMessage controls.

Corresponding web bean: OAMessageCheckBoxBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Access Key	The character used for quick keyboard navigation or activation.	string	null	admin	no	accessKey
Action Type	The action type to fire for the component. It should be either "fireAction", "firePartialAction" or "none."	string	none	null	no	primaryClientAction
Additional Text	Additional help text.	string	null	admin	yes	shortDesc
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Attribute Set	The attribute set for the component.	jr:attributeSetRef	null	null	no	use
Checked Value	The value when checked.	string	null	null	no	checkedValue
Comments	Comments	string	null	null	no	comment
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Data Type	The type of data. The legal values are VARCHAR2, DATE, DATETIME, BIGDECIMAL, NUMBER, BOOLEAN, and CLOB.	string	VARCHAR2	null	no	dataType
Destination	The function to invoke.	string	null	admin	no	invokeFunc

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Function						
Disable Server Side Validation	Indicates if validation should not occur on the business tier during a form submit.	boolean	false	null	no	serverUnvalidated
Disabled	Indicates if the element is disabled.	boolean	false	null	no	disabled
Document Name	The name of the component	jrads:refName	null	null	no	docName
Export View Attribute	The alternate view attribute for use when exporting.	string	null	admin	no	exportByViewAttr
Extends	A reference to another component that creates a different instance of that component at runtime.	jrads:componentRef	null	null	no	extends
ID	The unique name of this component.	Name	null	null	no	id
Initial Sort Sequence	Indicates the initial sort sequence for each search. The legal values are none , first , second , and third .	string	none	null	no	initSortSeq
Initial Value	The initial (default) value of the item.	string	null	admin	no	defaultValue
Initially Checked	The initial (default) state of the item.	boolean	null	null	no	checked
Long Tip Region	The fully-qualified reference to the long tip region.	jrads:refName	null	admin	no	longTipRegion
No Wrap	Indicates if cell contents should be wrapped.	boolean	false	null	no	cellNoWrapFormat
Prompt	The text label for the component.	string	null	admin	yes	prompt
Read Only	Indicates if the value can be changed.	boolean	false	admin	no	readOnly
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Required	Indicates if the user must enter a value and how that appears to the user. Three values are allowed: "yes", "no", and "default".	ui:required	no	admin	no	required

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Scope	The Base Packages which are allowed to reuse this component.	jrad:scope	.	null	no	scope
Search Allowed	Indicates if the item will be shown in the search panels.	boolean	false	admin	no	queryable
Selective Search Criteria	Indicates if the item is part of a group of items, one of which must be included in the search.	boolean	false	admin	no	selectiveSearchCriteria
Sort Allowed	Indicates if the user can sort this column. The legal values are yes , no , ascending , and descending .	string Also supports Expression Language (EL) syntax.	no	admin	no	sortState
Sort By View Attribute	The alternate view attribute name for use when sorting.	string	null	null	no	sortByViewAttr
Tip Message Appl Short Name	The application short name that owns the tip message.	string	null	admin	no	tipMessageAppShortName
Tip Message Name	The name of the tip message.	string	null	admin	no	tipMessageName
Tip Type	The type of tip. The legal values are dateFormat , longMessage , shortTip , and none .	string	none	admin	no	tipType
Unchecked Value	The value when unchecked.	string	null	null	no	uncheckedValue
User Personalization	Indicates if a user can personalize this component.	boolean	false	admin	no	userCustomizable
Vertical Alignment	Vertical alignment. Acceptable values are "middle", "top", and "bottom".	string	null	null	no	vAlign
View Attribute	The name of the view attribute.	string	null	null	no	viewAttr
View Instance	The name of the view object instance.	string	null	null	no	viewName

Item Styles

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Warn About Changes	Warns the user if there are pending changes that will be lost, and allows them to cancel the current action or discard the changes and continue with the current action.	boolean	true	null	no	warnAboutChanges
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

messageChoice

Description

The messageChoice item style is a combination of the choice and inlineMessage controls.

Corresponding web bean: OAMessageChoiceBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Access Key	The character used for quick keyboard navigation or activation.	string	null	admin	no	accessKey
Action Type	The action type to fire for the component. It should be either "fireAction", "firePartialAction" or "none."	string	none	null	no	primaryClientAction
Add Blank Value	Adds an empty value to the choice list if it is not Required	boolean	true	admin	no	allowBlankValue
Additional Text	Additional help text.	string	null	admin	yes	shortDesc
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Attribute Set	The attribute set for the component.	jr:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Data Type	The type of data. The legal values are VARCHAR2, DATE, DATETIME, BIGDECIMAL, NUMBER, BOOLEAN, and CLOB.	string	VARCHAR2	null	no	dataType
Destination Function	The function to invoke.	string	null	admin	no	invokeFunc
Disable	Indicates if validation should	boolean	false	null	no	serverUnvalidation

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Server Side Validation	not occur on the business tier during a form submit.					ed
Disabled	Indicates if the element is disabled.	boolean	false	null	no	disabled
Document Name	The name of the component	jrad:refName	null	null	no	docName
Export View Attribute	The alternate view attribute for use when exporting.	string	null	admin	no	exportByViewAttr
Extends	A reference to another component that creates a different instance of that component at runtime.	jrad:componentRef	null	null	no	extends
ID	The unique name of this component.	Name	null	null	no	id
Initial Sort Sequence	Indicates the initial sort sequence for each search. The legal values are none , first , second , and third .	string	none	null	no	initSortSeq
Initial Value	The initial (default) value of the item.	string	null	admin	no	defaultValue
Long Tip Region	The fully-qualified reference to the long tip region.	jrad:refName	null	admin	no	longTipRegion
No Wrap	Indicates if cell contents should be wrapped.	boolean	false	null	no	cellNoWrapFormat
Picklist Display Attribute	The view attribute that serves as the displayed value of choices.	string	null	null	no	pickListDispAttr
Picklist Value Attribute	The view attribute that serves as the internal value of choices.	string	null	null	no	pickListValAttr
Picklist View Definition	The fully-qualified view object name for the picklist, cached at the JVM level.	string	null	null	no	pickListViewDef
Picklist View Instance	The view instance name for the picklist.	string	null	null	no	pickListViewName
Prompt	The text label for the component.	string	null	admin	yes	prompt
Read	Indicates if the value can be	boolean	false	admin	no	readOnly

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Only	changed.					
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Required	Indicates if the user must enter a value and how that appears to the user. Two values are allowed: "yes", "no".	string	no	admin	no	required
Scope	The Base Packages which are allowed to reuse this component.	jrads:scope	.	null	no	scope
Search Allowed	Indicates if the item will be shown in the search panels.	boolean	false	admin	no	queryable
Security Mode	Defines the security mode used to secure the region. If set to selfSecured it is the developer's responsibility to handle security validation. The legal values are standard , and selfSecured .	string	standard	null	no	securityMode
Selective Search Criteria	Indicates if the item is part of a group of items, one of which must be included in the search.	boolean	false	admin	no	selectiveSearchCriteria
Sort Allowed	Indicates if the user can sort this column. The legal values are yes , no , ascending , and descending .	string Also supports Expression Language (EL) syntax.	no	admin	no	sortState
Sort By View Attribute	The alternate view attribute name for use when sorting.	string	null	null	no	sortByViewAttr
Tip Message Appl Short Name	The application short name that owns the tip message.	string	null	admin	no	tipMessageAppShortName
Tip Message Name	The name of the tip message.	string	null	admin	no	tipMessageName
Tip Type	The type of tip. The legal values are	string	none	admin	no	tipType

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
	dateFormat , longMessage , shortTip , and none .					
Total Value	Indicates if an additional field should be displayed to show the total of this column.	boolean	false	user	no	totalValue
User Personalization	Indicates if a user can personalize this component.	boolean	false	admin	no	userCustomizable
Vertical Alignment	Vertical alignment. Acceptable values are "middle", "top", and "bottom".	string	null	null	no	vAlign
View Attribute	The name of the view attribute.	string	null	null	no	viewAttr
View Instance	The name of the view object instance.	string	null	null	no	viewName
Warn About Changes	Warns the user if there are pending changes that will be lost, and allows them to cancel the current action or discard the changes and continue with the current action.	boolean	true	null	no	warnAboutChanges
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

messageDownload

Description

The messageDownload item style enables downloading of a file from the middle tier to a client machine. The messageDownload component appears as linked text on a page.

The messageDownload item style extends messageStyledText. Please refer to the [messageStyledText](#) section for more information on all messageDownload properties.

Corresponding web bean: OAMessageDownloadBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Access Key	The character used for quick keyboard navigation or activation.	string	null	admin	no	accessKey
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Attribute Set	The attribute set for the component.	jr:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
Data Type	The type of data. The legal values are VARCHAR2, DATE, DATETIME, BIGDECIMAL, NUMBER, BOOLEAN, CLOB, and BLOB.	string	VARCHAR2	null	no	dataType
Destination Function	The function to invoke.	string	null	admin	no	invokeFunc
Document Name	The name of the component	jr:refName	null	null	no	docName
Export View Attribute	The alternate view attribute for use when exporting.	string	null	admin	no	exportByViewAttr
Extends	A reference to another component that creates a different instance of that	jr:componentRef	null	null	no	extends

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
	component at runtime.					
File MIME Type	The MIME type of the File.	string	null	null	no	fileContentType
File Name Override	The File Name to use instead of the view attribute text when saving the file.	string	null	null	no	downloadFileName
File View Attribute	The view attribute for the file content.	string	null	null	no	contentViewAttributeName
Height	The display height of the Search item in characters.	unsignedInt	null	null	no	rows
Initial Sort Sequence	Indicates the initial sort sequence for each search. The legal values are none , first , second , and third .	string	none	null	no	initSortSeq
Long Tip Region	The fully-qualified reference to the long tip region.	jrad:refName	null	admin	no	longTipRegion
Maximum Length	The number of characters a user can enter as search criteria for this field in a results-based (automatic) search.	unsignedInt Also supports Expression Language (EL) syntax.	null	admin	no	maximumLength
No Wrap	Indicates if cell contents should be wrapped.	boolean	false	null	no	cellNoWrapFormat
Prompt	The text label for the component.	string	null	admin	yes	prompt
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Required	Indicates if the user must enter a value and how that appears to the user. Three values are allowed: "yes", "no", "default".	ui:required	no	admin	no	required
Scope	The Base Packages which are allowed to reuse this component.	jrad:scope	.	null	no	scope
Search Allowed	Indicates if the item will be shown in the search panels.	boolean	false	admin	no	queryable
Selective Search	Indicates if the item is part of a group of items, one of	boolean	false	admin	no	selectiveSearchCriteria

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Criteria	which must be included in the search.					
Sort Allowed	Indicates if the user can sort this column. The legal values are yes , no , ascending , and descending .	string Also supports Expression Language (EL) syntax.	no	admin	no	sortState
Sort By View Attribute	The alternate view attribute name for use when sorting.	string	null	null	no	sortByViewAttr
Tip Message Appl Short Name	The application short name that owns the tip message.	string	null	admin	no	tipMessageAppShortName
Tip Message Name	The name of the tip message.	string	null	admin	no	tipMessageName
Tip Type	The type of tip. The legal values are dateFormat , longMessage , shortTip , and none .	string	none	admin	no	tipType
User Personalization	Indicates if a user can personalize this component.	boolean	false	admin	no	userCustomizable
Vertical Alignment	Vertical alignment.	string	null	null	no	vAlign
View Attribute	The name of the view attribute.	string	null	null	no	viewAttr
View Instance	The name of the view object instance.	string	null	null	no	viewName
Warn About Changes	Warns the user if there are pending changes that will be lost, and allows them to cancel the current action or discard the changes and continue with the current action.	boolean	true	null	no	warnAboutChanges
Width	The display length of the Search item in characters.	unsignedInt	null	null	no	columns

Item Styles

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

messageFileUpload

Description

The messageFileUpload item style is a combination of the fileUpload and inlineMessage controls. The fileUpload control adds a widget that can be used to upload a file. Any form that contains this control must have attribute "usesUpload" set to true.

Corresponding web bean: OAMessageFileUploadBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Access Key	The character used for quick keyboard navigation or activation.	string	null	admin	no	accessKey
Additional Text	Additional help text.	string	null	admin	yes	shortDesc
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Attribute Set	The attribute set for the component.	jrad:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Data Type	The type of data. The legal values are VARCHAR2, DATE, DATETIME, BIGDECIMAL, NUMBER, BOOLEAN, CLOB, and BLOB.	string	VARCHAR2	null	no	dataType
Document Name	The name of the component	jrad:refName	null	null	no	docName
Extends	A reference to another component that creates a different instance of that component at runtime.	jrad:componentRef	null	null	no	extends
ID	The unique name of this component.	Name	null	null	no	id
Length	The display length in	unsignedInt	null	null	no	columns

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
	characters.					
Long Tip Region	The fully-qualified reference to the long tip region.	jrad:refName	null	admin	no	longTipRegion
No Wrap	Indicates if cell contents should be wrapped.	boolean	false	null	no	cellNoWrapFormat
Prompt	The text label for the component.	string	null	admin	yes	prompt
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Required	Indicates if the user must enter a value and how that appears to the user. Three values are allowed: "yes", "no", and "default".	ui:required	no	admin	no	required
Scope	The Base Packages which are allowed to reuse this component.	jrad:scope	.	null	no	scope
Tip Message Appl Short Name	The application short name that owns the tip message.	string	null	admin	no	tipMessageAppShortName
Tip Message Name	The name of the tip message.	string	null	admin	no	tipMessageName
Tip Type	The type of tip. The legal values are dateFormat , longMessage , shortTip , and none .	string	none	admin	no	tipType
User Personalization	Indicates if a user can personalize this component.	boolean	false	admin	no	userCustomizable
Vertical Alignment	Vertical alignment. Acceptable values are "middle", "top", and "bottom".	string	null	null	no	vAlign
View Attribute	The name of the view attribute.	string	null	null	no	viewAttr
View Instance	The name of the view object instance.	string	null	null	no	viewName
Virus Scan Enabled	Indicates if Virus Scan is enabled on file attachments.	boolean	false	admin	no	virusScanEnabled
xml:lang	Identifies the language contained within this	optional	null	null	no	xml:lang

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
	component.					

messageInlineAttachment

Description

The messageInlineAttachment item style is used to display attachments in a message bean.

Corresponding web bean: OAMessageInlineAttachmentBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Attribute Set	The attribute set for the component.	jrad:attributeSetRef	null	null	no	use
Automatic Save	Indicates if automatic save is enabled.	boolean	false	null	no	autoCommitEnabled
Comments	Comments.	string	null	null	no	comment
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Disable Client Side Validation	Indicates if validation should not occur on the web tier during a form submit.	boolean	true	null	no	unvalidated
Disable Server Side Validation	Indicates if validation should not occur on the business tier during a form submit.	boolean	true	null	no	serverUnvalidated
Enable Document Catalog	Indicates if the Document Catalog is enabled for the component.	boolean	true	admin	no	enableDocumentCatalog
Extends	A reference to another component that creates a different instance of that component at runtime.	jrad:componentRef	null	null	no	extends

ID	The unique name of this component.	Name	null	null	no	id
Inline Attachment Enabled	Indicates whether inline attachment capability is enabled or not.	boolean	null	admin	no	inlineAttachmentEnabled
Links Displayed	The number of attachments links displayed inline. Default value is 5 if not defined.	nonNegativeInteger	5	admin	no	numberAttachmentsDisplayed
Long Tip Region	The fully-qualified reference to the long tip region.	jr:refName	null	admin	no	longTipRegion
Prompt	The text label for the component.	string	Attachments	admin	yes	prompt
Render Search Region	Indicates if the search region is rendered.	boolean	true	null	no	searchRegionRendered
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Required	Indicates if the user must enter a value and how that appears to the user. Three values are allowed: "yes", "no", and "default".	ui:required	no	admin	no	required
Tip Message Appl Short Name	The application short name that owns the tip message.	string	null	admin	no	tipMessageAppShortName
Tip Message Name	The name of the tip message.	string	null	admin	no	tipMessageName
Tip Type	The type of tip. The legal values are dateFormat, longMessage, shortTip, and none.	string	none	admin	no	tipType
View Instance	The name of the view object instance.	string	null	null	no	viewName

Element Children

Name	Quantity	Description
entityMappings	1	Defines the entity and item relationships.

entityMap

Item Styles

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Approval Function Name	Function Name for the approval process.	string	null	null	no	approvalFunctionName
Approval View Attribute	View Attribute to determine if approval process is required.	string	null	null	no	approvalViewAttr
Attribute Set	The attribute set for the component.	jrad:attributeSetRef	null	null	no	use
Comments	Comments.	string	null	null	no	comment
Delete Allowed	Indicates if the user can delete attachments from the current object.	boolean	true	null	no	deleteAllowed
Entity	The name of the attachment entity which defines the primary key relationships.	string	null	null	no	entityId
Insert Allowed	Indicates if new attachments can be created for this entity.	boolean	true	null	no	insertAllowed
Show All	Indicates if the user can view any attachment for the current	boolean	false	null	no	showAll

	object, regardless of category.					
Update Allowed	Indicates if the user can edit the attachment content.	boolean	true	null	no	updateAllowed

Element Children

Name	Quantity	Description
categoryMappings	0 through 1	Defines the entity and category relationships.
primaryKeys	0 through 1	Defines the primary keys.

categoryMap

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Attribute Set	The attribute set for the component.	jrad:attributeSetRef	null	null	no	use
Category	The attachment category name.	string	null	null	no	categoryName
Comments	Comments.	string	null	null	no	comment
Secured	Indicates if the object is secured by grants model.	boolean	false	admin	no	secured

primaryKey

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Attribute Set	The attribute set for the component.	jrad:attributeSetRef	null	null	no	use
Comments	Comments.	string	null	null	no	comment
View	The name of	string	null	null	no	viewAttr

Item Styles

Attribute	the view attribute.					
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messageLovChoice

Description

The messageLovChoice item style is a hybrid between a messageLovInput and a messageChoice. Please refer to the [messageLovInput](#) and [messageChoice](#) sections for more information on all messageLovChoice properties.

Corresponding web bean: OAMessageLovChoiceBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Access Key	The character used for quick keyboard navigation or activation.	string	null	admin	no	accessKey
Action Type	The action type to fire for the component. It should be either "fireAction", "firePartialAction" or "none."	string	none	null	no	primaryClientAction
Additional Text	Additional help text.	string	null	admin	yes	shortDesc
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Attribute Set	The attribute set for the component.	jr:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Data Type	The type of data. The legal values are VARCHAR2, DATE, DATETIME, NUMBER, BIGDECIMAL, BOOLEAN, and CLOB.	string	VARCHAR2	null	no	dataType
Destination Function	The function to invoke.	string	null	admin	no	invokeFunc
Disable Validation	Indicates if validation should not occur on the web tier during a	boolean	false	null	no	unvalidated

Item Styles

n	form submit.					
Disabled	Indicates if the element is disabled.	boolean	false	null	no	disabled
Export View Attribute	The alternate view attribute for use when exporting.	string	null	admin	no	exportByViewAttr
External LOV	The name of the external List of Values region.	jr:componentRef	null	null	no	externalListOfValues
Initial Sort Sequence	Indicates the initial sort sequence for each search. The legal values are none, first, second, and third.	string	none	null	no	initSortSeq
Initial Value	The initial (default) value of the item.	string	null	admin	no	defaultValue
List Personalization	Indicates if the user can personalize the LOV Choice list.	boolean	false	null	no	userEditableList
No Wrap	Indicates if cell contents should be wrapped.	boolean	false	null	no	cellNoWrapFormat
Picklist Display Attribute	The view attribute that serves as the displayed value of choices.	string	null	null	no	pickListDisplayAttr
Picklist Value Attribute	The view attribute that serves as the internal value of choices.	string	null	null	no	pickListValAttr
Prompt	The text label for the component.	string	null	admin	yes	prompt
Read Only	Indicates if the value can be changed.	boolean	false	admin	no	readOnly
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Required	Indicates if the user must enter a value and how that appears to the user. Two values are allowed: "yes", "no".	string	no	admin	no	required
Search Allowed	Indicates if the item will be shown in the search panels.	boolean	false	admin	no	queryable
Selective Search Criteria	Indicates if the item is part of a group of items, one of which must be included in the search.	boolean	false	admin	no	selectiveSearchCriteria
Sort Allowed	Indicates if the user can sort this column. The legal values are yes, no, ascending, and descending.	string Also supports Expression	no	admin	no	sortState

		Language (EL) syntax.				
Sort By View Attribute	The alternate view attribute name for use when sorting.	string	null	null	no	sortByViewAttr
Tip Message Appl Short Name	The application short name that owns the tip message.	string	null	admin	no	tipMessageAppShortName
Tip Message Name	The name of the tip message.	string	null	admin	no	tipMessageName
Tip Type	The type of tip. The legal values are dateFormat, longMessage, shortTip, and none.	string	none	admin	no	tipType
Total Value	Indicates if an additional field should be displayed to show the total of this column.	boolean	false	user	no	totalValue
User Personalization	Indicates if a user can personalize this component.	boolean	false	admin	no	userCustomizable
Vertical Alignment	Vertical alignment. Acceptable values are "middle", "top", and "bottom".	string	null	null	no	vAlign
View Attribute	The name of the view attribute.	string	null	null	no	viewAttr
View Instance	The name of the view object instance.	string	null	null	no	viewName
Warn About Changes	Warns the user if there are pending changes that will be lost, and allows them to cancel the current action or discard the changes and continue with the current action.	boolean	true	null	no	warnAboutChanges
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

lovMap

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Attribute	The attribute set	jrads:attributeSet	null	null	no	use

Item Styles

Set	for the component.	Ref				
Comments	Comments.	string	null	null	no	comment
Criteria Item	The ID of the item in the base page that provides the criteria for the LOV.	jrad:localRef	null	null	no	criteriaFrom
LOV Region Item	The name of the item in the List Of Values region.	jrad:localRefString	null	null	no	lovItem
Programmatic Query	Indicates if the Criteria Item value will not be automatically applied to the LOV.	boolean	false	null	no	programmaticQuery
Required	Indicates if the item specified in the Criteria Item property must have a value.	boolean	false	null	no	requiredForLOV
Return Item	The name of the item in the base page that receives the result from the LOV Region Item.	jrad:localRef	null	null	no	resultTo
Use for Validation	Indicates if the return item will always contain a value if a row from the LOV is selected. The legal values are default, yes, and no.	string	default	null	no	useForValidation

messageLovInput

Description

The messageLovInput item style is a combination of the lovInput and inlineMessage controls. Please refer to the [listOfValues](#) section for more information on LOVs.

Note: messageLovInput can have two or more lovMaps created under it, and each of those lovMaps can have the Criteria Item property set. However if you set the Criteria Item property on more than one lovMap, at runtime when the user invokes an LOV, selects a value from the LOV, and then re-invokes it, both the entered criteria are used. In this case, deleting the value from the search item will not enable the user to query all records from the LOV table's view objects.

Corresponding web bean: OAMessageLovInputBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Access Key	The character used for quick keyboard navigation or activation.	string	null	admin	no	accessKey
Additional Text	Additional help text.	string	null	admin	yes	shortDesc
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Attribute Set	The attribute set for the component.	jrad:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Data Type	The type of data. The legal values are VARCHAR2, DATE, DATETIME, NUMBER, BIGDECIMAL, BOOLEAN, and CLOB.	string	VARCHAR2	null	no	dataType
Disable Validation	Indicates if validation should not occur on the web tier during a	boolean	false	null	no	unvalidated

Item Styles

on	form submit.					
Disabled	Indicates if the element is disabled.	boolean	false	null	no	disabled
Document Name	The name of the component	jrad:refName	null	null	no	docName
Export View Attribute	The alternate view attribute for use when exporting.	string	null	admin	no	exportByViewAttr
Extends	A reference to another component that creates a different instance of that component at runtime.	jrad:componentRef	null	null	no	extends
External LOV	The name of the external List of Values region.	jrad:componentRef	null	null	no	externalListOfValues
Height	The display height in characters.	unsignedInt	1	null	no	rows
ID	The unique name of this component.	Name	null	null	no	id
Initial Sort Sequence	Indicates the initial sort sequence for each search. The legal values are none, first, second, and third.	string	none	null	no	initSortSeq
Initial Value	The initial (default) value of the item.	string	null	admin	true	translatableDefaultValue
Length	The display length in characters.	unsignedInt	null	null	no	columns
Long Tip Region	The fully-qualified reference to the long tip region.	jrad:refName	null	admin	no	longTipRegion
Look Ahead Enabled	Whether look-ahead capability is enabled or not.	boolean	null	admin	no	lookAheadEnabled
Look Ahead Records Displayed	Maximum number of records displayed in the look ahead window.	unsignedInt	50	admin	no	lookAheadRecordsDisplayed
Look Ahead Records Visible	The maximum number of records visible to a user in the look ahead window at any point in time.	unsignedInt	10	admin	no	lookAheadRecordsVisible
Look Ahead Search Type	Type of search to be performed.	anySimpleType	starts With	admin	no	lookAheadSearchType

Look Ahead Selection Event Enabled	Whether server-side event to be generated on value selection.	boolean	true	null	no	lookAheadSelectionEventEnabled
Maximum Length	The maximum number of characters per line that can be entered.	unsignedInt Also supports Expression Language (EL) syntax.	null	null	no	maxLength
Minimum Characters For Look Ahead	Minimum number of characters required to initiate look ahead.	unsignedInt	null	admin	no	lookAheadMinChars
No Wrap	Indicates if cell contents should be wrapped.	boolean	false	null	no	cellNoWrapFormat
Prompt	The text label for the component.	string	null	admin	yes	prompt
Read Only	Indicates if the value can be changed.	boolean	false	admin	no	readOnly
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Required	Indicates if the user must enter a value and how that appears to the user. Three values are allowed: "yes", "no", and "validatorOnly".	ui:required	no	admin	no	required
Scope	The Base Packages which are allowed to reuse this component.	jrad:scope	.	null	no	scope
Search Allowed	Indicates if the item will be shown in the search panels.	boolean	false	admin	no	queryable
Selective Search Criteria	Indicates if the item is part of a group of items, one of which must be included in the search.	boolean	false	admin	no	selectiveSearchCriteria
showRequired		boolean	false	null	no	showRequired
Sort Allowed	Indicates if the user can sort this column. The legal values	string	no	admin	no	sortState

Item Styles

	are yes, no, ascending, and descending.	Also supports Expression Language (EL) syntax.				
Sort By View Attribute	The alternate view attribute name for use when sorting.	string	null	null	no	sortByViewAttr
Tip Message Appl Short Name	The application short name that owns the tip message.	string	null	admin	no	tipMessageAppShortName
Tip Message Name	The name of the tip message.	string	null	admin	no	tipMessageName
Tip Type	The type of tip. The legal values are dateFormat, longMessage, shortTip, and none.	string	none	admin	no	tipType
User Personalization	Indicates if a user can personalize this component.	boolean	false	admin	no	userCustomizable
Vertical Alignment	Vertical alignment. Acceptable values are "middle", "top", and "bottom".	string	null	null	no	vAlign
View Attribute	The name of the view attribute.	string	null	null	no	viewAttr
View Instance	The name of the view object instance.	string	null	null	no	viewName
Warn About Changes	Warns the user if there are pending changes that will be lost, and allows them to cancel the current action or discard the changes and continue with the current action.	boolean	true	null	no	warnAboutChanges
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

lovMap

Name	Description	Type	Default	Personalizable	Translatable	XML Attribute
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			It Value	ble	ble	
Attribute Set	The attribute set for the component.	jrad:attributeSetRef	null	null	no	use
Comments	Comments.	string	null	null	no	comment
Criteria Item	The ID of the item in the base page that provides the criteria for the LOV.	jrad:localRef	null	null	no	criteriaFrom
LOV Region Item	The name of the item in the List Of Values region.	jrad:localRefString	null	null	no	lovItem
Programmatic Query	Indicates if the Criteria Item value will not be automatically applied to the LOV.	boolean	false	null	no	programmaticQuery
Required	Indicates if the item specified in the Criteria Item property must have a value.	boolean	false	null	no	requiredForLOV
Return Item	The name of the item in the base page that receives the result from the LOV Region Item.	jrad:localRef	null	null	no	resultTo
Use for Validation	Indicates if the return item will always contain a value if a row from the LOV is selected. The legal values are default, yes, and no.	string	default	null	no	useForValidation

messageRadioButton

Description

The messageRadioButton item style is a combination of the radioButton and inlineMessage controls.

Corresponding web bean: OAMessageRadioButtonBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Access Key	The character used for quick keyboard navigation or activation.	string	null	admin	no	accessKey
Action Type	The action type to fire for the component. It should be either "fireAction", "firePartialAction" or "none."	string	none	null	no	primaryClientAction
Additional Text	Additional help text.	string	null	admin	yes	shortDesc
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Attribute Set	The attribute set for the component.	jr:attributeSetRef	null	null	no	use
Checked Value	The value when checked.	string	null	null	no	checkedValue
Comments	Comments	string	null	null	no	comment
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Data Type	The type of data. The legal values are VARCHAR2, DATE, DATETIME, BIGDECIMAL, NUMBER, BOOLEAN, and CLOB.	string	VARCHAR2	null	no	dataType
Destination Function	The function to invoke.	string	null	admin	no	invokeFunc
Disable	Indicates if validation should	boolean	false	null	no	serverUnvalidat

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Server Side Validation	not occur on the business tier during a form submit.					ed
Disabled	Indicates if the element is disabled.	boolean	false	null	no	disabled
Document Name	The name of the component	jrad:refName	null	null	no	docName
Extends	A reference to another component that creates a different instance of that component at runtime.	jrad:componentRef	null	null	no	extends
Group Name	The name of the Radio Group.	string	null	null	no	name
ID	The unique name of this component.	Name	null	null	no	id
Initial Value	The initial (default) value of the item.	string	null	admin	no	defaultValue
Long Tip Region	The fully-qualified reference to the long tip region.	jrad:refName	null	admin	no	longTipRegion
Prompt	The text label for the component.	string	null	admin	yes	prompt
Read Only	Indicates if the value can be changed.	boolean	false	admin	no	readOnly
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Required	Indicates if the user must enter a value, and how that appears to the user. Three values are allowed: "yes", "no", and "default".	ui:required	no	admin	no	required
Scope	The Base Packages which are allowed to reuse this component.	jrad:scope	.	null	no	scope
Selective Search Criteria	Indicates if the item is part of a group of items, one of which must be included in the search.	boolean	false	admin	no	selectiveSearchCriteria
Tip Message Appl Short Name	The application short name that owns the tip message.	string	null	admin	no	tipMessageAppShortName
Tip	The name of the tip message.	string	null	admin	no	tipMessageNa

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Message Name						me
Tip Type	The type of tip. The legal values are dateFormat , longMessage , shortTip , and none .	string	none	admin	no	tipType
Unchecked Value	The value when unchecked.	string	null	null	no	uncheckedValue
Vertical Alignment	Vertical alignment. Acceptable values are "middle", "top", and "bottom".	string	null	null	no	vAlign
View Attribute	The name of the view attribute.	string	null	null	no	viewAttr
View Instance	The name of the view object instance.	string	null	null	no	viewName
Warn About Changes	Warns the user if there are pending changes that will be lost, and allows them to cancel the current action or discard the changes and continue with the current action.	boolean	true	null	no	warnAboutChanges
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

messageRadioGroup

Description

The messageRadioGroup item style is a combination of the radioGroup and inlineMessage controls.

Corresponding web bean: OAMessageRadioGroupBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Access Key	The character used for quick keyboard navigation or activation.	string	null	admin	no	accessKey
Action Type	The action type to fire for the component. It should be either "fireAction", "firePartialAction" or "none."	string	none	null	no	primaryClientAction
Additional Text	Additional help text.	string	null	admin	yes	shortDesc
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Attribute Set	The attribute set for the component.	jrad:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Data Type	The type of data. The legal values are VARCHAR2, DATE, DATETIME, BIGDECIMAL, NUMBER, BOOLEAN, and CLOB.	string	VARCHAR2	null	no	dataType
Destination Function	The function to invoke.	string	null	admin	no	invokeFunc
Disable Server Side	Indicates if validation should not occur on the business tier during a form submit.	boolean	false	null	no	serverUnvalidated

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Validation						
Disabled	Indicates if the element is disabled.	boolean	false	null	no	disabled
Document Name	The name of the component	jrad:refName	null	null	no	docName
Export View Attribute	The alternate view attribute for use when exporting.	string	null	admin	no	exportByViewAttr
Extends	A reference to another component that creates a different instance of that component at runtime.	jrad:componentRef	null	null	no	extends
ID	The unique name of this component.	Name	null	null	no	id
Initial Sort Sequence	Indicates the initial sort sequence for each search. The legal values are none , first , second , and third .	string	none	null	no	initSortSeq
Initial Value	The initial (default) value of the item.	string	null	admin	no	defaultValue
Long Tip Region	The fully-qualified reference to the long tip region.	jrad:refName	null	admin	no	longTipRegion
No Wrap	Indicates if cell contents should be wrapped.	boolean	false	null	no	cellNoWrapFormat
Picklist Display Attribute	The view attribute that serves as the displayed value of choices.	string	null	null	no	pickListDispAttr
Picklist Value Attribute	The view attribute that serves as the internal value of choices.	string	null	null	no	pickListValAttr
Picklist View Definition	The fully-qualified view object name for the picklist, cached at the JVM level.	string	null	null	no	pickListViewDef
Picklist View Instance	The view instance name for the picklist.	string	null	null	no	pickListViewName
Prompt	The text label for the component.	string	null	admin	yes	prompt
Read Only	Indicates if the value can be changed.	boolean	false	admin	no	readOnly

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Required	Indicates if the user must enter a value and how that appears to the user. Two values are allowed: "yes", "no".	string	no	admin	no	required
Scope	The Base Packages which are allowed to reuse this component.	jrads:scope	.	null	no	scope
Search Allowed	Indicates if the item will be shown in the search panels.	boolean	false	admin	no	queryable
Security Mode	Defines the security mode used to secure the region. If set to selfSecured it is the developer's responsibility to handle security validation. The legal values are standard , and selfSecured .	string	standard	null	no	securityMode
Selective Search Criteria	Indicates if the item is part of a group of items, one of which must be included in the search.	boolean	false	admin	no	selectiveSearchCriteria
Sort Allowed	Indicates if the user can sort this column. The legal values are yes , no , ascending , and descending .	string Also supports Expression Language (EL) syntax.	no	admin	no	sortState
Sort By View Attribute	The alternate view attribute name for use when sorting.	string	null	null	no	sortByViewAttr
Tip Message Appl Short Name	The application short name that owns the tip message.	string	null	admin	no	tipMessageAppShortName
Tip Message Name	The name of the tip message.	string	null	admin	no	tipMessageName
Tip Type	The type of tip. The legal values are dateFormat , longMessage ,	string	none	admin	no	tipType

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
	shortTip , and none .					
User Personalization	Indicates if a user can personalize this component.	boolean	false	admin	no	userCustomizable
Vertical Alignment	Vertical alignment. Acceptable values are "middle", "top", and "bottom".	string	null	null	no	vAlign
View Attribute	The name of the view attribute.	string	null	null	no	viewAttr
View Instance	The name of the view object instance.	string	null	null	no	viewName
Warn About Changes	Warns the user if there are pending changes that will be lost, and allows them to cancel the current action or discard the changes and continue with the current action.	boolean	true	null	no	warnAboutChanges
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

messageRatingBar

Description

The messageRatingBar item style creates a rating bar component that allows users to rate a product, service or entity in an OA Framework-based page. Users may modify existing rating information or provide new rating information to an updatable rating bar, whereas they may only view existing rating information for a read-only rating bar.

Corresponding web bean: OAMessageRatingBarBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Access Key	The character used for quick keyboard navigation or activation.	string	null	admin	no	accessKey
Action Type	The action type to fire for the component. It should be either "fireAction", "firePartialAction" or "none."	string	none	null	no	primaryClientAction
Add Blank Value (In Release 12.2.2, this property is not implemented.)	Adds an empty value to the choice list if it is not Required	boolean	true	admin	no	allowBlankValue
Additional Text	Additional help text.	string	null	admin	yes	shortDesc
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Attribute Set	The attribute set for the component.	jr:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Data Type	The type of data. The legal values are VARCHAR2, DATE, DATETIME, BIGDECIMAL, NUMBER, BOOLEAN, and CLOB.	string	VARCHAR2	null	no	dataType
Destination Function	The function to invoke.	string	null	admin	no	invokeFunc
Disable Server Side Validation	Indicates if validation should not occur on the business tier during a form submit.	boolean	false	null	no	serverUnvalidated
Disabled	Indicates if the element is disabled.	boolean	false	null	no	disabled
Export View Attribute	The alternate view attribute for use when exporting.	string	null	admin	no	exportByViewAttr
Extends	A reference to another component that creates a different instance of that component at runtime.	jr:componentRef	null	null	no	extends
ID	The unique name of this component.	Name	null	null	no	id
Initial Sort Sequence	Indicates the initial sort sequence for each search. The legal values are none, first, second, and third.	string	none	null	no	initSortSeq
Initial Value	The initial (default) value of the item.	string	null	admin	no	defaultValue
Long Tip Region	The fully-qualified reference to the long tip region.	jr:refName	null	admin	no	longTipRegion
No Wrap	Indicates if cell contents should be wrapped.	boolean	false	null	no	cellNoWrapFormat
Picklist Display Attribute	The view attribute that serves as the displayed value of choices.	string	null	null	no	pickListDispAttr
Picklist Value Attribute	The view attribute that serves as the internal value of choices.	string	null	null	no	pickListValAttr

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Picklist View Definition	The fully-qualified view object name for the picklist, cached at the JVM level.	string	null	null	no	pickListViewDef
Picklist View Instance	The view instance name for the picklist.	string	null	null	no	pickListViewName
Prompt	The text label for the component.	string	null	admin	yes	prompt
Read Only	Indicates if the value can be changed.	boolean	false	admin	no	readOnly
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Required	Indicates if the user must enter a value and how that appears to the user. Two values are allowed: "yes", "no".	string	no	admin	no	required
Search Allowed	Indicates if the item will be shown in the search panels.	boolean	false	admin	no	queryable
Security Mode	Defines the security mode used to secure the region. If set to selfSecured it is the developer's responsibility to handle security validation. The legal values are standard , and selfSecured .	string	standard	null	no	securityMode
Selective Search Criteria	Indicates if the item is part of a group of items, one of which must be included in the search.	boolean	false	admin	no	selectiveSearchCriteria
Sort Allowed	Indicates if the user can sort this column. The legal values are yes , no , ascending , and descending .	string Also supports Expression Language (EL) syntax.	no	admin	no	sortState
Sort By View Attribute	The alternate view attribute name for use when sorting.	string	null	null	no	sortByViewAttr
Tip Message Appl	The application short name that owns the tip message.	string	null	admin	no	tipMessageAppShortName

Item Styles

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Short Name						
Tip Message Name	The name of the tip message.	string	null	admin	no	tipMessageName
Tip Type	The type of tip. The legal values are dateFormat , longMessage , shortTip , and none .	string	none	admin	no	tipType
Total Value	Indicates if an additional field should be displayed to show the total of this column.	boolean	false	user	no	totalValue
User Personalization	Indicates if a user can personalize this component.	boolean	false	admin	no	userCustomizable
Vertical Alignment	Vertical alignment. Acceptable values are "middle", "top", and "bottom".	string	null	null	no	vAlign
View Attribute	The name of the view attribute.	string	null	null	no	viewAttr
View Instance	The name of the view object instance.	string	null	null	no	viewName
Warn About Changes	Warns the user if there are pending changes that will be lost, and allows them to cancel the current action or discard the changes and continue with the current action.	boolean	true	null	no	warnAboutChanges

messageRichTextEditor

Description

The messageRichTextEditor item style provides rich text editing capability within the OA Framework. It can be placed within any region except search regions or tables. The component allows users to author, edit and view rich text content in a browser that supports IFRAMES.

The messageRichTextEditor item style extends messageTextInput and can be used to provide rich text editing capabilities where they are required. Please refer to the [messageTextInput](#) section for more information on all messageRichTextEditor properties.

Corresponding web bean: OAMessageRichTextEditorBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Additional Text	Additional help text.	string	null	admin	yes	shortDesc
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Alignment Icons	Indicates if the left, center, and right alignment icons are displayed.	boolean	false	null	no	alignmentGroup
Attribute Set	The attribute set for the component.	jrads:attributeSetRef	null	null	no	use
Bullet Icons	Indicates if the bullet icons are displayed.	boolean	true	null	no	bulletGroup
ClickThru Destination URI	The URI launched from the "Click Thru Destination" icon. If empty, no icon is shown.	string	null	null	no	clickThruDestinationUri
Comments	Comments	string	null	null	no	comment
Create	Indicates if the	boolean	false	null	no	hyperlinkButton

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Hyperlink Icon	create hyperlink icon is displayed.					
Data Type	The type of data. The legal values are VARCHAR2 , and CLOB .	string	VARCHAR2	null	no	dataType
Disable Server Side Validation	Indicates if validation should not occur on the business tier during a form submit.	boolean	false	null	no	serverUnvalidated
Edit Icons	Indicates if the cut, copy and paste icons are displayed.	boolean	true	null	no	editGroup
Extends	A reference to another component that creates a different instance of that component at runtime.	jrads:componentRef	null	null	no	extends
Font Bar	Indicates if the font bar is displayed.	boolean	false	null	no	fontBar
Image Upload URI	The URI launched from the insert image icon. If empty, no icon is shown.	string	null	null	no	imageUploadUri
Indentation Icons	Indicates if the indentation icons are displayed.	boolean	false	null	no	indentationGroup
Long Tip Region	The fully-qualified reference to the long tip region.	string	null	admin	no	longTipRegion
Maximum Length	The maximum number of characters that can be entered in the editor.	unsignedInt Also supports Expression Language (EL) syntax.	null	null	no	maxLength

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Plain Text Mode Height	The display height of the text mode editor in characters.	unsignedInt	null	admin	no	textModeDisplayHeight
Plain Text Mode Length	The display length of the text mode editor in characters.	unsignedInt	null	admin	no	textModeDisplayLength
Prompt	The text label for the component.	string	null	admin	yes	prompt
Read Only	Indicates if the value can be changed.	boolean	false	admin	no	readOnly
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Required	Indicates if the user must enter a value, and how that appears to the user.	string	no	admin	no	required
Rich Text Mode Height	The display height of the rich text editor in pixels or % of the container.	string	null	admin	no	richTextModeDisplayHeight
Rich Text Mode Length	The display length of the rich text editor in pixels or % of the container.	string	null	admin	no	richTextModeDisplayLength
showRequired		boolean	false	null	no	showRequired
Style Icons	Indicates if the bold, italic and underline icons are displayed.	boolean	true	null	no	styleGroup
Tip Message Appl Short Name	The application short name that owns the tip message.	string	null	admin	no	tipMessageAppShortName
Tip Message Name	The name of the tip message.	string	null	admin	no	tipMessageName
Tip Type	The type of tip.	string	none	admin	no	tipType

Item Styles

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
User Personalization	Indicates if a user can personalize this component.	boolean	false	admin	no	userCustomizable
Vertical Alignment	Vertical alignment	string	null	null	no	vAlign
View Attribute	The name of the view attribute.	string	null	null	no	viewAttr
View Instance	The name of the view object instance.	string	null	null	no	viewName

messageSpinBox

Description

The messageSpinBox item style is a combination of the textInput and inlineMessage controls.

Corresponding web bean: OAMessageSpinBoxBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Access Key	The character used for quick keyboard navigation or activation.	string	null	admin	no	accessKey
Action Type	The action type to fire for the component. It should be either "fireAction", "firePartialAction" or "none."	string	none	null	no	primaryClientAction
Additional Text	Additional help text.	string	null	admin	yes	shortDesc
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Attribute Set	The attribute set for the component.	jrad:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Data Type	The type of data. The legal values are VARCHAR2, DATE, DATETIME, BIGDECIMAL, NUMBER, BOOLEAN, and CLOB.	string	VARCHAR2	null	no	dataType
Destination Function	The function to invoke.	string	null	admin	no	invokeFunc
Disable Server Side Validation	Indicates if validation should not occur on the business tier during a form submit.	boolean	false	null	no	serverUnvalidated

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
n						
Disabled	Indicates if the element is disabled.	boolean	false	null	no	disabled
Document Name	The name of the component	jrads:refName	null	null	no	docName
Export View Attribute	The alternate view attribute for use when exporting.	string	null	admin	no	exportByViewAttr
Extends	A reference to another component that creates a different instance of that component at runtime.	jrads:componentRef	null	null	no	extends
Height	The display height in characters.	unsignedInt	1	null	no	rows
ID	The unique name of this component.	Name	null	null	no	id
Initial Sort Sequence	Indicates the initial sort sequence for each search. The legal values are none , first , second , and third .	string	none	null	no	initSortSeq
Initial Value	The initial (default) value of the item.	string	null	admin	true	translatableDefaultValue
Length	The display length in characters.	unsignedInt	null	admin	no	columns
Long Tip Region	The fully-qualified reference to the long tip region.	jrads:refName	null	admin	no	longTipRegion
Maximum Length	The maximum number of characters per line that can be entered.	unsignedInt Also supports Expression Language (EL) syntax.	null	null	no	maximumLength
Maximum Value	Maximum value the user can input.	decimal (Note: Although OA Extension Declarative Implementation only)	null	admin	no	maxValue

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
		supports integer type input for this property, this web bean can be used with double and long type inputs in code.)				
Minimum Value	Minimum value the user can input.	decimal (Note: Although OA Extension Declarative Implementation only supports integer type input for this property, this web bean can be used with double and long type inputs in code.)	null	admin	no	minValue
No Wrap	Indicates if cell contents should be wrapped.	boolean	false	null	no	cellNoWrapFormat
Prompt	The text label for the component.	string	null	admin	yes	prompt
Read Only	Indicates if the value can be changed.	boolean	false	admin	no	readOnly
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Required	Indicates if the user must enter a value and how that appears to the user. Three values are allowed: "yes", "no", and "validatorOnly".	ui:required	no	admin	no	required

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Scope	The Base Packages which are allowed to reuse this component.	jrad:scope	.	null	no	scope
Search Allowed	Indicates if the item will be shown in the search panels.	boolean	false	admin	no	queryable
Secret	Indicates if the value is visually concealed.	boolean	false	no	no	secret
Selective Search Criteria	Indicates if the item is part of a group of items, one of which must be included in the search.	boolean	false	admin	no	selectiveSearchCriteria
showRequired		boolean	false	null	no	showRequired
Sort Allowed	Indicates if the user can sort this column. The legal values are yes, no, ascending, and descending .	string Also supports Expression Language (EL) syntax.	no	admin	no	sortState
Sort By View Attribute	The alternate view attribute name for use when sorting.	string	null	null	no	sortByViewAttr
Step Size	The value that is added/subtracted to the current value when the user clicks on increment/decrement.	decimal (Note: Although OA Extension Declarative Implementation only supports integer type input for this property, this web bean can be used with double and long type inputs in code.)	1	admin	no	stepSize

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Tip Message Appl Short Name	The application short name that owns the tip message.	string	null	admin	no	tipMessageAppShortName
Tip Message Name	The name of the tip message.	string	null	admin	no	tipMessageName
Tip Type	The type of tip. The legal values are dateFormat , longMessage , shortTip , and none .	string	none	admin	no	tipType
Total Value	Indicates if an additional field should be displayed to show the total of this column.	boolean	false	user	no	totalValue
User Personalization	Indicates if a user can personalize this component.	boolean	false	admin	no	userCustomizable
Vertical Alignment	Vertical alignment. Acceptable values are "middle", "top", and "bottom".	string	null	null	no	vAlign
View Attribute	The name of the view attribute.	string	null	null	no	viewAttr
View Instance	The name of the view object instance.	string	null	null	no	viewName
Warn About Changes	Warns the user if there are pending changes that will be lost, and allows them to cancel the current action or discard the changes and continue with the current action.	boolean	true	null	no	warnAboutChanges
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

messageStyledText

Description

The messageStyledText item style is a combination of the styledText and inlineMessage controls.

Corresponding web bean: OAMessageStyledTextBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Access Key	The character used for quick keyboard navigation or activation.	string	null	admin	no	accessKey
Action Type	The action type to fire for the component. It should be either "fireAction" or "none."	string	none	null	no	primaryClientAction
Additional Text	Additional help text.	string	null	admin	true	shortDesc
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Attribute Set	The attribute set for the component.	jr:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Data Type	The type of data. The legal values are VARCHAR2, DATE, DATETIME, BIGDECIMAL, NUMBER, BOOLEAN, and CLOB.	string	VARCHAR2	null	no	dataType
Destination Function	The function to invoke.	string	null	admin	no	invokeFunc
Destination URI	The destination URI.	uriReference	null	null	no	destination
Disable Server	Indicates if validation should not occur on the business tier	boolean	false	null	no	serverUnvalidated

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Side Validation	during a form submit.					
Document Name	The name of the component	jrad:refName	null	null	no	docName
Export View Attribute	The alternate view attribute for use when exporting.	string	null	admin	no	exportByViewAttr
Extends	A reference to another component that creates a different instance of that component at runtime.	jrad:componentRef	null	null	no	extends
Height	The display height of the Search item in characters.	unsignedInt	null	null	no	rows
ID	The unique name of this component.	Name	null	null	no	id
Initial Sort Sequence	Indicates the initial sort sequence for each search. The legal values are none , first , second , and third .	string	none	null	no	initSortSeq
Long Tip Region	The fully-qualified reference to the long tip region.	jrad:refName	null	admin	no	longTipRegion
Maximum Length	The number of characters a user can enter as search criteria for this field in a results-based (automatic) search.	unsignedInt Also supports Expression Language (EL) syntax.	null	admin	no	maximumLength
No Wrap	Indicates if cell contents should be wrapped.	boolean	false	null	no	cellNoWrapFormat
Popup Enabled	Indicates whether the pop-up is enabled.	boolean	false	admin	no	popupEnabled
Popup ID	The unique name of the pop-up.	string	null	admin	no	popupId
Popup Render Event	Indicates on what action type the event is to be rendered for the pop-up.	string	onClick	admin	no	popupRenderEvent
Prompt	The text label for the component.	string	null	admin	yes	prompt
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Required	Indicates if the user must enter a value and how that appears to the user. Three values are allowed: "yes", "no", "default".	ui:required	no	admin	no	required
Scope	The Base Packages which are allowed to reuse this component.	grad:scope	.	null	no	scope
Search Allowed	Indicates if the item will be shown in the search panels.	boolean	false	admin	no	queryable
Selective Search Criteria	Indicates if the item is part of a group of items, one of which must be included in the search.	boolean	false	admin	no	selectiveSearchCriteria
Sort Allowed	Indicates if the user can sort this column. The legal values are yes , no , ascending , and descending .	string Also supports Expression Language (EL) syntax.	no	admin	no	sortState
Sort By View Attribute	The alternate view attribute name for use when sorting.	string	null	null	no	sortByViewAttr
Tip Message Appl Short Name	The application short name that owns the tip message.	string	null	admin	no	tipMessageAppShortName
Tip Message Name	The name of the tip message.	string	null	admin	no	tipMessageName
Tip Type	The type of tip. The legal values are dateFormat , longMessage , shortTip , and none .	string	none	admin	no	tipType
Total Value	Indicates if an additional field should be displayed to show the total of this column.	boolean	false	user	no	totalValue
User Personalization	Indicates if a user can personalize this component.	boolean	false	admin	no	userCustomizable
Vertical Alignme	Vertical alignment. Acceptable values are	string	null	null	no	vAlign

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
nt	"middle", "top", and "bottom".					
View Attribute	The name of the view attribute.	string	null	null	no	viewAttr
View Instance	The name of the view object instance.	string	null	null	no	viewName
Warn About Changes	Warns the user if there are pending changes that will be lost, and allows them to cancel the current action or discard the changes and continue with the current action.	boolean	true	null	no	warnAboutChanges
Width	The display length of the Search item in characters.	unsignedInt	null	null	no	columns
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

messageTextInput

Description

The messageTextInput item style is a combination of the textInput and inlineMessage controls.

Corresponding web bean: OAMessageTextInputBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Access Key	The character used for quick keyboard navigation or activation.	string	null	admin	no	accessKey
Action Type	The action type to fire for the component. It should be either "fireAction", "firePartialAction" or "none."	string	none	null	no	primaryClientAction
Additional Text	Additional help text.	string	null	admin	yes	shortDesc
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Attribute Set	The attribute set for the component.	jr:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Data Type	The type of data. The legal values are VARCHAR2, DATE, DATETIME, BIGDECIMAL, NUMBER, BOOLEAN, and CLOB.	string	VARCHAR2	null	no	dataType
Destination Function	The function to invoke.	string	null	admin	no	invokeFunc
Disable Server Side Validation	Indicates if validation should not occur on the business tier during a form submit.	boolean	false	null	no	serverUnvalidated

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
n						
Disabled	Indicates if the element is disabled.	boolean	false	null	no	disabled
Document Name	The name of the component	jrad:refName	null	null	no	docName
Export View Attribute	The alternate view attribute for use when exporting.	string	null	admin	no	exportByViewAttr
Extends	A reference to another component that creates a different instance of that component at runtime.	jrad:componentRef	null	null	no	extends
Height	The display height in characters.	unsignedInt	1	null	no	rows
ID	The unique name of this component.	Name	null	null	no	id
Initial Sort Sequence	Indicates the initial sort sequence for each search. The legal values are none , first , second , and third .	string	none	null	no	initSortSeq
Initial Value	The initial (default) value of the item.	string	null	admin	true	translatableDefaultValue
Length	The display length in characters.	unsignedInt	null	admin	no	columns
Long Tip Region	The fully-qualified reference to the long tip region.	jrad:refName	null	admin	no	longTipRegion
Maximum Length	The maximum number of characters per line that can be entered.	unsignedInt Also supports Expression Language (EL) syntax.	null	null	no	maximumLength
No Wrap	Indicates if cell contents should be wrapped.	boolean	false	null	no	cellNoWrapFormat
Prompt	The text label for the component.	string	null	admin	yes	prompt
Read Only	Indicates if the value can be changed.	boolean	false	admin	no	readOnly
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Required	Indicates if the user must enter a value and how that appears to the user. Three values are allowed: "yes", "no", and "validatorOnly".	ui:required	no	admin	no	required
Scope	The Base Packages which are allowed to reuse this component.	grad:scope	.	null	no	scope
Search Allowed	Indicates if the item will be shown in the search panels.	boolean	false	admin	no	queryable
Secret	Indicates if the value is visually concealed.	boolean	false	no	no	secret
Selective Search Criteria	Indicates if the item is part of a group of items, one of which must be included in the search.	boolean	false	admin	no	selectiveSearchCriteria
showRequired		boolean	false	null	no	showRequired
Sort Allowed	Indicates if the user can sort this column. The legal values are yes , no , ascending , and descending .	string Also supports Expression Language (EL) syntax.	no	admin	no	sortState
Sort By View Attribute	The alternate view attribute name for use when sorting.	string	null	null	no	sortByViewAttr
Tip Message Appl Short Name	The application short name that owns the tip message.	string	null	admin	no	tipMessageAppShortName
Tip Message Name	The name of the tip message.	string	null	admin	no	tipMessageName
Tip Type	The type of tip. The legal values are dateFormat , longMessage , shortTip , and none .	string	none	admin	no	tipType
Total Value	Indicates if an additional field should be displayed to show the total of this column.	boolean	false	user	no	totalValue

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
User Personalization	Indicates if a user can personalize this component.	boolean	false	admin	no	userCustomizable
Vertical Alignment	Vertical alignment. Acceptable values are "middle", "top", and "bottom".	string	null	null	no	vAlign
View Attribute	The name of the view attribute.	string	null	null	no	viewAttr
View Instance	The name of the view object instance.	string	null	null	no	viewName
Warn About Changes	Warns the user if there are pending changes that will be lost, and allows them to cancel the current action or discard the changes and continue with the current action.	boolean	true	null	no	warnAboutChanges
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

rawText

Description

The rawText item style supports output of unescaped text. Use of this class means assuming full responsibility for generating proper HTML. Clients should strongly consider using elements in the HTML namespace instead of this class. In particular, this class does not attempt to encode or escape characters for NLS or HTML compliance.

Corresponding web bean: OARawTextBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCusto mizable
Attribute Set	The attribute set for the component.	jrad:attribut eSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Data Type	The type of data. The legal values are VARCHAR2, DATE, DATETIME, BIGDECIMAL, NUMBER, BOOLEAN, and CLOB.	string	VARC HAR2	null	no	dataType
Document Name	The name of the component	jrad:refName	null	null	no	docName
Export View Attribute	The alternate view attribute for use when exporting.	string	null	admin	no	exportByViewAttr
Extends	A reference to another component that creates a different instance of that component at runtime.	jrad:componentRef	null	null	no	extends
ID	The unique name of this component.	Name	null	null	no	id

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Initial Sort Sequence	Indicates the initial sort sequence for each search. The legal values are none , first , second , and third .	string	none	null	no	initSortSeq
No Wrap	Indicates if cell contents should be wrapped.	boolean	false	null	no	cellNoWrapFormat
Prompt	The text label for the component.	string	null	admin	true	prompt
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Scope	The Base Packages which are allowed to reuse this component.	jrads:scope	.	null	no	scope
Search Allowed	Indicates if the item will be shown in the search panels.	boolean	false	admin	no	queryable
Sort Allowed	Indicates if the user can sort this column. The legal values are yes , no , ascending , and descending .	string Also supports Expression Language (EL) syntax.	no	admin	no	sortState
Sort By View Attribute	The alternate view attribute name for use when sorting.	string	null	null	no	sortByViewAttr
Text	The text label for the component.	string	null	admin	yes	text
Total Value	Indicates if an additional field should be displayed to show the total of this column.	boolean	false	user	no	totalValue
User Personalization	Indicates if a user can personalize this component.	boolean	false	admin	no	userCustomizable
View Attribute	The name of the view attribute.	string	null	null	no	viewAttr
View Instance	The name of the view object instance.	string	null	null	no	viewName
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

resetButton

Description

The resetButton item style creates a push button which will reset the content of a form.

Corresponding web bean: OAResetButtonBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Action Type	The action type to fire for the component. It should be either "fireAction", "firePartialAction" or "none."	string	null	null	no	primaryClientAction
Additional Text	Additional help text.	string	null	admin	yes	shortDesc
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Attribute Set	The attribute set for the component.	jrads:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Disable Server Side Validation	Indicates if validation should not occur on the business tier during a form submit.	boolean	false	null	no	serverUnvalidated
Document Name	The name of the component	jrads:refName	null	null	no	docName
Extends	A reference to another component that creates a different instance of that component at runtime.	jrads:componentRef	null	null	no	extends
Horizontal Alignment	Horizontal alignment. The legal values are	string	start	null	no	hAlign

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
	center, left, right, start, and end.					
ID	The unique name of this component.	Name	null	null	no	id
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Scope	The Base Packages which are allowed to reuse this component.	jrad:scope	.	null	no	scope
Text	The text label for the component.	string	null	admin	yes	text
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

richContainer

Description

The richContainer item style is used to create a container to hold external rich content. Examples of external content include embedded analytics from Oracle Business Intelligence Applications (OBIA), Adobe Flex or third-party Oracle-compatible widgets. The richContainer can accept either an URL or URI of the rich content. The rich content may be embedded within an OA Framework page directly, or enclosed within an iFrame depending on the rich content source. The richContainer exposes a set of parameters that can be set by the root OA Framework application and passed to the rich content URL, allowing context-sensitive content.

richContainer extends flowlayout and inherits all the attributes from it. See the section on [flowLayout](#) for a list of attributes available on the flowLayout element.

Corresponding web bean: OARichContainerBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Attribute Set	The attribute set for the component.	jrad:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
Content Type	Indicates the type of content to embed.	anySimpleType	OBIEE	admin	no	richContentType
Destination Function	The developer	anyURI	null	admin	no	invokeFunc

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
	name of the FND function used to secure the embedded content or widget.					
Height	The display height in pixels.	string	null	admin	no	height
ID	The unique name of this component.	Name	null	null	no	id
Name	The display name of the content.	string	null	admin	yes	name
Parameters	The parameters that can be passed to the embedded content as a list of comma-separated, name-value pairs.	string	null	admin	yes	richParameters
Title	The title of the region.	string	Default value based on content type selected, otherwise null: - OBIEE Content - Endec	admin	yes	title

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
			• Content			
View Instance	The name of the view object instance.	string	null	null	no	viewName
Width	Indicates the width in pixels or as a percentage (if % sign included).	string	null	null	no	width

richTextEditor

Description

Note: The richTextEditor item style has been deprecated; use [messageRichTextEditor](#) instead.

The richTextEditor item style provides rich text editing capability within the OA Framework. It can be placed within any region except search regions or tables. The component allows users to author, edit and view rich text content in a browser that supports IFRAMEs.

The richTextEditor item style extends messageTextInput and can be used to provide rich text editing capabilities where they are required. Please refer to the [messageTextInput](#) section for more information on all richTextEditor properties.

Corresponding web bean: OARichTextEditorBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Additional Text	Additional help text.	string	null	admin	yes	shortDesc
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Alignment Icons	Indicates if the left, center, and right alignment icons are displayed.	boolean	false	null	no	alignmentIcons
Attribute Set	The attribute set for the component.	jrad:attributeSetRef	null	null	no	use
Bullet Icons	Indicates if the bullet icons are displayed.	boolean	true	null	no	bulletIcons
ClickThru Destination URI	The URI launched from the "Click Thru Destination" icon. If empty, no icon is shown.	string	null	null	no	clickThruDestinationUri
Comments	Comments	string	null	null	no	comment

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Create Hyperlink Icon	Indicates if the create hyperlink icon is displayed.	boolean	false	null	no	hyperlinkIcon
Data Type	The type of data. The legal values are VARCHAR2 , and CLOB .	string	VARCHAR2	null	no	dataType
Edit Icons	Indicates if the cut, copy and paste icons are displayed.	boolean	true	null	no	editIcons
Extends	A reference to another component that creates a different instance of that component at runtime.	jrads:componentRef	null	null	no	extends
Font Bar	Indicates if the font bar is displayed.	boolean	false	null	no	fontBar
Image Upload URI	The URI launched from the insert image icon. If empty, no icon is shown.	string	null	null	no	imageUploadUri
Indentation Icons	Indicates if the indentation icons are displayed.	boolean	false	null	no	indentationIcons
Initial Value	The initial (default) value of the item.	string	null	admin	yes	translatableDefaultValue
Long Tip Region	The fully-qualified reference to the long tip region.	string	null	admin	no	longTipRegion
Maximum Length	The maximum number of characters that can be entered in the editor.	unsignedInt Also supports Expression Language (EL) syntax.	null	null	no	maxLength
Plain Text Mode	The display height of the text	unsignedInt	null	null	no	textModeDisplayHeight

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Height	mode editor in characters.					
Plain Text Mode Length	The display length of the text mode editor in characters.	unsignedInt	null	null	no	textModeDisplayLength
Read Only	Indicates if the value can be changed.	boolean	false	admin	no	readOnly
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Required	Indicates if the user must enter a value, and how that appears to the user.	string	no	admin	no	required
Rich Text Mode Height	The display height of the rich text editor in pixels or % of the container.	string	null	null	no	richTextModeDisplayHeight
Rich Text Mode Length	The display length of the rich text editor in pixels or % of the container.	string	null	null	no	richTextModeDisplayLength
showRequired		boolean	false	null	no	showRequired
Style Icons	Indicates if the bold, italic and underline icons are displayed.	boolean	true	null	no	styleIcons
Tip Message Appl Short Name	The application short name that owns the tip message.	string	null	admin	no	tipMessageAppShortName
Tip Message Name	The name of the tip message.	string	null	admin	no	tipMessageName
Tip Type	The type of tip.	string	none	admin	no	tipType
Vertical Alignment	Vertical alignment	string	null	null	no	vAlign
View	The name of the	string	null	null	no	viewAttr

Item Styles

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Attribute	view attribute.					
View Instance	The name of the view object instance.	string	null	null	no	viewName

selectionButton

Description

The selectionButton item style creates specific submit buttons. It can be created only under a singleSelection or multipleSelection named child in a table region.

Please refer to the [submitButton](#) section for more information on all submitButton properties.

Corresponding web bean: OASelectionButtonBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Action Type	The action type to fire for the component. It should be either "fireAction", "firePartialAction" or "none."	string	none	null	no	primaryClientAction
Additional Text	Additional help text.	string	null	admin	yes	shortDesc
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Attribute Set	The attribute set for the component.	jrad:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Data Type	The type of data. The legal values are VARCHAR2, DATE, DATETIME, BIGDECIMAL, NUMBER, BOOLEAN, and CLOB.	string	VARCHAR2	null	no	dataType
Destination Function	The function to invoke.	string	null	admin	no	invokeFunc
Disable Client Side Validation	Indicates if validation should not occur on the web tier during a form submit.	boolean	false	null	no	unvalidated

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
n						
Disable Server Side Validation	Indicates if validation should not occur on the business tier during a form submit.	boolean	false	null	no	serverUnvalidated
Disabled	Indicates if the element is disabled.	boolean	false	null	no	disabled
Document Name	The name of the component	jrad:refName	null	null	no	docName
Extends	A reference to another component that creates a different instance of that component at runtime.	jrad:componentRef	null	null	no	extends
Horizontal Alignment	Horizontal alignment. The legal values are center, left, right, start, and end.	string	start	null	no	hAlign
ID	The unique name of this component.	Name	null	null	no	id
No Wrap	Indicates if cell contents should be wrapped.	boolean	false	null	no	cellNoWrapFormat
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Scope	The Base Packages which are allowed to reuse this component.	jrad:scope	.	null	no	scope
Text	The text label for the component.	string	null	admin	yes	text
User Personalization	Indicates if a user can personalize this component.	boolean	false	admin	no	userCustomizable

separator

Description

The separator item style creates a horizontal separator.

Corresponding web bean: OASeparatorBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Attribute Set	The attribute set for the component.	jrad:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Document Name	The name of the component	jrad:refName	null	null	no	docName
Extends	A reference to another component that creates a different instance of that component at runtime.	jrad:componentRef	null	null	no	extends
ID	The unique	Name	null	null	no	id

Item Styles

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
	name of this component .					
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Scope	The Base Packages which are allowed to reuse this component .	jrads:scope	.	null	no	scope
xml:lang	Identifies the language contained within this component .	optional	null	null	no	xml:lang

servletInclude

Description

The servletInclude item style allows you to includes HTML content loaded from a local Servlet or JSP under the parent region.

Corresponding web bean: OAServletIncludeBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Attribute Set	The attribute set for the component.	jrad:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
Extends	A reference to another component that creates a different instance of that component at runtime.	jrad:componentRef	null	null	no	extends
ID	The unique name of this component.	Name	null	null	no	id
Rendered	Indicates if	boolean	true	user	no	rendered

Item Styles

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
	the component is rendered.					
Source URI	The relative servlet URI.	uriReference	null	admin	no	source
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

spacer

Description

The spacer item style inserts empty space in a page. SpacerBeans occupy a fixed amount of space in an HTML layout.

Corresponding web bean: OASpacerBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Attribute Set	The attribute set for the component.	jrads:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Document Name	The name of the component	jrads:refName	null	null	no	docName
Extends	A reference to another component that creates a different instance of that component at runtime.	jrads:componentRef	null	null	no	extends
Height	The display height in	string	1	null	no	height

Item Styles

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
	pixels.					
ID	The unique name of this component.	Name	null	null	no	id
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Scope	The Base Packages which are allowed to reuse this component.	jrad:scope	.	null	no	scope
Width	Indicates the width in pixels.	string	null	null	no	width
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

staticStyledText

Description

The staticStyledText item style extends styledText. All attributes supported by styledText are inherited by staticStyledText. See the section on [styledText](#) for a list of attributes available on the styledText element.

Corresponding web bean: OASstaticStyledTextBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Action Type	The action type to fire for the component. It should be either "fireAction" or "none."	string	none	null	no	primaryClientAction
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Attribute Set	The attribute set for the component.	jrads:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Data Type	The type of data. The legal values are VARCHAR2, DATE, DATETIME, BIGDECIMAL, NUMBER, BOOLEAN, and CLOB.	string	VARCHAR2	null	no	dataType
Destination Function	The function to invoke.	string	null	admin	no	invokeFunc
Destination URI	The destination URI.	uriReference	null	null	no	destination
Disable Server Side Validation	Indicates if validation should not occur on the business tier during a form submit.	boolean	false	null	no	serverUnvalidated

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Export View Attribute	The alternate view attribute for use when exporting.	string	null	admin	no	exportByViewAttr
Extends	A reference to another component that creates a different instance of that component at runtime.	jrads:componentRef	null	null	no	extends
ID	The unique name of this component.	Name	null	null	no	id
Initial Sort Sequence	Indicates the initial sort sequence for each search. The legal values are none , first , second , and third .	string	none	null	no	initSortSeq
Message Appl Short Name	The application short name that owns the message.	string	null	admin	no	messageAppShortName
Message Name	The name of the message.	string	null	admin	no	messageName
No Wrap	Indicates if cell contents should be wrapped.	boolean	false	null	no	cellNoWrapFormat
Prompt	The text label for the component.	string	null	admin	true	prompt
Search Allowed	Indicates if the item will be shown in the search panels.	boolean	false	admin	no	queryable
Sort Allowed	Indicates if the user can sort this column. The legal values are yes , no , ascending , and descending .	string Also supports Expression Language (EL) syntax.	no	admin	no	sortState
Total Value	Indicates if an additional field should be displayed to show the total of this column.	boolean	false	user	no	totalValue
User Personalization	Indicates if a user can personalize this component.	boolean	false	admin	no	userCustomizable
Warn About	Warns the user if there are pending changes that	boolean	true	null	no	warnAboutChanges

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Changes	will be lost, and allows them to cancel the current action or discard the changes and continue with the current action.					

styledText

Description

The styledText item style supports styled text and links.

Corresponding web bean: OASTyledTextBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Additional Text	Additional help text.	string	null	admin	yes	shortDesc
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Attribute Set	The attribute set for the component.	jrad:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Data Type	The type of data. The legal values are VARCHAR2, DATE, DATETIME, BIGDECIMAL, NUMBER, BOOLEAN, and CLOB.	string	VARCHAR2	null	no	dataType
Destination Function	The function to invoke.	string	null	admin	no	invokeFunc
Destination URI	The destination URI.	uriReference	null	null	no	destination
Document Name	The name of the component	jrad:refName	null	null	no	docName
Extends	A reference to another component that creates a different instance of that component at runtime.	jrad:componentRef	null	null	no	extends

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
ID	The unique name of this component.	Name	null	null	no	id
Initial Sort Sequence	Indicates the initial sort sequence for each search. The legal values are none , first , second , and third .	string	none	null	no	initSortSeq
Rendered	Indicates if the component is rendered.	boolean	null	user	no	rendered
Scope	The Base Packages which are allowed to reuse this component.	jrads:scope	.	null	no	scope
Sort Allowed	Indicates if the user can sort this column. The legal values are yes , no , ascending , and descending .	string Also supports Expression Language (EL) syntax.	no	admin	no	sortState
Sort By View Attribute	The alternate view attribute name for use when sorting.	string	null	null	no	sortByViewAttr
Text	The text label for the component.	string	null	admin	yes	text
Total Value	Indicates if an additional field should be displayed to show the total of this column.	boolean	false	user	no	totalValue
View Attribute	The name of the view attribute.	string	null	null	no	viewAttr
View Instance	The name of the view object instance.	string	null	null	no	viewName
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

submitButton

Description

The submitButton item style creates a push button which allows submission of forms. The "destination" attribute of a submit button is ignored. Instead, the destination of the form is used.

Corresponding web bean: OASubmitButtonBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Access Key	The character used for quick keyboard navigation or activation.	string	null	admin	no	accessKey
Action Type	The action type to fire for the component. It should be either "fireAction", "firePartialAction" or "none."	string	none	null	no	primaryClientAction
Additional Text	Additional help text.	string	null	admin	yes	shortDesc
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Attribute Set	The attribute set for the component.	jr:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Data Type	The type of data. The legal values are VARCHAR2, DATE, DATETIME, BIGDECIMAL, NUMBER, BOOLEAN, and CLOB.	string	VARCHAR2	null	no	dataType
Destination Function	The function to invoke.	string	null	admin	no	invokeFunc
Disable Client Side	Indicates if validation should not occur on the web tier during a form submit.	boolean	false	null	no	unvalidated

Validation						
Disable Server Side Validation	Indicates if validation should not occur on the business tier during a form submit.	boolean	false	null	no	serverUnvalidated
Disabled	Indicates if the element is disabled.	boolean	false	null	no	disabled
Document Name	The name of the component	jrad:refName	null	null	no	docName
Event	Name of the event.	string	null	null	no	event
Extends	A reference to another component that creates a different instance of that component at runtime.	jrad:componentRef	null	null	no	extends
Horizontal Alignment	Horizontal alignment. The legal values are center, left, right, start, and end.	string	start	null	no	hAlign
ID	The unique name of this component.	Name	null	null	no	id
No Wrap	Indicates if cell contents should be wrapped.	boolean	false	null	no	cellNoWrapFormat
Prompt	The text label for the component.	string	null	admin	true	prompt
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Scope	The Base Packages which are allowed to reuse this component.	jrad:scope	.	null	no	scope
Text	The text label for the component.	string	null	admin	yes	text
User Personalization	Indicates if a user can personalize this component.	boolean	false	admin	no	userCustomizable
View Instance	The name of the view object instance.	string	null	null	no	viewName
Warn About Changes	Warns the user if there are pending changes that will be lost, and allows them to cancel the current action or discard the changes and continue with the current action.	boolean	false	null	no	warnAboutChanges
xml:lang	Identifies the language contained within this	optional	null	null	no	xml:lang

Item Styles

	component.					
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tip

Description

The tip item style provides page or section level hints to the user.

Typically, the only indexed child of the tip will be a TextNode, but as many children as necessary can be added and will be laid out as with a flowLayout.

Corresponding web bean: OATipBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Attribute Set	The attribute set for the component.	jrad:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Document Name	The name of the component	jrad:refName	null	null	no	docName
Extends	A reference to another component that creates a	jrad:componentRef	null	null	no	extends

Item Styles

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
	different instance of that component at runtime.					
ID	The unique name of this component.	Name	null	null	no	id
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Scope	The Base Packages which are allowed to reuse this component.	jrad:scope	.	null	no	scope
Text	The text label for the component.	string	null	admin	true	text
Tip Message Appl Short Name	The application short name that owns the tip message.	string	null	admin	no	tipMessageAppShort Name
Tip Message Name	The name of the tip message.	string	null	admin	no	tipMessageName
xml:lang	Identifies the language contained within this component	optional	null	null	no	xml:lang

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
	t.					

urlInclude

Description

The urlInclude item style allows you to includes HTML content loaded from an external source under the parent region.

Corresponding web bean: OAUurlIncludeBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Admin Personalization	Indicates if an Administrator can personalize this component.	boolean	true	admin	no	adminCustomizable
Attribute Set	The attribute set for the component.	jrads:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
Extends	A reference to another component that creates a different instance of that component at runtime.	jrads:componentRef	null	null	no	extends
ID	The unique name of this component.	Name	null	null	no	id
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Source URI	The relative/absolute URI.	uriReference	null	admin	no	source
xml:lang	Identifies the	optional	null	null	no	xml:lang

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
	language contained within this component.					
