

Oracle® E-Business Suite

Oracle Application Framework
Component Reference Guide

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This book is intended to be used in conjunction with *Oracle Application Framework Developer's Guide*, which is available in several formats for all supported releases of Oracle Application Framework.

You can find the location of that book for a particular OA Framework release in My Oracle Support Knowledge Document 1315485.1, *Oracle Application Framework Developer's Guide: Index*.

Part 1: Basic Components

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 E-Business Suite, which can yield a significant cost saving 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	jrad:refName	null	null	no	docName
Scope	The Base Packages which are allowed to reuse this component.	jrad:scope	. (public)	null	no	scope

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	null	no	not applicable

			file			
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.	grad: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.	grad: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.	grad:version	null	null	no	version

Part 2: Core Components

advancedSearch

Description

The advancedSearch region extends UIX's StackLayoutBean. This is a very complex layout used for rendering search pages that 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 Style	Indicates if the advanced search will use intermedia style queries.	boolean	false	null	no	intermediaStyle

Element Children

Name	Quantity	Description
buttonBar	0 through to 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 an unbounded number of rowLayout elements.
staticText	0 through to 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 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.	jrads: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 Type	The type of banding on the table.	ui:tableBandingRule	noBanding	user	no	tableBanding
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	Indicates if validation should	boolean	false	null	no	unvalidated

Validation	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
Empty Table Text	The text to display inside an empty table.	string	null	null	no	alternativeText
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
Enable Excel Export	Allows Excel export.	functional	empty	admin	no	enableExcelExport
Enable PDF Export	Allows PDF export.	functional	empty	admin	no	enablePDFExport
Enable Translation Editor	Whether or not to enable the translation editor in this component. The VO associated with the component must comply with the OA Framework MLS	boolean	null	no	no	translationEditorEnabled

	table standard.					
Enable User Control on Table Columns	If set to True, each item's user customizable will be used to add the item to the settings menu.	boolean	null	no	no	enableUserControlOnColumns
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
Minimum Listview Column Count	The minimum number of table columns to enable toggle for listview display.	unsignedInt	6	admin	no	minColumnCountForListview
OA Extension Version	The Oracle Application 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
Query By Example Case Sensitive Search	Indicates if Query By Example performs case sensitive search. Check with performance team before disabling.	boolean	true	null	no	qbeCaseSensitiveSearch
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	admin	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.	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 that 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. 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	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 inner repeating containers.	string	null	null	no	viewLinkName
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 to 1	Node to stamp below every row which is disclosed.
footer	0 through to 1	Node used to render the table footer.
tableActions	0 through to 1	Component used for performing table actions that are independent of row selection.
tableSelection	0 through to 1	SingleSelectionBean or MultipleSelectionBean to render with the table.

columnGroup

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Admin	Indicates if	boolean	true	admin	no	adminCustomizabl

Personalization	an Administrator can personalize this component.					e
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
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
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	columnDataFormat	ui:tableColumnDataFormat	textFormat	user	no	columnDataFormat
Attribute Set	The attribute set for the component.	jrad:attributeSetRef	null	null	no	use
Banding Shade	The shade of banding used for the column. 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	jrad:scope	.	null	no	scope

	reuse this component.					
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	The name of the component	jrad:refName	null	null	no	docName

Name						
Extends	A reference to another component that creates a different instance of that component at runtime.	jrad:componentRef	null	null	no	extends
Initial Sort Sequence	Indicates the initial sort sequence for each search. 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. Legal values are yes, no, ascending, and descending.	string	no	admin	no	sortState
Sort By View Attribute	The alternative 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
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

tableFooter

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
Controller Class	The fully-qualified class name for the controller object.	string	null	admin	no	controllerClass
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
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.	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. 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
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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 when the Add Rows button is	boolean	true	null	no	autoInsertion

	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 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
Disable Total Recalculation	Indicates if the button	boolean	false	admin	no	readOnly

	used to update totals should not be rendered.					
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
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 the language contained within this component.	optional	null	null	no	xml:lang

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	boolean	true	admin	no	adminCustomizable

n	Administrator can personalize this component.					
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 external List of Values region.	jrad:componentRef	null	null	no	externalListOfValues
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	optional	null	null	no	xml:lang

	component.					
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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.	jrads:attributeSetRef	null	null	no	use
LOV Region Item	The name of the item in the List Of Values region.	jrads: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 base page that receives the result from the LOV Region Item.	jrads:localRef	null	null	no	resultTo

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	boolean	true	null	no	addChildren

	be automatically added to this UI node tree.					
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
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	string	from template	null	no	not applicable

	with Javadoc.		e file			
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 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
Personalizati	The region	string	null	null	no	regionName

on Label	label used for Personalization.					
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. 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	string	null	null	no	viewLinkName

	master-detail relationship 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	string	null	null	no	amDefName

	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
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
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.	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
Row Span	The number of rows spanned by the cell.	string	(if not set): 1	null	no	rowSpan
Scope	The Base Packages which are	jrad:scope	.	null	no	scope

	allowed to reuse this component.					
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. 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	optional	null	null	no	xml:lang

	contained within this component.					
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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.	jrads:attributeSetRef	null	null	no	use
Background Shade	The background shade of the content container. It	ui:backgroundType	null	null	no	background

	should be one of light, medium, dark, or transparent.					
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 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 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. 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	boolean	true	admin	no	adminCustomizable

	component.					
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
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	jrads:componentRef	null	null	no	extends

	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	string	standard	null	no	securityMode

	validation. 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	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 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.	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	This application	string	null	null	no	helpTargetAppShortName

Name	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 .					
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 set	string	standard	null	no	securityMode

	to selfSecured it is the developer's responsibility to handle security validation. 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	Personalizab	Translatab	XML Attribute
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			Value	le	le	
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
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
Extends	A reference to another component that creates a different instance of that component at	jrads:componentRef	null	null	no	extends

	runtime.					
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	string	standard	null	no	securityMode

	mode used to secure the region. If set to selfSecured it is the developer's responsibility to handle security validation. Legal values are standard , and selfSecure .					
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	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 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	jrads:componentRef	null	null	no	extends

	that creates a different instance of that component at runtime.					
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	Indicates if Record	boolean	false	admin	no	recordHistoryEnabled

Enabled	History feature is enabled.					
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. 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

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	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 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
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	boolean	false	null	no	postDefault

	of Initial Values are to be posted.					
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. 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	string	null	null	no	viewLinkName

	outer and inner repeating containers.					
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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. 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-	string	null	null	no	amDefName

	qualified 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.	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	jrad:componentRef	null	null	no	extends

	different instance of that component at 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 content.	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. 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	Specifies ID of	string	null	null	no	viewTargetRegion

Region ID	the region on which the personalization view should be applied.					Id
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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. 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	boolean	true	null	no	adminCustomizable

on	personalize this component.					
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 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	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
Height	The pixels or percentage 'hint' to the browser for the	string	null	null	no	height

	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. 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. Legal values are: (Default) and disclose. If set to	string	null	user	no	userOperations

	(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.	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
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	jrads:componentRef	null	null	no	extends

	that creates a different instance of that component at runtime.					
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. Legal values are none , first , second , and third .	string	none	null	no	initSortSeq
No Wrap	Indicates if cell contents should be	boolean	false	null	no	cellNoWrapFormat

	wrapped. Valid only when used in table 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
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	string	standard	null	no	securityMode

	to handle security validation. Legal values are standard , and selfSecured .					
Sort Allowed	Indicates if the user can sort this column. Valid only when used in table region. Legal values are yes , no , ascending , and descending .	string	no	admin	no	sortState
Sort By View Attribute	The alternative 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	optional	null	null	no	xml:lang

	language contained within this component.					
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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	string	null	admin	no	styleClass

	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	jrad:scope	.	null	no	scope

	which are allowed to reuse this component.					
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. 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
copyright	0 through to 1	Node to use as a copyright statement.
privacy	0 through to 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
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. 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. Legal values are years, halfyears, quarters, months, weeks, and days.	string	weeks	user	no	minorScale
Axis Start Date View	The view attribute for the start date of the Gantt chart horizontal axis.	string	null	null	no	startTimeViewAttr

Attribute						
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 Client Side Validation	Indicates if validation should not occur on the web tier during a form submit.	boolean	false	null	no	unvalidated
Enable Interactive Gantt	Enables user interactions on Gantt tasks.	boolean	false	user	no	enableInteractiveGantt
Extends	A reference to another component that creates a different instance of that component at runtime.	jrad:componentRef	null	null	no	extends
Firm View Attribute	The view attribute for the Firm flag value of a parent task.	string	null	user	no	firmViewAttribute
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	The view attribute for the text label to the left of the task.	string	null	null	no	leftTextViewAttr

Attribute						
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 or Accessor	Accessor Name for the predecessor's rowset for the current task.	string	null	null	no	predecessorAccessor
Predecessor or 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 Text View Attribute	The view attribute for the text label to the right of the task.	string	null	null	no	rightTextViewAttr
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. 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
Use Classic Charts	Indicates whether classic BI Beans Gantt or enhanced Gantt will be rendered.	boolean	false	null	no	useClassicCharts
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 to 1	Description columns.
tableActions	0 through to 1	Component used for performing table actions that are independent of row selection.
tableSelection	0 through to 1	SingleSelectionBean or MultipleSelectionBean to render with the table.
viewInHierarchy	0 through to 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.	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	string	null	admin	no	styleClass

	class.					
Extends	A reference to another component that creates a different instance of that component at runtime.	jrads:componentRef	null	null	no	extends
Graph Render Style	Indicates which components of the graph are rendered. 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. 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

Element Children

Name	Quantity	Description
graphs	1	Graphs based on the table.
tabularFormat	0 through to 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. 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.	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 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	The name of the component	jrads:refName	null	null	no	docName

t Name						
Extends	A reference to another component that creates a different instance of that component at runtime.	jrads:componentRef	null	null	no	extends
Graph Type	The type of the graph. 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. User-personalizable from Release 12.2.9.	string	null	null	no	height
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
Secondary Data Axis Label	The label for the secondary data axis.	string	null	user	true	secYAxisLabel
Size	The size of the graph. 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
Use Classic Graphs	Indicates whether Classic BI Beans graph or enhanced graph will be rendered.	boolean	false	null	no	useClassicGraphs
Width	Graph's width in pixels, applicable only if size=custom. User-personalizable from Release 12.2.9.	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	optional	null	null	no	xml:lang

	contained within this component.					
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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. Legal values are bar, line, area, and none.	string	none	null	no	combinationGraphType
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. Legal values are data, groupLabels, and seriesLabels.	string	data	null	no	graphAs
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. 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.	jrads: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	string	null	null	no	childViewUsageName

	Instance.					
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	string	null	null	no	helpTargetAppShortName

	referenceable .					
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.	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
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	string	standard	null	no	securityMode

	region. If set to selfSecured it is the developer's responsibility to handle security validation. 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
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	string	null	admin	no	styleClass

	default CSS class.					
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
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 Excel Export	Allows Excel export.	functional	empty	admin	no	enableExcelExport
Enable Horizontal Scroll	Enable horizontal scroll bars.	boolean	true	admin	no	horizontalScrollEnabled
Enable PDF Export	Allows PDF export.	functional	empty	admin	no	enablePDFExport
Extends	A reference to another component that creates a different	jrad:componentRef	null	null	no	extends

	instance of that component at runtime.					
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 property of the nested region that points to the HGrid region.	Name	null	null	no	id
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	boolean	false	null	no	postDefault

	are made dirty only by the defaulting of Initial Values are to be posted.					
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.	jrads: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	string	standard	null	no	securityMode

	is the developer's responsibility to handle security validation. Legal 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 to 1	Component used for performing table actions that are independent of row selection.
tableSelection	0 through to 1	SingleSelectionBean or MultipleSelectionBean to render with the table.
viewInHierarchy	0 through to 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:
 - show more information/hide more information,
 - show details/hide details,
 - show section name/hide section name,
 - show graph/hide graph, etc.
- hide or show functionality such as simple/advance search
- hide or show details of a table row

hideShow extends <ux: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	The fully-	string	null	null	no	amDefName

Definition	qualified 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:attributeSet Ref	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	jrads:refName	null	null	no	docName
Documentati	Formatted	string	from	null	no	not applicable

on Comment	text for use with Javadoc.		template file			
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. Legal values are none , first , second , and	string	none	null	no	initSortSeq

	third .					
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. Legal values are	string	standard	null	no	securityMode

	standard, and selfSecured .					
Sort Allowed	Indicates if the user can sort this column. Legal values are yes, no, ascending, and descending .	boolean	no	admin	no	sortState
Sort By View Attribute	The alternative view attribute name for use when sorting.	string	null	null	no	sortByViewAttr
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	optional	null	null	no	xml:lang

	component.					
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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.	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	The initial disclosed 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	string	null	null	no	helpTargetAppShortName

	URI of the help icon in the global menu of the page.This makes the help pages from the other applications referenceable .					
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
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. 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 OAINfotileBean. 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: OAINfotileBean

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
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
Orientation	Layout arrangement of tiles within	string	horizontal	admin	no	orientation

	the tile header.					
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 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
Default Tile Id	Id of the default selected tile when the infotile is rendered.	string	null	admin	no	defaultTileId
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
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 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
contentRegionId	Id of the container associated with tile.	string	null	admin	no	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.	jrad:componentRef	null	null	no	extends
ID	The unique name of this component.	Name	null	null	no	id
Rendered	Indicates if the component	boolean	true	user	no	rendered

	is 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	string	null	null	no	amUsageName

	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	childViewAttrName
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	string	null	null	no	helpTarget

	page 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	null	no	helpTargetAppShortName
ID	The unique name of this component.	Name	null	null	no	id
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.	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	boolean	false	null	no	postDefault

	be posted.					
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. 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	string	null	null	no	viewLinkName

	master-detail relationship between outer and inner repeating containers.					
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 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
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. 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 to 1	Short instructional text which will display in the search block of the LOV window.

lovMap

Choose the parent node below to view the help topic for lovMap:

[messageLovInput](#)

[messageLovChoice](#)

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.	jrads:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
Controller Class	The fully-qualified class	string	null	admin	no	controllerClass

	name for the controller object.					
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Data Type	The type of data. Legal values are VARCHAR2, DATE, DATETIME, BIGDECIMAL, NUMBER, BOOLEAN, and CLOB .	string	VARCHAR2	null	no	dataType
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.	jr: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	boolean	false	null	no	postDefault

	the defaulting of Initial Values are to be posted.					
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. 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	string	null	admin	no	accessKey

	keyboard navigation or activation.					
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. 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
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
onReorderDown	The action to invoke upon selecting Reorder Down.	string	null	null	no	onReorderDown
onReorderUp	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	string	null	admin	yes	text

	label for the component.					
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	string	null	null	no	amUsageName

	an application module.					
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	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
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. Legal values are none , first , second , and third .	string	none	null	no	initSortSeq
OA Extension Version	The Oracle Applications Extension version	jrads:version	null	null	no	version

	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
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 Mode	Defines the security mode used to secure the region. If set to selfSecured it is the developer's responsibility to handle security validation. Legal values are standard, and selfSecured.	string	standard	null	no	securityMode
Sort Allowed	Indicates if the user can sort this column. Legal values are yes , no , ascending , and	boolean	no	admin	no	sortState

	descending					
Sort By View Attribute	The alternative 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 the component is rendered.	boolean	true	user	no	rendered

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.	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	Indicates if	boolean	false	null	no	unvalidated

Side Validation	validation should not 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	false	null	no	serverUnvalidated
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
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.	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	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
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. Legal values	string	standard	null	no	securityMode

	are standard, and selfSecured .					
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.	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	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
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. 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

panelSplitter

Description

The panel splitter region is a content container that divides the content into two panels separated by a splitter bar.

Adding a splitter panel instantiates an `OAPanelSplitterBean`. When you right click on the panel splitter region in the Structure pane of JDeveloper, you can add the `firstPanel` and `secondPanel` named children. Each of these named children occur once and contain a `stackLayout` region, under which you can add content to the panel.

Corresponding web bean: `OAPanelSplitterBean`

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:attributeSet Ref	null	null	no	use
Collapsed	Initial state of the collapsible panel.	boolean	False	admin	no	collapsed
Collapsible Panel	Panel that supports expand and collapse.	string	first	admin	no	collapsiblePanel
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:component Ref	null	null	no	extends
ID	The unique name of this component.	Name	null	null	no	id
Orientation	Orientation in which container needs to be divided.	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
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. Legal values are standard, and selfSecured.	string	standard	null	no	securityMode
Splitter Bar	Position of the splitter	string	50	admin	no	position

Offset Position	bar with respect to the first panel in percentage.					
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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 set for the component.	jrads:attributeSetRef	null	null	no	use
Comments	Comments	string	null	null	no	comment
Enable Auto Resize	Enable auto resizing of the popup.	boolean	false	admin	no	autoResizeEnabled
Height	The display	string	null	admin	no	height

	height in pixels.					
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 the item that launches the popup.	boolean	false	admin	no	notchShown
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
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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
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			e			
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 Search Criteria Count	The default number of criteria fields displayed in the advanced search panel.	string	4	admin	no	advancedSearchCriteriaCount
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.	jrads: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. 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	Type of data. Valid only when used in table region. Legal values are VARCHAR2, DATE, DATETIME, NUMBER, BIGDECIMAL, BOOLEAN, and CLOB.	string	varchar2	null	no	dataType
Enable	Enables auto reordering of	string	null	admin	no	enableAutoReorderi

Auto	advanced search criteria items in List					ngCriteriaItems
Reordering of Criteria Items	Search mode.					
Enable List Search	Enables list search view for this query bean.	search	null	no	no	listSearchEnabled
Enable List Search from OA version	Mandates the minimum OA Framework version to enable List Search, in addition to Enable List Search property.	string	empty string	no	no	enableListSearchFromOAVersion
Enable Saved Search Notifications	Enables user to configure and manage notifications for saved searches.	string	empty string	no	no	enableSavedSearchNotifications
Extends	A reference to another component that creates a different instance of that component at runtime.	jrad:componentRef	null	null	no	extends
Help Target	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. Makes the help pages from the other applications referenceable.	string	null	admin	no	helpTargetAppShortName
Hide Match Conditions	Enables match conditions to be shown.	string	null	admin	no	matchConditionHidden
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	Indicates if the advanced search	boolean	false	null	no	dispAdvanced

Advanced Panel	panel is available to the user.					
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
Infotile View of QueryBean	Enables infotile view of query bean in List Search mode.	string	null	admin	no	enableInfotileView
Initial Panel	The initial panel to render. Valid values are: simple, advanced, and customized.	string	simple	user	no	defaultPanel
Initial Sort Sequence	Indicates the initial sort sequence for each search. Valid values are: none, first, second, third.	string	none	null	no	initSortSeq
Keyword Search	Enables Keyword Search field in List Search mode.	string	null	admin	no	enableKeywordSearch
List Search Header	Header text to be rendered at top of List Search.	string	none	admin	no	listSearchHeader
No Wrap	Indicates if cell contents should be wrapped. Valid only when used in table region.	boolean	false	null	no	cellNoWrapFormat
Personalization Label	Region label used for Personalization.	string	null	null	no	regionName
Post Initial Values	Indicates if rows that are made dirty only by the defaulting of Initial Values are to be posted.	boolean	false	null	no	postDefault
Quick Search	Enables Quick Search field in List Search mode.	string	null	admin	no	enableQuickSearch
Quick Search Field Identifier		IDs of all leaf items under (table/advancedTable) of queryBean	null	admin	no	quickSearchFieldIdentifier
Rendered	Indicates if the component is	boolean	true	user	no	rendered

d	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. 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	simpleSearchInstrTexts
Sort Allowed	Indicates if the user can sort this column. Valid only when used in table region. Legal values are yes, no, ascending, and descending.	string	no	admin	no	sortState
Sort By View Attribute	The alternative 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	customizeInstrTexts
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 to 1	Contains mappings between criteria items on dvanced search panel and result tables(or hGrids).
advancedSearchPanel	0 through to 1	Named child for holding an advanced search panel.
simpleSearchMappings	0 through to 1	Contains mappings between criteria items on simple search panel and result tables(or hGrids).
simpleSearchPanel	0 through to 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.	jr: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	The fully-	string	null	admin	no	controllerClass

Class	qualified 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	grad: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.	grad: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. 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.	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	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.	grad:scope	.	null	no	scope
Security Mode	Defines the security mode used to secure the region. If set to selfSecured it is the	string	standard	null	no	securityMode

	developer's responsibility to handle security validation. Legal values are standard , and selfSecured .					
Sort Allowed	Indicates if the user can sort this column. Valid only when used in table region. Legal values are yes , no , ascending , and descending .	string	no	admin	no	sortState
Sort By View Attribute	The alternative 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.	jrad: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	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	string	null	null	no	helpTargetAppShortName

	page.This makes the help pages from the other 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
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 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	jrads:scope	.	null	no	scope

	component.					
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. 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 to 1	The leading list of the shuttle.
leadingFooter	0 through to 1	The footer of buttons/images under the leading list.
trailing	0 through to 1	The trailing list of the shuttle.
trailingFooter	0 through to 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.	string	null	null	no	childViewUsageName

	Valid only when used in table region.					
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	string	null	null	no	helpTargetAppShortName

	other 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. 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.	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
Prompt	The text label	string	null	admin	true	prompt

	for the 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
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. 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. Legal values are yes , no , ascending , and descending .	string	no	admin	no	sortState
Sort By View	The	string	null	user	no	sortByViewAttr

Attribute	alternative view attribute name for use when sorting. Valid only when used in table region.					
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	boolean	true	null	no	addChildren

	automatically added to this UI node tree.					
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
Display Type	Display Mode for sub tab layout links.	string	textOnly	admin	no	displayType
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
ID	The unique name of this component.	Name	null	null	no	id
Initial	The initially selected	nonNegativeInt	0	null	no	selectedIndex

Subtab	subtab.	eger				
OA Extension Version	The Oracle Applications Extension version with which the file was created or updated.	jrads: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.	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. 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
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subTabs	0 through to 1	Rendered twice per bean render, once before indexed children and once after.
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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 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
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	optional	null	null	no	xml:lang

	contained within this component.					
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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	string	VARCHAR	null	no	dataType

	data. Valid only when used in table region. Legal values are VARCHAR2, DATE, DATETIME, BIGDECIMAL, NUMBER, BOOLEAN, and CLOB .		2			
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
Export View Attribute	The alternative 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.	string	none	null	no	initSortSeq

	Legal values are none , first , second , and third .					
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.	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	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	grad:scope	.	null	no	scope

	component.					
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. 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. Legal values are yes , no , ascending , and descending .	string	no	admin	no	sortState
Sort By View Attribute	The alternative 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	boolean	false	admin	no	userCustomizable

	when used in table region.					
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: 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 Col 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
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	Control display of vertical gridlines.	boolean	true	admin	no	verticalGridlinesDisplayed

Gridlines						
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
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 Excel Export	Allows Excel export.	functional	empty	admin	no	enableExcelExport
Enable PDF Export	Allows PDF export.	functional	empty	admin	no	enablePDFExport
Enable Horizontal Scroll	Enable horizontal scroll bars.	boolean	true	admin	no	horizontalScrollEnabled
Enable Translation Editor	Whether or not to enable the translation editor in this component. The VO associated with the component must comply with the OA Framework MLS table standard.	boolean	null	no	no	translationEditorEnabled
Enable User Control on Table Columns	If set to True, each item's user customizable will be used to add the item to the settings menu.	boolean	null	no	no	enableUserControlOnColumns

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
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
Minimum Listview Column Count	The minimum number of table columns to enable toggle for listview display.	unsignedInt	6	admin	no	minColumnCountForListview
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	boolean	false	null	no	postDefault

	Values are to be posted.					
Query By Example Case Sensitive Search	Indicates if Query By Example performs case sensitive search. Check with performance team before disabling.	boolean	true	null	no	qbeCaseSensitiveSearch
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.	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. 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	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 to 1	Node to stamp below every row which is disclosed.
tableActions	0 through to 1	Component used for performing table actions that are independent of row selection.
tableSelection	0 through to 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: OTableLayoutBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Add Indexed Children	Indicates if indexed children will	boolean	true	null	no	addChildren

	be automatically added to this UI node tree.					
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
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	string	from template	null	no	not applicable

	with Javadoc.		e file			
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	jrads:version	null	null	no	version

	version 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
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Scope	The Base Packages which are allowed to reuse this component.	jradscope	.	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. Legal values are standard , and selfSecured .	string	standard	null	no	securityMode
Standalone	Indicates if	boolean	false	null	no	standalone

	this region can be rendered on its own.					
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	Indicates if	boolean	false	null	no	formSubmitted

Interaction	each train stop should be rendered as a link.					
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 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	jrad:version	null	null	no	version

	Extension version 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
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. Legal values are standard , and selfSecured .	string	standard	null	no	securityMode
Sub Train	Indicates if images are	boolean	false	null	no	subTrain

	rendered before and after the train to indicate that this train is part of a sub-process.					
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

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	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	string	null	null	no	helpTargetAppShortName

	help pages from the other applications referenceable .					
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
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	string	standard	null	no	securityMode

	to selfSecured it is the developer's responsibility to handle security validation. 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	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.	jrads:attributeSetRef	null	null	no	use
Child	Object Type of child nodes,	string	null	null	true	childTypeText

Object Type	used when displaying record set navigation controls.					
Context Menu Lookup	Lookup to show interactive Gantt context menu options. This property is shown only when nodeDef is under Gantt. A tree without Gantt will not display this property.	string	null	null	no	contextMenuLookup
Comments	Comments	string	null	null	no	comment
Custom Tip Attribute List	List of view attributes shown in custom tip. This property is shown only when nodeDef is under Gantt. A tree without Gantt will not display this property.	string	null	yes	no	customToolTipList
Custom Tip Label List	List of view attribute labels shown in custom tooltip. This property is shown only when nodeDef is under Gantt. A tree without Gantt will not display this property.	string	null	user	yes	CustomToolTipLabelList
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Data Type	The type of data. 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.	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	Indicates if validation	boolean	false	null	no	serverUnvalidated

Server Side Validation	should not occur on the business tier during a form submit.					ted
Document Name	The name of the component	jrads: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.	jrads: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 node.	ui:nonNegativeIntegerExpressionType	null	null	no	childBlockSize
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
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	Personalizable	Translatable	XML Attribute
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			t Value	le	le	
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
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	string	null	null	no	regionName

	Personalization.					
Rendered	Indicates if the component is rendered.	boolean	null	user	no	rendered
Scope	The Base Packages which are allowed to reuse this component.	grad:scope	.	null	no	scope
View Link Accessor	The name of the View Link Accessor for the child data.	string	null	null	no	viewLinkAccessorName
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.

Part 3: Advanced Components

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.	jrads: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
Default Attachment Type	The default attachment type in the UI when adding new attachments. (Note: You may select file , shortText , longText or url from the poplist of	string	file	admin	no	defaultAttachmentType

	values. However, if the attachment type you select is disabled, then the following warning message displays: The Enable <[Text/URL/File]> Attachment property cannot be false when Default Attachment Type is set to <[Text/URL/File]>. Please set Enable <[Text/URL/File]> Attachment to true or change the Default Attachment Type to an enabled attachment type.					
Document Name	The name of the component	jrard: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	boolean	true	null	no	serverUnvalidated

	during a form submit.					
Enable Document Catalog	Indicates if the Document Catalog is enabled for the component.	boolean	true	admin	no	enableDocumentCatalog
Enable File Attachment	Indicates if file attachments are allowed.	boolean	true	admin	no	enableFileAttachment
Enable Text Attachment	Indicates if text attachments are allowed.	boolean	true	admin	no	enableTextAttachment
Enable URL Attachment	Indicates if URL attachments are allowed.	boolean	true	admin	no	enableURLAttachment
Export View Attribute	The alternative 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
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.	jrads: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 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.	jrads: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	string	null	null	no	entityId

	attachment entity which defines the primary key relationships.					
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 to 1	Defines the entity and category relationships.
primaryKeys	0 through to 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	The name of the	string	null	null	no	viewAttr

Attribute	view attribute.					
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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
Default Attachment Type	The default attachment type in the UI when adding new attachments. (Note: You may select file , shortText , longText or url from the poplist of values. However, if the attachment type you select is disabled, then the following warning message displays: The Enable <[Text/URL/File]> Attachment property cannot be false when Default Attachment Type is set to <[Text/URL/File]>. Please set Enable <[Text/URL/File]> Attachment to true or change the Default Attachment Type to an enabled attachment type.	string	file	admin	no	defaultAttachmentType

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
Enable File Attachment	Indicates if file attachments are allowed.	boolean	true	admin	no	enableFileAttachment
Enable Text Attachment	Indicates if text attachments are allowed.	boolean	true	admin	no	enableTextAttachment
Enable URL Attachment	Indicates if URL attachments are allowed.	boolean	true	admin	no	enableURLAttachment
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.	jrads: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. 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.	jrads: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 to 1	Defines the entity and category relationships.
primaryKeys	0 through to 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 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.	jrads: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
Default Attachment Type	The default attachment type in the UI when adding new attachments. (Note: You may select file , shortText , longText or url from the poplist of values. However, if the attachment	string	file	admin	no	defaultAttachmentType

	type you select is disabled, then the following warning message displays: The Enable <[Text/URL/File]> Attachment property cannot be false when Default Attachment Type is set to <[Text/URL/File]>. Please set Enable <[Text/URL/File]> Attachment to true or change the Default Attachment Type to an enabled attachment type.					
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
Enable	Indicates if	boolean	true	null	no	oracleFilesEnabled

Oracle Files	attachments will be stored in Oracle Files.					
Enable File Attachment	Indicates if file attachments are allowed.	boolean	true	admin	no	enableFileAttachment
Enable Text Attachment	Indicates if text attachments are allowed.	boolean	true	admin	no	enableTextAttachment
Enable URL Attachment	Indicates if URL attachments are allowed.	boolean	true	admin	no	enableURLAttachment
Extends	A reference to another component that creates a different instance of that component at runtime.	grad:component Ref	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 the icon file.	string	null	admin	no	icon
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	boolean	false	admin	no	postDefault

	made dirty only by the defaulting of Initial Values are to be posted.					
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

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.	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 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 to 1	Defines the entity and category relationships.
primaryKeys	0 through to 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 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,	string	none	null	no	primaryClientAction

	firePartialAction or none.					
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. 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
Disabled	Indicates if the element is disabled.	boolean	null	null	no	disabled
Document	The name of	jrads:refName	null	null	no	docName

Name	the component					
Export View Attribute	The alternative 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.	grad:componentRef	null	null	no	extends
Horizontal Alignment	Horizontal alignment. 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	string	onClick	admin	no	popupRenderEvent

	type the event is to be rendered for the pop-up.					
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.	grad: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
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

categoryMap

Choose the parent node below to view the help topic for categoryMap:

[attachmentImage](#)

[attachmentLink](#)

[attachmentTable](#)

[messageInlineAttachment](#)

colorPicker

Description

Oracle E-Business Suite users can choose a color for a color field using a Color Picker. A Color Picker comprises a popup that shows a color palette (set of fixed colors).

A second level popup can be opened from the palette popup. This popup displays a spectrum that allows a color to be picked from a distribution of colors rather than a fixed set.

Corresponding web bean: OAMessageColorFieldBean

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	boolean	true	admin	no	adminCustomizable

	component.					
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. 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 Operators	Disable operators picklist for the filter in List Search.	boolean	null	null	no	disableOperators
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
Export View Attribute	The alternative view attribute for use when	string	null	admin	no	exportByViewAttr

	exporting.					
Extends	A reference to another component that creates a different instance of that component at runtime.	jrad:component Ref	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. 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	unsignedInt Also supports Expression Language (EL) syntax.	null	null	no	maxLength

	entered.					
No Wrap	Indicates if cell contents should be wrapped.	boolean	false	null	no	cellNoWrapFormat
Placeholder Text	A short hint that describes the expected value of an input field.	string	null	admin	no	placeholder
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
Secret	Indicates if the value is	boolean	false	no	no	secret

	visually concealed.					
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. Legal values are yes , no , ascending , and descending .	string Also supports Expression Language (EL) syntax.	no	admin	no	sortState
Sort By View Attribute	The alternative 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. 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

entityMap

Choose the parent node below to view the help topic for entityMap:

[attachmentImage](#)

[attachmentLink](#)

[attachmentTable](#)

[messageInlineAttachment](#)

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
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
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. 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.	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
Display Context Field	Indicates if the context field is displayed.	boolean	true	null	no	displayContextField
Document Name	The name of the component.	jrads:refName	null	null	no	docName
Case Sensitive Search for Look Ahead LOV	Enable 'Case Sensitive Search' property on Flex item during KFF	string	null	null	no	LookAhead_LOV_Case_Sensitive_Search

	Look Ahead LOV search. If True, perform Case Sensitive search during KFF LOV Look Ahead search.					
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
Parent Filter ID	Parent filter that determines the rendering of the child filter.	string	empty string	no	no	parentFilterIdentifier
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	boolean	false	user	no	renderedAsPopup

	flex field as a popup.					
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	null	no	scope
Search Allowed	Indicates if the item will be shown in the search panels.	boolean	false	admin	no	queryable
Segment List	The limited list of flexfield segments.	string	null	admin	no	segmentList
Selective Search Criteria	Selective Search Criteria	boolean	false	admin	no	SelectiveSearchCriteria
Type	The type of the Flexfield. 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

xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang
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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.	jrads: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

flexibleContentList

Description

The FlexibleContentList is the UINode contained in flexibleContents, a named child of the pageLayout region. The flexibleContentList contains the flexibleContent(s) in one place so they can quickly be found, to increase the performance of page render.

Corresponding web bean: OAflexibleContentListBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
ID	The unique name of this component.	Name	null	null	no	id

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	boolean	true	admin	no	adminCustomizable

	or can personalize this component.					
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. Legal values are VARCHAR2, DATE, DATETIME, BIGDECIMAL, NUMBER, BOOLEAN, and CLOB .	string	VARCHAR 2	null	no	dataType
Document Name	The name of the component	jrad:refName	null	null	no	docName
Export View Attribute	The alternative 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. 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.	grad: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. Legal values are yes , no , ascending , and descending .	string Also supports Expression Language (EL) syntax.	no	admin	no	sortState

Sort By View Attribute	The alternative 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

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 Mode	Defines the security mode used to secure the	string	standard	null	no	securityMode

	region. If set to selfSecured it is the developer's responsibility to handle security validation. Legal values are standard , and selfSecured .					
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 UIX attribute, value, is used only if there are no associated viewName/viewAttr attributes.

Corresponding web bean: OAFormValueBean

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	jr:attributeSetRef	null	null	no	use

	.					
Comments	Comments	string	null	null	no	comment
Data Type	The type of data. Legal values are VARCHAR2 , DATE , DATETIME , BIGDECIMAL , NUMBER , BOOLEAN , and CLOB .	string	VARCHAR2	null	no	dataType
Document Name	The name of the component	jrad:refName	null	null	no	docName
Enable Facet	Enables relative date range support for date fields under query bean.	boolean	null	admin	no	enableFacet
Enable Multiple Selection	Allows selection of multiple options from the choice.	boolean	null	no	no	enableMultipleSelection
Enable Range Selection	Allows the field to work as a range selector.	boolean	null	no	no	enableRangeSelection
Encrypt	Indicates if the contents is encrypted in the HTML source.	boolean	false	null	no	encrypted
Extends	A reference to another	jrad:component Ref	null	null	no	extends

	component that creates a different instance of that component at runtime.					
ID	The unique name of this component .	Name	null	null	no	id
MultiSelect Options Delimiter	Overrides the default delimiter for a multi-selection choice list.	string	null	no	no	multiSelectOptionsDelimiter
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 .	grad: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	string	standard	null	no	securityMode

	selfSecured it is the developer's responsibility to handle security validation. Legal values are standard , and selfSecured .					
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: OImageBean

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. Legal	string	VARCHAR2	null	no	dataType

	values are VARCHAR2 , DATE , DATETIME , BIGDECIMAL , NUMBER , BOOLEAN , and CLOB .					
Destination Function	The function to invoke.	string	null	admin	no	invokeFunc
Destination URI	The destination URI.	uriReference	null	null	no	destination
Disable Operators	Disable operators picklist for the filter in List Search.	boolean	null	null	no	disableOperators
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
Enable Multiple Selection	Allows selection of multiple options from the choice.	boolean	null	no	no	enableMultipleSelection
Enable Range Selection	Allows the field to work as a range	boolean	null	no	no	enableRangeSelection

	selector.					
Export View Attribute	The alternative 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	Indicates the height in pixels or as a percentage (if % sign included).	ui:stringExpression Type	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. Legal values are none , first , second , and	string	none	null	no	initSortSeq

	third .					
MultiSelect Options Delimiter	Overrides the default delimiter for the multi-selection choice list.	string	null	no	no	multiSelectOptionsDelimiter
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. Legal values are yes , no , ascending , and descending .	string Also supports Expression Language (EL) syntax.	no	admin	no	sortState
Sort By View Attribute	The alternative 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	boolean	true	null	no	warnAboutChanges

	discard the changes and continue with the current action.					
Width	On SpacerBean: Indicates the width in pixels. On others: Indicates the width in pixels or as a percentage (if % sign included).	ui:stringExpression Type	null	null	no	imageWidth
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

layeredLayout

Description

The layered layout region is a component that allows you to present content in multiple layers rather than in subtabs. You can create as many layers as desired. Each layer has its own data and controller. Adding a layered layout instantiates an `OALayeredLayoutBean`. The only supported child of `OALayeredLayoutBean` is `OALayerBean` as an indexed child.

Corresponding web bean: `OALayeredLayoutBean`

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	Indicates if an	boolean	true	admin	no	adminCustomiz

Personalization	Administrator can personalize this component.					able
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
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
Layer Selection Event	Event triggered when a new layer is selected.	enum	submitAndRedirect	admin	no	layerSelectionEvent
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. Legal values are standard, and selfSecured.	string	standard	null	no	securityMode
Selected Layer Id	ID of selected layer.	string	null	admin	no	selectedLayerId

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	no	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 URI.	uriReference	null	null	no	destination
Disable Operators	Disable operators picklist for	boolean	null	null	no	disableOperators

	the filter in List Search.					
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
Enable Multiple Selection	Allows selection of multiple options from the choice.	boolean	null	no	no	enableMultipleSelection
Enable Range Selection	Allows the field to work as a range selector.	boolean	null	no	no	enableRangeSelection
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
MultiSelect Options Delimiter	Overrides the default delimiter for the multi-selection choice list.	string	null	no	no	multiSelectOptionsDelimiter
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 allowed to reuse this component.	grad:scope	.	null	no	scope
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	no	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	boolean	true	null	no	warnAboutChanges

	cancel the current action or discard the changes and continue with the current action.					
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.	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. Legal values are VARCHAR2 ,	string	VARCHAR2	null	no	dataType

	DATE, DATETIME, BIGDECIMAL, NUMBER, BOOLEAN, and CLOB .					
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 alternative 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
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	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
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.	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. 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

messageCheckBox

Description

The messageCheckBox item style is a combination of the checkBox and inlineMessage controls.
Corresponding web bean: OAMessageBoxCheckBoxBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Access Key	The character used for quick	string	null	admin	no	accessKey

	keyboard navigation or activation.					
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.	jrads:attributeSetRef	null	null	no	use
Check Box Toggle ButtonSet	True value label for the checkbox button rendered as button set.	string	null	admin	no	trueValueLabel
Check Box Toggle ButtonSet	False value label for the checkbox button rendered as button set.	string	null	admin	no	falseValueLabel
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. Legal values are	string	VARCHAR2	null	no	dataType

	VARCHAR2, DATE, DATETIME, BIGDECIMAL, NUMBER, BOOLEAN, and CLOB .					
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
Display Mode	Displays the check box as a toggle button.	boolean	null	no	no	displayMode
Document Name	The name of the component	jrad:refName	null	null	no	docName
Export View Attribute	The alternative 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:component Ref	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. 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.	jrad:refName	null	admin	no	longTipRegion
No Wrap	Indicates if cell contents should be wrapped.	boolean	false	null	no	cellNoWrapFormat
Parent Filter ID	Parent filter that determines the rendering of the child filter.	string	empty string	no	no	parentFilterIdentifier
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
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. Legal values are yes , no , ascending , and descending .	string Also supports Expression Language (EL) syntax.	no	admin	no	sortState
Sort By View Attribute	The alternative 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. 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
Warn About Changes	Warns the user if there are pending changes that will be lost, and allows them to	boolean	true	null	no	warnAboutChanges

	cancel the current action or discard the changes and continue with the current action.					
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.	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. 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 Operators	Disable operators picklist for the filter in List Search.	boolean	null	null	no	disableOperators
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	jrad:refName	null	null	no	docName

	component					
Enable Multiple Selection	Allows selection of multiple options from the choice.	boolean	null	no	no	enableMultipleSelection
Enable Range Selection	Allows the field to work as a range selector.	boolean	null	no	no	enableRangeSelection
Export View Attribute	The alternative 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:component Ref	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. 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	jrad:refName	null	admin	no	longTipRegion

	reference to the long tip region.					
MultiSelect Options Delimiter	Overrides the default delimiter for the multi-selection choice list.	string	null	no	no	multiSelectOptionsDelimiter
No Wrap	Indicates if cell contents should be wrapped.	boolean	false	null	no	cellNoWrapFormat
Parent Filter ID	Parent filter that determines the rendering of the child filter.	string	empty string	no	no	parentFilterIdentifier
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	boolean	false	admin	no	readOnly

	the value can be 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. 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. Legal values are yes , no , ascending , and descending .	string Also supports Expression Language (EL) syntax.	no	admin	no	sortState
Sort By View Attribute	The alternative 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. Legal values are dateFormat , longMessage , shortTip , and none .	string	none	admin	no	tipType
Total Value	Indicates if an additional	boolean	false	user	no	totalValue

	field should be displayed to show the total of this column.					
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 application 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. 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	jrad:refName	null	null	no	docName
Export View Attribute	The alternative 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:component Ref	null	null	no	extends
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.	string	none	null	no	initSortSeq

	Legal values are none , first , second , and third .					
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	maxLength
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	ui:required	no	admin	no	required

	allowed: yes, no, default.					
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. Legal values are yes , no , ascending , and descending .	string Also supports Expression Language (EL) syntax.	no	admin	no	sortState
Sort By View Attribute	The alternative view attribute name for use when sorting.	string	null	null	no	sortByViewAttr
Tip Message Appl Short Name	The application short name that owns	string	null	admin	no	tipMessageAppShortName

	the tip message.					
Tip Message Name	The name of the tip message.	string	null	admin	no	tipMessageName
Tip Type	The type of tip. 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
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.	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. 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 characters.	unsignedInt	null	null	no	columns
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	string	null	admin	yes	prompt

	component.					
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.	grad: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. Legal values are dateFormat , longMessage , shortTip , and none .	string	none	admin	no	tipType
User Personalization	Indicates if a user can personalize this	boolean	false	admin	no	userCustomizable

	component.					
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 component.	optional	null	null	no	xml:lang

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
Comment	Comments.	string	null	null	no	comment

s						
CSS Class	Overrides the default CSS class.	string	null	admin	no	styleClass
Default Attachment Type	The default attachment type in the UI when adding new attachments. (Note: You may select file , shortText , longText or url from the poplist of values. However, if the attachment type you select is disabled, then the following warning message displays: The Enable <[Text/URL/File]> Attachment property cannot be false when Default Attachment Type is set to <[Text/URL/File]>. Please set Enable <[Text/URL/File]> Attachment to true or change the Default Attachment Type to an enabled attachment type.	string	file	admin	no	defaultAttachmentType
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
Enable File Attachment	Indicates if file attachments are allowed.	boolean	true	admin	no	enableFileAttachment
Enable Text Attachment	Indicates if text attachments are allowed.	boolean	true	admin	no	enableTextAttachment
Enable URL	Indicates if URL attachments are allowed.	boolean	true	admin	no	enableURLAttachment

Attachment						
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
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.	jrads: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. 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

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.	jrads: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	boolean	false	null	no	showAll

	view any attachment for the current 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 to 1	Defines the entity and category relationships.
primaryKeys	0 through to 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

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.	jad: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. 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 form submit.	boolean	false	null	no	unvalidated
Disabled	Indicates if the element is disabled.	boolean	false	null	no	disabled
Export View Attribute	The alternative view attribute for use when exporting.	string	null	admin	no	exportByViewAttr
External	The name of the external List of	jad:compon	null	null	no	externalListOfVal

LOV	Values region.	entRef				ues
Initial Sort Sequence	Indicates the initial sort sequence for each search. 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	pickListDispAttr
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. Legal values are yes, no, ascending, and descending.	string Also supports Expression Language (EL) syntax.	no	admin	no	sortState
Sort By View	The alternative view attribute name for use when sorting.	string	null	null	no	sortByViewAttr

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. 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 Set	The attribute set for the component.	grad:attributeSetRef	null	null	no	use
Comments	Comments.	string	null	null	no	comment
Criteria Item	The ID of the item	grad:localRef	null	null	no	criteriaFrom

	in the base page that provides the criteria for the LOV.					
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. 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.	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. 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 form submit.	boolean	false	null	no	unvalidated
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
Enable Multiple Selection	Allows selection of multiple options from the choice.	boolean	null	no	no	enableMultipleSelection
Export View Attribute	The alternative 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
External LOV	The name of the external List of Values region.	jrads:componentRef	null	null	no	externalListOfValues
Height	The display height in characters.	unsignedInt	1	null	no	rows
ID	The unique name of this	Name	null	null	no	id

	component.					
Initial Sort Sequence	Indicates the initial sort sequence for each search. 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
Maximum	Maximum number of selections allowed for the search field.	unsignedInt	5	no	no	allowedNumOfOptions

Number Of Selections						
MultiSelect Options Delimiter	Overrides the default delimiter for multiselection choice list.	free flow string	null	no	no	multiSelectOptionsDelimiter
No Wrap	Indicates if cell contents should be wrapped.	boolean	false	null	no	cellNoWrapFormat
Parent Filter ID	Parent filter that determines the rendering of the child filter.	string	empty string	no	no	parentFilterIdentifier
Placeholder Text	A short hint that describes the expected value of an input field.	string	null	admin	no	placeholder
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. Legal values are yes, no, ascending, and descending.	string Also supports Expression Language (EL) syntax.	no	admin	no	sortState
Sort By View Attribute	The alternative view attribute name for use when sorting.	string	null	null	no	sortByViewAttr
Tip Message	The application short name that owns the tip message.	string	null	admin	no	tipMessageAppShortName

Appl Short Name						
Tip Message Name	The name of the tip message.	string	null	admin	no	tipMessageName
Tip Type	The type of tip. 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 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
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. 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	string	none	null	no	primaryClientAction

	for the component. It should be either fireAction, firePartialAction or none.					
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
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. 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	boolean	false	null	no	serverUnvalidated

	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
Extends	A reference to another component that creates a different instance of that component at runtime.	jrad:component Ref	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	ui:required	no	admin	no	required

	appears to the user. Three values are allowed: yes, no, and default.					
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 Message Name	The name of the tip message.	string	null	admin	no	tipMessageName
Tip Type	The type of tip. 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,	string	null	null	no	vAlign

	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
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	string	none	null	no	primaryClientAction

	type to fire for the component. It should be either fireAction, firePartialAction or none.					
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. 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	boolean	false	null	no	disabled

	the element is disabled.					
Document Name	The name of the component	jrad:refName	null	null	no	docName
Export View Attribute	The alternative 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:component Ref	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. 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	boolean	false	null	no	cellNoWrapFormat

	should be wrapped.					
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
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	jrads:scope	.	null	no	scope

	which are allowed to reuse this component.					
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. 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. Legal values are yes , no , ascending , and descending .	string Also supports Expression Language (EL) syntax.	no	admin	no	sortState

Sort By View Attribute	The alternative 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. 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	boolean	true	null	no	warnAboutChanges

	will be lost, and allows them to cancel the current action or discard the changes and continue with the current action.					
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	Adds an	boolean	true	admin	no	allowBlankValue

Value (In Release 12.2.2, this property is not implemented.)	empty value to the choice list if it is not Required					
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. 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	boolean	false	null	no	disabled

	is disabled.					
Export View Attribute	The alternative 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:component Ref	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. 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	The view attribute that	string	null	null	no	pickListDispAttr

Attribute	serves as the displayed value of choices.					
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
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	Defines the	string	standard	null	no	securityMode

Mode	security mode used to secure the region. If set to selfSecured it is the developer's responsibility to handle security validation. Legal values are standard , and selfSecured .					
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. Legal values are yes , no , ascending , and descending .	string Also supports Expression Language (EL) syntax.	no	admin	no	sortState
Sort By View Attribute	The alternative view attribute name for use when sorting.	string	null	null	no	sortByViewAttr
Tip Message Appl Short Name	The application short name that owns the	string	null	admin	no	tipMessageAppShortName

	tip message.					
Tip Message Name	The name of the tip message.	string	null	admin	no	tipMessageName
Tip Type	The type of tip. 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	boolean	true	null	no	warnAboutChanges

	cancel the current action or discard the changes and continue with the current action.					
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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 Hyperlink Icon	Indicates if the create hyperlink icon is displayed.	boolean	false	null	no	hyperlinkButton
Data Type	The type of data. 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	jr:componentRef	null	null	no	extends

	a different instance of that component at runtime.					
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
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	string	null	admin	no	tipMessageAppShortName

	the tip message.					
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
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. 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
Document Name	The name of the component	jrad:refName	null	null	no	docName
Export View Attribute	The alternative view attribute for use when exporting.	string	null	admin	no	exportByViewAttr
Extends	A reference to another component that creates a different instance of that	jrad:componentRef	null	null	no	extends

	component at runtime.					
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. 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	translatableDefaultVa lue
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	maxLength
Maximum Value	Maximum 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	maxValue

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
Placeholder Text	A short hint that describes the expected value of an input field.	string	null	admin	no	placeholder
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

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. Legal values are yes , no , ascending , and descending .	string Also supports Expression Language (EL) syntax.	no	admin	no	sortState
Sort By View Attribute	The alternative 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
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

	Legal values are 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

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	no	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. Legal values are VARCHAR2, DATE, DATETIME, BIGDECIMAL,	string	VARCHAR2	null	no	dataType

	NUMBER, BOOLEAN, and CLOB .					
Destination Function	The function to invoke.	string	null	admin	no	invokeFunc
Destination URI	The destination URI.	uriReference	null	null	no	destination
Disable Operators	Disable operators picklist for the filter in List Search.	boolean	null	null	no	disableOperators
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
Enable Multiple Selection	Allows selection of multiple options from the choice.	boolean	null	no	no	enableMultipleSelection
Enable Range Selection	Allows the field to work as a range selector.	boolean	null	no	no	enableRangeSelection
Export View Attribute	The alternative view attribute for use when exporting.	string	null	admin	no	exportByViewAttr
Extends	A reference	jrad:component	null	null	no	extends

	to another component that creates a different instance of that component at runtime.	Ref				
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. 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)	unsignedInt Also supports Expression Language (EL) syntax.	null	admin	no	maxLength

	search.					
MultiSelect Options Delimiter	Overrides the default delimiter for the multi-selection choice list.	string	null	no	no	multiSelectOptionsDelimiter
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
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 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. Legal values are yes , no , ascending , and descending .	string Also supports Expression Language (EL) syntax.	no	admin	no	sortState
Sort By View Attribute	The alternative 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	The name of	string	null	admin	no	tipMessageName

Name	the tip message.					
Tip Type	The type of tip. 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	no	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	boolean	true	null	no	warnAboutChanges

	to cancel the current action or discard the changes and continue with the current action.					
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.	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. 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 Operators	Disable operators picklist for the filter in List Search.	boolean	null	null	no	disableOperators
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
Enable Facet	Enables relative date range support for date fields under query bean.	functional	null	admin	no	enableFacet
Enable Multiple Selection	Allows selection of multiple options from the choice.	boolean	null	no	no	enableMultipleSelection
Enable Range Selection	Allows the field to work as a range selector.	boolean	null	no	no	enableRangeSelection
Export View Attribute	The alternative 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
Facet	Renders the search filter in a facet mode with facet options.					
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. 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	maxLength
MultiSelect Options Delimiter	Overrides the default delimiter for the multi-selection choice list.	string	null	no	no	multiSelectOptionsDelimiter
No Wrap	Indicates if cell contents should be wrapped.	boolean	false	null	no	cellNoWrapFormat
Placeholder Text	A short hint that describes the expected value of an	string	null	admin	no	placeholder

	input field.					
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
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. Legal values are yes , no , ascending , and descending .	string Also supports Expression Language (EL) syntax.	no	admin	no	sortState
Sort By View Attribute	The alternative 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. 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	Indicates if a	boolean	false	admin	no	userCustomizable

Personalization	user can personalize this component.					
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

Element Children

Name	Quantity	Description
facet	1	Renders the search filter in a facet mode with facet

		options.				
Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
Date Facet Allow Day Period Format	Specifies if day period format is allowed in the facet.	functional	null	no	no	dateFacetAllowDayPeriodFormat
Date Facet Allow Month Period Format	Specifies if month period format is allowed in the facet.	functional	null	no	no	dateFacetAllowMonthPeriodFormat
Date Facet Allow Year Period Format	Specifies if year period format is allowed in the facet.	functional	null	no	no	dateFacetAllowYearPeriodFormat

Element Children

Name	Quantity	Description					
facetOption	1	Renders the search filter in a facet mode with facet options.					
Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute	
Date Facet Option User Text	This is the facet option's text displayed in the user	functional	empty	no	no	dateFacetOptionUserText	

	interface.					
Date Facet Option Start Period	Indicates the lower end of the range for relative date search.	functional	empty	no	no	dateFacetOptionStartPeriod
Date Facet Option End Period	Indicates the higher end of the range for relative date search.	functional	empty	no	no	dateFacetOptionEndPeriod
dateFacetOptionEnabled	Indicates if the date facet option is available for the end user to filter records.	functional	true	admin	no	Date Facet Option Enabled
Date Facet Option Period Format	Indicates the format used for search. It can be based on months, days or year.	functional	days	no	no	dateFacetOptionPeriodFormat

multipleSelection

Description

When used as the tableSelection child of a table or Gantt chart, this style implements multiple selection. Corresponding web bean: OAMultipleSelectionBean

Properties

Name	Description	Type	Default Value	Personalizable	Translatable	XML Attribute
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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
Data Type	The type of data. Legal values are VARCHAR2, DATE, DATETIME, BIGDECIMAL, NUMBER, BOOLEAN, and CLOB .	string	VARCHAR2	null	no	dataType
Rendered	Indicates if the component is rendered.	boolean	true	user	no	rendered
Text	The text label for the component.	string	Select Object	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	optional	null	null	no	xml:lang

	component.					
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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	no	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.	jad:attributeSetRef	null	null	no	use
Auto Footer	Indicates if standard copyright and privacy	boolean	true	null	no	autoFooter

	named children are added automatically .					
Browser Caching Disabled	Sets whether this page can be cached at the browser or proxy server or not.	boolean	null	admin	no	browserCachingDisabled
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	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	string	null	null	no	function

	the region.					
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
OA Extension Version	The Oracle Applications Extension version with which the file was created or updated.	grad: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	boolean	false	null	no	postDefault

	of Initial 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. 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 lost,	boolean	false	null	no	warnAboutChanges

	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 to 1	The content footer region of the page.
copyright	0 through to 1	Node to use as a copyright statement.
corporateBranding	0 through to 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 to 1	Flexible contents.
footnote	0 through to 1	The footnote region. This region provides a location for page-level status that is ancillary to the user's task.
gestureMap	0 through to 1	Contains the gesture maps associated with the page.
hideShowSubTabLayout	0 through to 1	The HideShowSubTabLayout region of the page.
inContextBranding	0 through to 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 to 1	The locator region of the page.
pageStatus	0 through to 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 to 1	Node to use as a privacy statement.
productBranding	0 through to 1	The product branding region of the page. This section typically contains an image of the product logo.
quickSearch	0 through to 1	The quick search region of the page.
returnNavigation	0 through to 1	The return to link at the bottom of the page.
userInfo	0 through to 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.	jrad: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	string	null	null	no	targetBeanAttribute

	event definition to be 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

primaryKey

Choose the parent node below to view the help topic for primaryKey:

[attachmentImage](#)

[attachmentLink](#)

[attachmentTable](#)

[messageInlineAttachment](#)

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	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. Legal values are VARCHAR2, DATE, DATETIME, BIGDECIMAL, NUMBER, BOOLEAN, and CLOB .	string	VARCHAR2	null	no	dataType
Document Name	The name of the component	jrad:refName	null	null	no	docName
Export View Attribute	The alternative 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.	string	none	null	no	initSortSeq

	Legal values are none , first , second , and third .					
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.	grad: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. Legal values are yes , no , ascending , and descending .	string Also supports Expression Language (EL) syntax.	no	admin	no	sortState
Sort By View Attribute	The alternative view attribute	string	null	null	no	sortByViewAttr

	name for use when sorting.					
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	string	null	null	no	primaryClientAction

	component. It should be either fireAction, firePartialAction or none.					
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. Legal values are center ,	string	start	null	no	hAlign

	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	Indicates if	boolean	true	admin	no	adminCustomiza

Personalization	an Administrator can personalize this component.					ble
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 name of the FND function used to secure the embedded content or widget.	anyURI	null	admin	no	invokeFunc
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	string	null	admin	yes	richParameters

	a list of comma-separated, name-value pairs.					
Title	The title of the region.	string	Default value based on content type selected, otherwise null: • OBIEE Content • Endeca Content • Others Content	admin	yes	title
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
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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.	jrads: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
Create Hyperlink Icon	Indicates if the create hyperlink icon is displayed.	boolean	false	null	no	hyperlinkIcon
Data Type	The type of data. Legal values are VARCHAR2 ,	string	VARCHAR2	null	no	dataType

	and CLOB .					
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.	jrad:component Ref	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	translatableDefaultValu e
Long Tip Region	The fully-qualified reference to the long tip region.	string	null	admin	no	longTipRegion
Maximum Length	The maximum	unsignedInt Also supports	null	null	no	maxLength

	number of characters that can be entered in the editor.	Expression Language (EL) syntax.				
Plain Text Mode Height	The display height of the text mode editor in characters.	unsignedInt	null	null	no	textModeDisplayHeight
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 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

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.	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. 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
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
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. 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.	jrads:scope	.	null	no	scope
Text	The text label for the	string	null	admin	yes	text

	component.					
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.	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
ID	The unique name of this component.	Name	null	null	no	id
Rendered	Indicates if	boolean	true	user	no	rendered

	the component is 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.	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 servlet URI.	uriReference	null	admin	no	source
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

singleSelection

Description

When used as the tableSelection child of a table or Gantt chart, this style implements single selection. Corresponding web bean: OASingleSelectionBean

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.	jrads:attributeSetRef	null	null	no	use

Comments	Comments	string	null	null	no	comment
Data Type	The type of data. 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
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
Text	The text label for the component.	string	Select Object	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

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 pixels.	string	1	null	no	height
ID	The unique name of this component.	Name	null	null	no	id
Rendered	Indicates if the component	boolean	true	user	no	rendered

	is rendered.					
Scope	The Base Packages which are allowed to reuse this component.	jrads: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	jrads:attributeSetRef	null	null	no	use

	set for the component .					
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. 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 Operators	Disable operators picklist for the filter in List Search.	boolean	null	null	no	disableOperators
Disable Server Side Validation	Indicates if validation should not occur on the business tier during a form submit.	boolean	false	null	no	serverUnvalidated
Enable Multiple Selection	Allows selection of multiple options from the	boolean	null	no	no	enableMultipleSelection

	choice.					
Enable Range Selection	Allows the field to work as a range selector.	boolean	null	no	no	enableRangeSelection
Export View Attribute	The alternative 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:component Ref	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. Legal values are none , first , second , and third .	string	none	null	no	initSortSeq
MultiSelect Options Delimiter	Overrides the default delimiter for the multi-	string	null	no	no	multiSelectOptionsDelimiter

	selection choice list.					
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. 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	boolean	false	user	no	totalValue

	to show the total of this column.					
User Personalization	Indicates if a user can personalize this component.	boolean	false	admin	no	userCustomizable
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

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	boolean	true	admin	no	adminCustomizable

	this component.					
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. 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
ID	The unique name of this component.	Name	null	null	no	id
Initial Sort Sequence	Indicates the initial sort	string	none	null	no	initSortSeq

	sequence for each search. Legal values are none , first , second , and third .					
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
Sort Allowed	Indicates if the user can sort this column. Legal values are yes , no , ascending , and descending .	string Also supports Expression Language (EL) syntax.	no	admin	no	sortState
Sort By View Attribute	The alternative 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	boolean	false	user	no	totalValue

	be displayed to show the total of this column.					
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	primaryClient Action
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:attributesSetRef	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. Legal values	string	VARCH	null	no	dataType

	are VARCHAR2, DATE, DATETIME, BIGDECIMAL, NUMBER, BOOLEAN, and CLOB.		AR2			
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
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. 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	Warns the user if there are	boolean	false	null	no	warnAboutCh

About Changes	pending changes that will be lost, and allows them to cancel the current action or discard the changes and continue with the current action.					anges
xml:lang	Identifies the language contained within this component.	optional	null	null	no	xml:lang

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.	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	jrads:componentRef	null	null	no	extends

	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.	grad: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	tipMessageAppShortName
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

urlInclude

Description

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

Corresponding web bean: OAUrIncludeBean

Properties

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.	jr: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.	jr: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 language contained within this component.	optional	null	null	no	xml:lang

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