

Password



Apr 07, 2024 20:00

Supported Clients

SmartClient WebClient NGClient MobileClient

Property Summary

Number	anchors	Enables a component to stick to a specific side of form and/or to grow or shrink when a window is resized.
String	background	The background color of the component.
String	borderType	The type, color and style of border of the component.
String	comment	
CSSPosition	cssPosition	Thecss position of the component.
String	dataProvider	The dataprovider of the component.
Object	designTimeProperties	Property to get and add design-time properties for a component.
Number	displayType	The type of display used by the field.
Boolean	displaysTags	Flag that enables or disables merging of data inside components using tags (placeholders).
Boolean	editable	Flag that tells if the content of the field can be edited or not.
Boolean	enabled	The enable state of the component, default true.
String	fontType	The font type of the component.
String	foreground	The foreground color of the component.
Number	formIndex	Form index returns the z-index of the form element.
String	format	The format that should be applied when displaying the data in the component.
Number	horizontalAlignment	Horizontal alignment of the text inside the component.
String	location	The x and y position of the component, in pixels, separated by a comma.
String	margin	The margins of the component.
String	name	The name of the component.
String	placeholderText	The text that is displayed in field when the field doesn't have a text value.
Number	printSliding	Enables an element to resize based on its content and/or move when printing.
Boolean	printable	Flag that tells if the component should be printed or not when the form is printed.
Boolean	selectOnEnter	Flag that tells if the content of the field should be automatically selected when the field receives focus.
String	size	The width and height (in pixels), separated by a comma.
String	styleClass	The name of the style class that should be applied to this component.
Number	tabSeq	An index that specifies the position of the component in the tab sequence.
Boolean	titleDisplaysTags	Flag for header text to field component that enables or disables merging of data inside components using tags (placeholders).
String	titleText	Header text to component
String	toolTipText	The text displayed when hovering over the component with a mouse cursor.
Boolean	transparent	Flag that tells if the component is transparent or not.
Number	valuelist	The valuelist that is used by this field when displaying data.
Boolean	visible	The visible property of the component, default true.

Event Summary

void	onAction()	The method that is executed when the component is clicked.
Boolean	onDataChange(oldValue, newValue, event)	Method that is executed when the data in the component is successfully changed.
void	onFocusGained(event)	The method that is executed when the component gains focus.
void	onFocusLost(event)	The method that is executed when the component loses focus.
void	onRender()	The method that is executed when the component is rendered.
void	onRightClick(event)	The method that is executed when the component is right clicked.

Property Details

anchors

Enables a component to stick to a specific side of form and/or to grow or shrink when a window is resized.

If opposite anchors are activated then the component with grow or shrink with the window. For example if Top and Bottom are activated, then the component will grow/shrink when the window is vertically resized. If Left and Right are activated then the component will grow/shrink when the window is horizontally resized.

If opposite anchors are not activated, then the component will keep a constant distance from the sides of the window which correspond to the activated anchors.

Returns

[Number](#)

Supported Clients

SmartClient,WebClient,NGClient

Sample



background

The background color of the component.

Returns

[String](#)

Supported Clients

SmartClient,WebClient,NGClient

Sample



borderType

The type, color and style of border of the component.

Returns

[String](#)

Supported Clients

SmartClient,WebClient,NGClient

Sample



comment

Returns

[String](#)

Supported Clients

SmartClient,WebClient,NGClient

Sample



cssPosition

Thecss position of the component.

Returns

[CSSPosition](#)

Supported Clients

SmartClient,WebClient,NGClient

Sample



dataProvider

The dataprovider of the component.

Returns

[String](#)

Supported Clients

SmartClient,WebClient,NGClient,MobileClient

Sample**designTimeProperties**

Property to get and add design-time properties for a component.

Returns

[Object](#) map of the design-time properties

Supported Clients

SmartClient,WebClient,NGClient

Sample**displayType**

The type of display used by the field. Can be one of CALENDAR, CHECKS, COMBOBOX, HTML_AREA, IMAGE_MEDIA, PASSWORD, RADIOS, RTF_AREA, TEXT_AREA, TEXT_FIELD, TYPE_AHEAD, LIST_BOX, MULTISELECT_LISTBOX or SPINNER.

Returns

[Number](#)

Supported Clients

SmartClient,WebClient,NGClient,MobileClient

Sample**displaysTags**

Flag that enables or disables merging of data inside components using tags (placeholders). Tags (or placeholders) are words surrounded by %% on each side. There are data tags and standard tags. Data tags consist in names of dataproviders surrounded by %%. Standard tags are a set of predefined tags that are made available by the system.

See the "Merging data" section for more details about tags.

The default value of this flag is "false", that is merging of data is disabled by default.

Returns

[Boolean](#)

Supported Clients

SmartClient,WebClient,NGClient

Sample**editable**

Flag that tells if the content of the field can be edited or not.

The default value of this flag is "true", that is the content can be edited.

Returns

[Boolean](#)

Supported Clients

SmartClient,WebClient,NGClient

Sample**enabled**

The enable state of the component, default true.

Returns

[Boolean](#) enabled state

Supported Clients

SmartClient,WebClient,NGClient,MobileClient

Sample**fontType**

The font type of the component.

Returns

[String](#)

Supported Clients

SmartClient,WebClient,NGClient

Sample**foreground**

The foreground color of the component.

Returns

[String](#)

Supported Clients

SmartClient,WebClient,NGClient

Sample**formIndex**

Form index returns the z-index of the form element. If two elements overlap, then the element with higher Z index is displayed above the form element with lower Z index. In case of form inheritance, form index is evaluated in the context (form) where property is defined. Elements which have child form as context will always be on top of elements which have parent form. If element is overridden in child form but form index property is still inherited its context is still parent form.

Returns

[Number](#)

Supported Clients

SmartClient,WebClient,NGClient

Sample**format**

The format that should be applied when displaying the data in the component. There are different options for the different dataprovider types that are assigned to this field. For Integer fields, there is a display and an edit format, using <http://docs.oracle.com/javase/7/docs/api/java/text/DecimalFormat.html> and the max (string) length can be set. For Text/String fields, there are options to force uppercase,lowercase or only numbers. Or a mask can be set that restrict the input the pattern chars can be found here: <http://docs.oracle.com/javase/7/docs/api/javaw/swing/text/MaskFormatter.html>. A mask can have a placeholder (what is shown when there is no data) and if the data must be stored raw (without literals of the mask). A max text length can also be set to force the max text length input, this doesn't work on mask because that max length is controlled with the mask. For Date fields a display and edit format can be set by using a pattern from here: <http://docs.oracle.com/javase/7/docs/api/java/text/SimpleDateFormat.html>, you can also say this must behave like a mask (the edit format). A mask only works with when the edit format is exactly that mask (1 char is 1 number/char), because for example MM then only 2 numbers are allowed MMM that displays the month as a string is not supported as a mask. Some examples are "dd-MM-yyyy", "MM-dd-yyyy", etc. The format property is also used to set the UI Converter, this means that you can convert the value object to something else before it gets set into the field, this can also result in a type change of the data. So a string in scripting/db is converted to a integer in the ui, then you have to set an integer format. This property is applicable only for types: TEXT_FIELD, COMBOBOX, TYPE_AHEAD, CALENDAR and SPINNER.

Returns

[String](#)

Supported Clients

SmartClient,WebClient,NGClient

Sample

horizontalAlignment

Horizontal alignment of the text inside the component. Can be one of LEFT, CENTER or RIGHT.

Note that this property does not refer to the horizontal alignment of the component inside the form.

Returns

[Number](#)

Supported Clients

SmartClient,WebClient,NGClient

Sample



location

The x and y position of the component, in pixels, separated by a comma.

Returns

[String](#)

Supported Clients

SmartClient,WebClient,NGClient,MobileClient

Sample



margin

The margins of the component. They are specified in this order, separated by commas: top, left, bottom, right.

Returns

[String](#)

Supported Clients

SmartClient,WebClient,NGClient

Sample



name

The name of the component. Through this name it can also be accessed in methods. Must be a valid javascript name. (no - in the name or start with number)

Returns

[String](#)

Supported Clients

SmartClient,WebClient,NGClient,MobileClient

Sample



placeholderText

The text that is displayed in field when the field doesn't have a text value.

Returns

[String](#)

Supported Clients

SmartClient,WebClient,NGClient,MobileClient

Sample



printSliding

Enables an element to resize based on its content and/or move when printing. The component can move horizontally or vertically and can grow or shrink in height and width, based on its content and the content of neighboring components.

Returns[Number](#)**Supported Clients**

SmartClient,WebClient

Sample

printable

Flag that tells if the component should be printed or not when the form is printed.

By default components are printable.

Returns[Boolean](#)**Supported Clients**

SmartClient,WebClient

Sample

selectOnEnter

Flag that tells if the content of the field should be automatically selected when the field receives focus. The default value of this field is "false".

Returns[Boolean](#)**Supported Clients**

SmartClient,WebClient,NGClient

Sample

size

The width and height (in pixels), separated by a comma.

Returns[String](#)**Supported Clients**

SmartClient,WebClient,NGClient

Sample

styleClass

The name of the style class that should be applied to this component.

When defining style classes for specific component types, their names must be prefixed according to the type of the component. For example in order to define a class names 'fancy' for fields, in the style definition the class must be named 'field.fancy'. If it would be intended for labels, then it would be named 'label.fancy'. When specifying the class name for a component, the prefix is dropped however. Thus the field or the label will have its styleClass property set to 'fancy' only.

Returns[String](#)**Supported Clients**

SmartClient,WebClient,NGClient

Sample

tabSeq

An index that specifies the position of the component in the tab sequence. The components are put into the tab sequence in increasing order of this property. A value of 0 means to use the default mechanism of building the tab sequence (based on their location on the form). A value of -2 means to remove the component from the tab sequence.

Returns[Number](#)**Supported Clients**

SmartClient,WebClient,NGClient

Sample

titleDisplaysTags

Flag for header text to field component that enables or disables merging of data inside components using tags (placeholders).

Tags (or placeholders) are words surrounded by %% on each side. There are data tags and standard tags. Data tags consist in names of dataproviders surrounded by %%. Standard tags are a set of predefined tags that are made available by the system.

See the "Merging data" section for more details about tags.

The default value of this flag is "false", that is merging of data is disabled by default.

Returns[Boolean](#)**Supported Clients**

SmartClient,WebClient

Sample

titleText

Header text to component

Returns[String](#)**Supported Clients**

SmartClient,WebClient,NGClient,MobileClient

Sample

toolTipText

The text displayed when hovering over the component with a mouse cursor.

NOTE:

HTML should be used for multi-line tooltips; you can also use any valid HTML tags to format tooltip text. For example:
<html>This includesbolded text and
BLUE text as well.</html>

Returns[String](#)**Supported Clients**

SmartClient,WebClient,NGClient

Sample

transparent

Flag that tells if the component is transparent or not.

The default value is "false", that is the components are not transparent.

Returns[Boolean](#)**Supported Clients**

SmartClient,WebClient,NGClient

Sample

valuelist

The valuelist that is used by this field when displaying data. Can be used with fields of type CHECKS, COMBOBOX, RADIOS and TYPE_AHEAD.

Returns

[Number](#)

Supported Clients

SmartClient,WebClient,NGClient

Sample



visible

The visible property of the component, default true.

Returns

[Boolean](#) visible property

Supported Clients

SmartClient,WebClient,NGClient,MobileClient

Sample



Event Details

onAction()

The method that is executed when the component is clicked.

Supported Clients

SmartClient,WebClient,NGClient,MobileClient

Sample



onDataChange(oldValue, newValue, event)

Method that is executed when the data in the component is successfully changed.

Parameters

[Object](#) oldValue old value

[Object](#) newValue new value

[JSEvent](#) event the event that triggered the action

Returns

[Boolean](#)

Supported Clients

SmartClient,WebClient,NGClient,MobileClient

Sample



onFocusGained(event)

The method that is executed when the component gains focus.

NOTE: Do not call methods that will influence the focus itself.

Parameters

[JSEvent](#) event the event that triggered the action

Supported Clients

SmartClient,WebClient,NGClient

Sample



onFocusLost(event)

The method that is executed when the component loses focus.

Parameters

[JSEvent](#) event the event that triggered the action

Supported Clients

SmartClient,WebClient,NGClient

Sample

onRender()

The method that is executed when the component is rendered.

Supported Clients

SmartClient,WebClient

Sample

onRightClick(event)

The method that is executed when the component is right clicked.

Parameters

[JSEvent](#) event the event that triggered the action

Supported Clients

SmartClient,WebClient,NGClient

Sample