

# TextField

 Apr 05, 2024 10:57

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,MobileClient

**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**

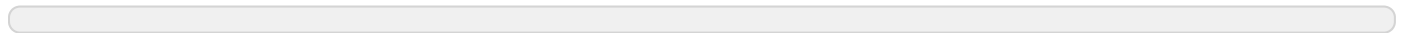
The name of the component. Through this name it can also be accessed in methods. Must be a valid javascript name. (no - in the name or start with number)

**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 includes<b>bolded text</b> and  
<font color='blue'>BLUE</font> 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**