

# RuntimeSplitPane

## Property Summary

|         |                                   |                                                                                                                                                        |
|---------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| String  | <a href="#">#bgcolor</a>          | Gets or sets the background color of a field.                                                                                                          |
| String  | <a href="#">#border</a>           | Gets or sets the border attribute(s) of a specified element.                                                                                           |
| Boolean | <a href="#">#continuousLayout</a> | Gets or sets if the components should continuously be redrawn as the divider changes position.                                                         |
| Number  | <a href="#">#dividerLocation</a>  | Gets or sets divider location.                                                                                                                         |
| Number  | <a href="#">#dividerSize</a>      | Gets or sets divider size in pixels.                                                                                                                   |
| Boolean | <a href="#">#enabled</a>          | Gets or sets the enabled state of a specified field, also known as "grayed".                                                                           |
| String  | <a href="#">#fgcolor</a>          | Gets or sets the foreground color of a field.                                                                                                          |
| String  | <a href="#">#font</a>             | Sets the font name, style, and size of an element.                                                                                                     |
| Number  | <a href="#">#leftFormMinSize</a>  | Gets or sets left form minimum size in pixels.                                                                                                         |
| Boolean | <a href="#">#readOnly</a>         | Gets or sets the editable/read-only state of a field; true - read-only; false - editable; ! - the editable/read-only state is inverted (the opposite). |
| Number  | <a href="#">#resizeWeight</a>     | Specifies how to distribute extra space when the size of the split pane changes.                                                                       |
| Number  | <a href="#">#rightFormMinSize</a> | Gets or sets right form minimum size in pixels.                                                                                                        |
| String  | <a href="#">#toolTipText</a>      | Gets or sets the tool tip text of an element; text displays when the mouse cursor hovers over an element.                                              |
| Boolean | <a href="#">#transparent</a>      | Gets or sets the transparency of an element; true - transparent; false - not transparent.                                                              |
| Boolean | <a href="#">#visible</a>          | Gets or sets the visibility of an element; true - visible; false - not visible; ! - the visibility state is inverted (the opposite).                   |

## Method Summary

|            |                                                                                                                 |
|------------|-----------------------------------------------------------------------------------------------------------------|
| Number     | <a href="#">#getAbsoluteFormLocationY()</a><br>Returns the absolute form (designed) Y location.                 |
| Object     | <a href="#">#getClientProperty(key)</a><br>Gets the specified client property for the element based on a key.   |
| String     | <a href="#">#getElementType()</a><br>Returns the type of a specified element.                                   |
| Number     | <a href="#">#getHeight()</a><br>Returns the height of the current element.                                      |
| controller | <a href="#">#getLeftForm()</a><br>Returns the left form of the split pane.                                      |
| Number     | <a href="#">#getLocationX()</a><br>Returns the x location of the current element.                               |
| Number     | <a href="#">#getLocationY()</a><br>Returns the y location of the current element.                               |
| String     | <a href="#">#getName()</a><br>Returns the name of an element.                                                   |
| controller | <a href="#">#getRightForm()</a><br>Returns the right form of the split pane.                                    |
| Number     | <a href="#">#getWidth()</a><br>Returns the width of the current element.                                        |
| void       | <a href="#">#putClientProperty(key, value)</a><br>Sets the value for the specified element client property key. |
| Boolean    | <a href="#">#setLeftForm(form)</a><br>Set a relationless or related form as left panel.                         |
| Boolean    | <a href="#">#setLeftForm(form, relation)</a><br>Set a relationless or related form as left panel.               |
| void       | <a href="#">#setLocation(x, y)</a><br>Sets the location of an element.                                          |
| Boolean    | <a href="#">#setRightForm(form)</a><br>Set a relationless or related form as right panel.                       |
| Boolean    | <a href="#">#setRightForm(form, relation)</a><br>Set a relationless or related form as right panel.             |
| void       | <a href="#">#setSize(width, height)</a><br>Sets the size of the field.                                          |

## Property Details

[bgcolor](#)

Gets or sets the background color of a field. The color has to be set using the hexadecimal RGB value as used in HTML.

### Returns

[String](#)

### Sample

```
//sets the background color of the field
forms.customer.elements.customer_id.bgcolor = "#FFFFFF";
//gets the background color of the field
var c = forms.customer.elements.customer_id.bgcolor;
```

## border

Gets or sets the border attribute(s) of a specified element.

The border attributes:

borderType - EmptyBorder, EtchedBorder, BevelBorder, LineBorder, TitleBorder, MatteBorder, SpecialMatteBorder.

size - (numeric value) for: bottom, left, right, top.

color - (hexadecimal value) for: bottom, left, right, top.

dash pattern - (numeric value) for selected side(s).

rounding radius - (numeric value) for selected side(s).

NOTE: Use the same value(s) and order of attribute(s) from the element design time property "borderType".

### Parameters

spec – the border attributes

### Returns

String

### Sample

```
//sets the border type to "LineBorder"
//sets a 1 px line width for the bottom and left side of the border
//sets the hexadecimal color of the border to "#ccffcc"
var b = forms.customer.elements.customer_id.setBorder('LineBorder,1,#ccffcc');
```

## continuousLayout

Gets or sets if the components should continuously be redrawn as the divider changes position.

### Returns

Boolean

### Sample

```
forms.customer.elements.customer_id.continuousLayout = true;
```

## dividerLocation

Gets or sets divider location.

If location is less than 1 then the location will be considered at (location \* 100) percent of the split pane from left, otherwise it will represent the pixels from left.

### Returns

Number

### Sample

```
forms.customer.elements.customer_id.dividerLocation = 0.75;
```

## dividerSize

Gets or sets divider size in pixels.

### Returns

Number

### Sample

```
forms.customer.elements.customer_id.dividerSize = 10;
```

#### enabled

Gets or sets the enabled state of a specified field, also known as "grayed".

true - enabled; false - not enabled; ! - the enabled state is inverted (the opposite).

NOTE: A disabled element cannot be selected by clicking the element (or by pressing the TAB key even if this option is supported by the operating system).

NOTE: A label or button element will not disable if the "displayType" design time property for a field is set to HTML\_AREA.

NOTE: The disabled "grayed" color is dependent on the LAF set in the Servoy Client Application Preferences. For more information see Preferences: Look And Feel in the Servoy Developer User's Guide.

#### Returns

Boolean

#### Sample

```
//gets the enabled state of the field
var currState = forms.customer.elements.customer_id.enabled;

//sets the enabled state of the field
forms.customer.elements.customer_id.enabled = !currentState;
```

#### fgcolor

Gets or sets the foreground color of a field. The color has to be set using the hexadecimal RGB value as used in HTML.

#### Returns

String

#### Sample

```
//sets the foreground color of the field
forms.customer.elements.customer_id.fgcolor = "#000000";

//gets the foreground color of the field
var c = forms.customer.elements.customer_id.fgcolor;
```

#### font

Sets the font name, style, and size of an element.

font name - the name of the font family.

style - the type of the font. (plain = 0; bold = 1; italic = 2; bold-italic = 3).

size - the size of the font (in points).

#### Parameters

spec – the font name, style, size

#### Returns

String

#### Sample

```
forms.customer.elements.customer_id.setFont('Tahoma,1,11');
```

#### leftFormMinSize

Gets or sets left form minimum size in pixels.

#### Returns

Number

#### Sample

```
forms.customer.elements.customer_id.leftFormMinSize = 100;
```

#### readOnly

Gets or sets the editable/read-only state of a field; true - read-only; false - editable; ! - the editable/read-only state is inverted (the opposite).

NOTE: A field set as read-only can be selected by clicking (or pressing the TAB key if this option is supported by the operating system) and the field data can be copied.

#### Returns

Boolean

#### Sample

```
//gets the editable/read-only state of the field
var currentState = forms.customer.elements.customer_id.readOnly;

//sets the editable/read-only state of the field
forms.customer.elements.customer_id.readOnly = !currentState;
```

#### resizeWeight

Specifies how to distribute extra space when the size of the split pane changes.

A value of 0, the default, indicates the right/bottom component gets all the extra space (the left/top component acts fixed),

where as a value of 1 specifies the left/top component gets all the extra space (the right/bottom component acts fixed).

Specifically, the left/top component gets (weight \* diff) extra space and the right/bottom component gets (1 - weight) \* diff extra space

#### Returns

Number

#### Sample

```
forms.customer.elements.customer_id.resizeWeight = 0.5;
```

#### rightFormMinSize

Gets or sets right form minimum size in pixels.

#### Returns

Number

#### Sample

```
forms.customer.elements.customer_id.rightFormMinSize = 100;
```

#### toolTipText

Gets or sets the tool tip text of an element; text displays when the mouse cursor hovers over an element.

NOTE: HTML should be used for multi-line tooltips; you can also use any valid HTML tags to format tooltip text.

#### Returns

String

#### Sample

```
//gets the tooltip text of the element
var toolTip = forms.customer.elements.customer_id.toolTipText;

//sets the tooltip text of the element
forms.customer.elements.customer_id.toolTipText = "New tip";
forms.customer.elements.customer_id.toolTipText = "<html>This includes <b>bolded text</b> and <font
color='blue'>BLUE</font> text as well.";
```

#### transparent

Gets or sets the transparency of an element; true - transparent; false - not transparent.

NOTE: transparency can be inverted using ! operator: elements.elementName.transparent = !elements.elementName.transparent;

NOTE: transparency will be mostly used for background color, a transparent element will receive the background of the element "beneath" it, a non transparent one will use its own background color

#### Returns

Boolean

#### Sample

```
//gets the transparency of the element
var currentState = forms.customer.elements.customer_id.transparent;

//sets the transparency of the element
forms.customer.elements.customer_id.transparent = !currentState;
```

#### visible

Gets or sets the visibility of an element; true - visible; false - not visible; ! - the visibility state is inverted (the opposite).

NOTE: The visibility of an element is not persistent; the state of visibility only applies to the current user in his/her current session.

#### Returns

Boolean

#### Sample

```
//sets the element as visible
forms.company.elements.faxBtn.visible = true;

//gets the visibility of the element
var currentState = forms.company.elements.faxBtn.visible;

//sets the element as not visible when the current state is visible
forms.company.elements.faxBtn.visible = !currentState;
```

### Method Details

#### getAbsoluteFormLocationY

Number **getAbsoluteFormLocationY()**

Returns the absolute form (designed) Y location.

#### Returns

Number – The y location of the form in pixels.

#### Sample

```
var absolute_y = forms.customer.elements.customer_id.getAbsoluteFormLocationY();
```

#### getClientProperty

Object **getClientProperty(key)**

Gets the specified client property for the element based on a key.

NOTE: Depending on the operating system, a user interface property name may be available.

#### Parameters

{Object} key – user interface key (depends on operating system)

#### Returns

Object – The value of the property for specified key.

#### Sample

```
var property = forms.customer.elements.customer_id.getClientProperty('ToolTipText');
```

#### getElementType

String **getElementType()**

Returns the type of a specified element.

### Returns

[String](#) – The display type of the element as String.

### Sample

```
var et = forms.customer.elements.customer_id.getElemenType();
```

### getHeight

[Number](#) **getHeight()**

Returns the height of the current element.

NOTE: getHeight() can be used with getWidth() to set the size of an element using the setSize function. For example:

//returns the width (w) and height (h)

```
var w = forms.company.elements.faxBtn.getWidth();
```

```
var h = forms.company.elements.faxBtn.getHeight();
```

//sets the new size

```
forms.company.elements.faxBtn.setSize(w,h);
```

//sets the new size and adds 1 px to both the width and height

```
forms.company.elements.faxBtn.setSize(w+1,h+1);
```

### Returns

[Number](#) – The height of the element in pixels.

### Sample

```
var ht = forms.customer.elements.customer_id.getHeight();
```

### getLeftForm

[controller](#) **getLeftForm()**

Returns the left form of the split pane.

### Returns

[controller](#) – left form of the split pane

### Sample

```
var leftForm = forms.customer.elements.customer_id.getLeftForm();
```

### getLocationX

[Number](#) **getLocationX()**

Returns the x location of the current element.

NOTE: getLocationX() can be used with getLocationY() to set the location of an element using the setLocation function. For Example:

//returns the X and Y coordinates

```
var x = forms.company.elements.faxBtn.getLocationX();
```

```
var y = forms.company.elements.faxBtn.getLocationY();
```

//sets the new location 10 px to the right; 10 px down from the current location

```
forms.company.elements.faxBtn.setLocation(x+10,y+10);
```

### Returns

[Number](#) – The x location of the element in pixels.

### Sample

```
var x = forms.customer.elements.customer_id.getLocationX();
```

### getLocationY

[Number](#) **getLocationY()**

Returns the y location of the current element.

NOTE: getLocationY() can be used with getLocationX() to set the location of an element using the setLocation function. For Example:

//returns the X and Y coordinates

```
var x = forms.company.elements.faxBtn.getLocationX();
```

```
var y = forms.company.elements.faxBtn.getLocationY();
```

//sets the new location 10 px to the right; 10 px down from the current location

```
forms.company.elements.faxBtn.setLocation(x+10,y+10);
```

**Returns**

[Number](#) – The y location of the element in pixels.

**Sample**

```
var y = forms.customer.elements.customer_id.getLocationY();
```

**getName**

[String](#) **getName()**

Returns the name of an element. (may be null as well)

**Returns**

[String](#) – The name of the element.

**Sample**

```
var name = forms.customer.elements.customer_id.getName();
```

**getRightForm**

[controller](#) **getRightForm()**

Returns the right form of the split pane.

**Returns**

[controller](#) – right form of the split pane

**Sample**

```
var rightForm = forms.customer.elements.customer_id.getRightForm();
```

**getWidth**

[Number](#) **getWidth()**

Returns the width of the current element.

NOTE: getWidth() can be used with getHeight() to set the size of an element using the setSize function. For Example:

```
//returns the width (w) and height (h)
var w = forms.company.elements.faxBtn.getWidth();
var h = forms.company.elements.faxBtn.getHeight();
```

```
//sets the new size
forms.company.elements.faxBtn.setSize(w,h);
```

```
//sets the new size and adds 1 px to both the width and height
forms.company.elements.faxBtn.setSize(w+1,h+1);
```

**Returns**

[Number](#) – The width of the element in pixels.

**Sample**

```
var w = forms.customer.elements.customer_id.getWidth();
```

**putClientProperty**

void **putClientProperty**(key, value)

Sets the value for the specified element client property key.

NOTE: Depending on the operating system, a user interface property name may be available.

**Parameters**

[Object](#) key – user interface key (depends on operating system)

[Object](#) value – a predefined value for the key

**Returns**

void

**Sample**

```
forms.customer.elements.customer_id.putClientProperty('ToolTipText','some text');
```

**setLeftForm**

[Boolean](#) **setLeftForm**(form)

Set a relationless or related form as left panel.

### Parameters

{Object} form – the specified form or form name you wish to add as left panel

### Returns

Boolean – a boolean value indicating if tab was successfully added

### Sample

```
forms.customer.elements.customer_id.setLeftForm(forms.orders);
```

### setLeftForm

Boolean **setLeftForm**(form, relation)

Set a relationless or related form as left panel.

### Parameters

{Object} form – the specified form or form name you wish to add as left panel

{Object} relation – the relation name or a related foundset or null for relationless

### Returns

Boolean – a boolean value indicating if tab was successfully added

### Sample

```
forms.customer.elements.customer_id.setLeftForm(forms.orders, 'orders_to_order_details');
```

### setLocation

void **setLocation**(x, y)

Sets the location of an element. It takes as input the X (horizontal) and Y (vertical) coordinates - starting from the TOP LEFT side of the screen.

NOTE: getLocationX() can be used with getLocationY() to return the current location of an element; then use the X and Y coordinates with the setLocation function to set a new location. For Example:

```
//returns the X and Y coordinates
```

```
var x = forms.company.elements.faxBtn.getLocationX();
```

```
var y = forms.company.elements.faxBtn.getLocationY();
```

```
//sets the new location 10 px to the right; 10 px down from the current location
```

```
forms.company.elements.faxBtn.setLocation(x+10,y+10);
```

### Parameters

{Number} x – the X coordinate of the element in pixels.

{Number} y – the Y coordinate of the element in pixels.

### Returns

void

### Sample

```
forms.customer.elements.customer_id.setLocation(200,200);
```

### setRightForm

Boolean **setRightForm**(form)

Set a relationless or related form as right panel.

### Parameters

{Object} form – the specified form or form name you wish to add as right panel

### Returns

Boolean – a boolean value indicating if tab was successfully added

### Sample

```
forms.customer.elements.customer_id.setRightForm(forms.orders);
```

### setRightForm

Boolean **setRightForm**(form, relation)

Set a relationless or related form as right panel.

### Parameters

{Object} form – the specified form or form name you wish to add as right panel

{Object} relation – the relation name or a related foundset or null for relationless

### Returns

Boolean – a boolean value indicating if tab was successfully added

### Sample

```
forms.customer.elements.customer_id.setRightForm(forms.orders,'orders_to_order_details');
```

### setSize

void **setSize**(width, height)

Sets the size of the field. It takes as input the width and the height.

NOTE: getWidth() can be used with getHeight() to set the size of an element using the setSize function. For Example:

//returns the width (w) and height (h)

```
var w = forms.company.elements.faxBtn.getWidth();
```

```
var h = forms.company.elements.faxBtn.getHeight();
```

//sets the new size

```
forms.company.elements.faxBtn.setSize(w,h);
```

//sets the new size and adds 1 px to both the width and height

```
forms.company.elements.faxBtn.setSize(w+1,h+1);
```

### Parameters

{[Number](#)} width – the width of the element in pixels.

{[Number](#)} height – the height of the element in pixels.

### Returns

void

### Sample

```
forms.customer.elements.customer_id.setSize(20,30);
```