Overview

The Text Pad Control creates a multiline text entry field which includes both horizontal and vertical scroll bars. Unlike other text entry fields, you can specify various Text Pad attributes, including font and color choice.

Text Pads are helpful when you want to provide a large text-based input area for users.

Ancestors:

sashelp.fsp.Object.class
sashelp.fsp.Widget.class
sashelp.classes.Afcontrol.class

Class:

sashelp.classes.Textpad_c.class

Using the Text Pad Control

Key properties to set

text attribute (default attribute) Specify a list of text strings that you want to appear in the text pad. When you click the value cell for the text attribute, the Text window appears where you can enter the text strings you want.

Note: Only set this attribute if you want text to appear in a text pad by default. Otherwise, enter text in the text pad at run-time. △
Build-time attributes

The following attribute is a build-time attribute, meaning it can only be set at build-time if you choose to use it:

- borderStyle

Attributes

Public attributes specified for the Text Pad Control class are described here. See sashelp.classes.Afcontrol.class for inherited attributes.

Dictionary

backgroundColor

Returns or sets the background color of a control

Type: Character
Valid Values: (All SAS-supported color values)
Editor: sashelp.classes.colorEditor.frame

borderStyle

Returns or sets the border style of a control

Type: Character
Valid Values: None, Native, Simple, Shadow, Button, Embossed

cursorPosition

Returns or sets the position of the cursor in the input area of the control

Type: Numeric
Valid Values:

---

**defaultAttribute**

Returns or sets the attribute name used for the object's default attribute

*Type:* Character

*Valid Values:* `\sashelp.classes.defaultattributevalues.scl`

---

**description**

Returns the short description for the object

*Type:* Character

*Valid Values:* 

---

**dragInfo**

Returns or sets the information that is transferred from the control when a drag operation occurs

*Type:* List

*Valid Values:* 

*Editor:* `SASHHELP.FSP.DRAGDROPINFOEDITOR.FRAME`

---

**dropInfo**

Returns or sets the information that defines the data representations that can be dropped on the control
Type: List  
Valid Values:  
Editor: SASHELP.FSP.DRAGDROPINFOEDITOR.FRAME

---

**editable**

Returns or sets whether the control is editable or read only  
Type: Character  
Valid Values: Yes, No

---

**font**

Returns or sets the font applied to the text  
Type: List  
Valid Values:  
Editor: sashelp.classes.fontEditor3.scl

---

**justification**

Returns or sets the justification applied to the text  
Type: Character  
Valid Values: Left, Center, Right

---

**keyFeedback**

Returns or sets whether the key event is sent with every keystroke
**rowPosition**

Returns or sets the row of the cursor in the input area of the control

---

**markedText**

Returns the marked text of the input area

**Type:** List

**Valid Values:**

**Editor:** `sashelp.classes.SimpleListEditor.frame`

---

**maximumCharacters**

Returns or sets the maximum number of characters allowed

**Type:** Numeric

**Valid Values:**

---

**maximumRows**

Returns or sets the maximum number of rows allowed

**Type:** Numeric

**Valid Values:**

---

**rowPosition**

Returns or sets the row of the cursor in the input area of the control

---

**Type:** Character

**Valid Values:** Yes, No
scrollbars

Returns or sets whether to display scrollbars
Type:  Character
Valid Values:  Both, Horizontal, Vertical, None

text

Returns or sets a list containing the text to display
Type:  List
Valid Values:
Editor:  sashelp.classes.stringlisteditor.frame

textColor

Returns or sets the foreground color of the text
Type:  Character
Valid Values:  (All SAS-supported color values)
Editor:  sashelp.classes.colorEditor.frame

textOrientation

Returns or sets how the text in the input area is written
Type: Character
Valid Values: Yes, No

---

topRow

Returns or sets the row displayed at the top
Type: Numeric
Valid Values:

---

upperCase

Returns or sets whether the text is converted to uppercase
Type: Character
Valid Values: Yes, No

---

Methods

Methods specified for the Text Pad Control class are described here. See sashelp.classes.Afcontrol.class for inherited methods.

---

_clearMark

Clears the marked text

---

Syntax

objectName_clearMark();
_getMark

Get mark position

Syntax

objectName_getMark( startRow, startColumn, endRow, endColumn );

<table>
<thead>
<tr>
<th>Argument</th>
<th>Type</th>
<th>Use</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>startRow</td>
<td>Numeric</td>
<td>Output</td>
<td>Returns the starting row of the marked text</td>
</tr>
<tr>
<td>startColumn</td>
<td>Numeric</td>
<td>Output</td>
<td>Returns the starting column of the marked text</td>
</tr>
<tr>
<td>endRow</td>
<td>Numeric</td>
<td>Output</td>
<td>Returns the ending row of the marked text</td>
</tr>
<tr>
<td>endColumn</td>
<td>Numeric</td>
<td>Output</td>
<td>Returns the ending column of the marked text</td>
</tr>
</tbody>
</table>

_onClick

Invoked when the click event occurs

Syntax

objectName_onClick( );

_onDoubleClick

Invoked when the doubleClick event occurs
Text Pad Control

Syntax
objectName_onDoubleClick();

_onKey
Invoked when the key event occurs
Syntax
objectName_onKey();

_onPopup
Invoked when the popup event occurs
Syntax
objectName_onPopup();

_onReturnKey
Invoked when the returnKey event occurs
Syntax
objectName_onReturnKey();
_onValueChanged

Invoked when the valueChanged event occurs

Syntax

objectName_onValueChanged();

_setMark

Set mark position

Syntax

objectName_setMark( startRow, startColumn, endRow, endColumn );

<table>
<thead>
<tr>
<th>Argument</th>
<th>Type</th>
<th>Use</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>startRow</td>
<td>Numeric</td>
<td>Input</td>
<td>Specifies the starting row for the marked text</td>
</tr>
<tr>
<td>startColumn</td>
<td>Numeric</td>
<td>Input</td>
<td>Specifies the starting column for the marked text</td>
</tr>
<tr>
<td>endRow</td>
<td>Numeric</td>
<td>Input</td>
<td>Specifies the ending row for the marked text</td>
</tr>
<tr>
<td>endColumn</td>
<td>Numeric</td>
<td>Input</td>
<td>Specifies the ending column for the marked text</td>
</tr>
</tbody>
</table>

_showPopup

Displays a pop-up menu containing items in a list
Syntax

objectId._showPopup( popupItemList, selectedIndex );

<table>
<thead>
<tr>
<th>Argument</th>
<th>Type</th>
<th>Use</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>popupItemList</td>
<td>List</td>
<td>Input</td>
<td>specifies the items to display in the popup</td>
</tr>
<tr>
<td>selectedIndex</td>
<td>Numeric</td>
<td>Update</td>
<td>specifies the index of the item selected from the menu</td>
</tr>
</tbody>
</table>

Events

Events specified for the Text Pad Control class are described here. See sashelp.classes.Afcontrol.class for inherited events.

dclick
  Occurs on a click
cursorPosition changed
  Occurs when the cursorPosition attribute is changed
doubleClick
  Occurs on a double-click
editable changed
  Occurs when the editable attribute is changed
font changed
  Occurs when the font attribute is changed
justification changed
  Occurs when the justification attribute is changed
key
  Occurs on a keystroke
dkeyFeedback changed
  Occurs when the keyFeedback attribute is changed
markedText changed
  Occurs when the markedText attribute is changed
maximumCharacters changed
  Occurs when the maximumCharacters attribute is changed
maximumRows changed
  Occurs when the maximumRows attribute is changed
popup
  Occurs on a popup request
returnKey
  Occurs on a carriage Return or Enter
rowPosition changed
  Occurs when the rowPosition attribute is changed
scrollbars changed
  Occurs when the scrollbars attribute is changed
text changed
  Occurs when the text attribute is changed
textColor changed
  Occurs when the textColor attribute is changed
textOrientation changed
  Occurs when the textOrientation attribute is changed
topRow changed
  Occurs when the topRow attribute is changed
upperCase changed
  Occurs when the upperCase attribute is changed
valueChanged
  Occurs when the value of the text entry is changed through a key event, cut and paste, or delete

---

**Event Handlers**

Event handlers specified for the Text Pad Control class are described here. See sashelp.classes.Padcontrol for inherited event handlers.

<table>
<thead>
<tr>
<th>Event</th>
<th>Method</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>.click</td>
<td>_onClick</td>
<td>Executes when the click event occurs</td>
</tr>
<tr>
<td>.doubleClick</td>
<td>_onDoubleClick</td>
<td>Executes when the doubleClick event occurs</td>
</tr>
<tr>
<td>.key</td>
<td>_onKey</td>
<td>Executes when the key event occurs</td>
</tr>
<tr>
<td>.popup</td>
<td>_onPopup</td>
<td>Executes when the popup event occurs</td>
</tr>
<tr>
<td>.returnKey</td>
<td>_onReturnKey</td>
<td>Executes when the returnKey event occurs</td>
</tr>
<tr>
<td>.valueChanged</td>
<td>_onValueChanged</td>
<td>Executes when the valueChanged event occurs</td>
</tr>
</tbody>
</table>