Overview

The Desktop Icon Control enables you to use icons in your SAS/AF applications. SAS/AF supplies a library of icons representing common tasks from which to choose. In addition to SAS supplied icons, some hosts provide interfaces that support user-defined icons.

Ancestors:

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

Class:

- sashelp.classes.Desktopicon_c.class

Using the Desktop Icon Control

Key properties to set

- label attribute (Default Attribute)

  To set the label via SCL:

  ```sas
  desktopicon1.label = 'Start';
  ```

  Alternatively, you may omit the property name when setting or querying the default attribute via SCL:

  ```sas
  desktopicon1 = 'Start';
  ```
buttonStyle attribute

To set the buttonStyle via SCL:

```markdown
desktopicon1.buttonStyle = 'Icon Only';
```

commandOnClick attribute

To set the command via SCL:

```markdown
desktopicon1.commandOnClick = 'end';
```

icon attribute

To set the icon via SCL:

```markdown
desktopicon1.icon = 3;
```

## Attributes

Public attributes specified for the Desktop Icon Control class are described here. See `sashelp.classes.Afcontrol.class` for inherited attributes.

### Dictionary

#### buttonStyle

*Returns or sets the style of the button*

**Type:** Character  
**Valid Values:** Icon with Text to Right, Icon with Text Under

#### conformSize

*Returns or sets whether to size the height of the control based on the font used for the text*

**Type:** Character  
**Valid Values:** Yes, No

#### defaultAttribute

*Returns or sets the attribute name used for the object's default attribute*
**Desktop Icon Control**

### description

*Returns the short description for the object*

**Type:** Character  
**Valid Values:** \sashelp.classes.defaultattributevalues.scl

### dragInfo

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

**Type:** List  
**Valid Values:**  
**Editor:** SASHELP.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

### font

*Returns or sets the font applied to the text*
Type: List
Valid Values:
Editor: sashelp.classes.fonteditor3.scl

icon

Returns or sets the icon displayed
Type: Numeric
Valid Values:
Editor: sashelp.classes.iconEditor.scl

iconStyle

Returns or sets the icon style
Type: Character
Valid Values: Small Icons, Large Icons

label

Returns or sets the text displayed as the label
Type: Character
Valid Values:

labelColor

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

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**Methods**

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

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**_onClick**

Invoked when the click event occurs

---

**Syntax**

objectName_onClick( );

---

**_onConformSize**

Invoked when the conformSize event occurs

---

**Syntax**

objectName_onConformSize( );

---

**_onPopup**

Invoked when the popup event occurs
Syntax

```
objectName._onPopup( );
```

__showPopup__

Displays a pop-up menu containing items in a list

Syntax

```
objectName._showPopup( popupItemList, selectedIndex );
```

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<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>
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</table>

Events

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

- buttonStyle changed
  - Occurs when the buttonStyle attribute is changed
- click
  - Occurs on a click
- conformSize
  - Occurs when the control is resized due to conformSize
- conformSize changed
  - Occurs when the conformSize attribute is changed
- font changed
  - Occurs when the font attribute is changed
icon changed
   Occurs when the icon attribute is changed
iconStyle changed
   Occurs when the iconStyle attribute is changed
label changed
   Occurs when the label attribute is changed
labelColor changed
   Occurs when the labelColor attribute is changed
popup
   Occurs on a popup request

---

**Event Handlers**

Event handlers specified for the Desktop Icon Control class are described here. See sashelp.classes.Afcontrol.class for inherited event handlers.

<table>
<thead>
<tr>
<th>Event</th>
<th>Method</th>
<th>Description</th>
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<tbody>
<tr>
<td>.click</td>
<td>_onClick</td>
<td>Executes when the click event occurs</td>
</tr>
<tr>
<td>.conformSize</td>
<td>_onConformSize</td>
<td>Executes when the conformSize event occurs</td>
</tr>
<tr>
<td>.popup</td>
<td>_onPopup</td>
<td>Executes when the popup event occurs</td>
</tr>
</tbody>
</table>