

SWTML FAQs

- [What are all supported XML attributes for SWT Widget in SWTML?](#)
- [Which SWT events are common to all widgets?](#)
- [How to declare SWT resources like Image, Font and Color in SWTML?](#)
- [How to define SWT Layout in SWTML?](#)
- [How can I use SWTML to create Eclipse plugin UI?](#)
- [How to get reference of SWT Widget in Java Code?](#)

Q) What are all supported XML attributes for SWT Widget in SWTML? For any SWT Widget all "setter" methods with basic Java types as parameter are supported as attribute.

For example, `setToolTipText(<str>)` is supported as attribute "toolTipText".

There are few custom attributes defined in swtml. Custome attributes are prefix with underscore "_" symbol.

[Top](#)

Q) Which SWT events are common to all widgets? SWT.Dispose, SWT.DragDetect, SWT.FocusIn, SWT.FocusOut, SWT.Help, SWT.KeyDown, SWT.KeyUp, SWT.MenuDetect, SWT.MouseDoubleClick, SWT.MouseDown, SWT.MouseEnter, SWT.MouseExit, SWT.MouseHover, SWT.MouseUp, SWT.MouseMove, SWT.Move, SWT.Paint, SWT.Resize and SWT.Traverse. [Top](#)

Q) How to declare SWT resources like Image, Font and Color in SWTML? Image Image can be assigned to a widget in two ways.

1) Using `_image-id` attribute :

```
<!-- Declare image as resource -->
<image
<!-- use with multiple use control -->
<tool-item
<menu-item
```

2) Using `_image` attribute :

```
<!-- Inline image -->
```

`<tool-item`

`</tool-item>`

Font Font can be assigned to a widget in two ways.Â-

1) Using **_font-id attribute** :

```
<font
<text
</text
```

```
>
```

2) Using sub-element ** tag** :

```
<label
</label
```

```
>
```

Color 1) For widget with color support :

```
<text
</text
```

```
>
```

[Top](#)

SWT Layout	SWTML tag
FillLayout	<fill-layout>
RowLayout	<row-layout>
GridLayout	<grid-layout> and <grid-data>
StackLayout	<stack-layout>

Attribute	Supported Values
type	SWT.HORIZONTAL or SWT.VERTICAL

Attribute	Supported Values
fill	true or false
justify	true or false
marginbottom	integer
marginheight	integer
marginleft	integer
marginright	integer
pack	true or false
spacing	integer
type	SWT.HORIZONTAL or SWT.VERTICAL
wrap	true or false

`</composite`

`>`

[Top](#)

Q) How to get reference of SWT Widget in Java Code? Assign "id" attribute to widget in XML. Example :

`<text`

`#ata`

Then use `SWTObjectMap` class to get reference of SWT Widget.

`(`

`$get`

[Top](#)