| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/SynthStyleFactory.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**PREV CLASS**](http://docs.google.com/javax/swing/plaf/synth/SynthStyle.html)   NEXT CLASS | [**FRAMES**](http://docs.google.com/index.html?javax/swing/plaf/synth/SynthStyleFactory.html)    [**NO FRAMES**](http://docs.google.com/SynthStyleFactory.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

## **javax.swing.plaf.synth**

Class SynthStyleFactory

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **javax.swing.plaf.synth.SynthStyleFactory**

public abstract class **SynthStyleFactory**extends [Object](http://docs.google.com/java/lang/Object.html)

Factory used for obtaining SynthStyles. Each of the Synth ComponentUIs will call into the current SynthStyleFactory to obtain a SynthStyle for each of the distinct regions they have.

The following example creates a custom SynthStyleFactory that returns a different style based on the Region:

class MyStyleFactory extends SynthStyleFactory {  
 public SynthStyle getStyle(JComponent c, Region id) {  
 if (id == Region.BUTTON) {  
 return buttonStyle;  
 }  
 else if (id == Region.TREE) {  
 return treeStyle;  
 }  
 return defaultStyle;  
 }  
 }  
 SynthLookAndFeel laf = new SynthLookAndFeel();  
 UIManager.setLookAndFeel(laf);  
 SynthLookAndFeel.setStyleFactory(new MyStyleFactory());

**Since:** 1.5 **See Also:**[SynthStyleFactory](http://docs.google.com/javax/swing/plaf/synth/SynthStyleFactory.html), [SynthStyle](http://docs.google.com/javax/swing/plaf/synth/SynthStyle.html)

| **Constructor Summary** | |
| --- | --- |
| [**SynthStyleFactory**](http://docs.google.com/javax/swing/plaf/synth/SynthStyleFactory.html#SynthStyleFactory())()            Creates a SynthStyleFactory. |

| **Method Summary** | |
| --- | --- |
| abstract  [SynthStyle](http://docs.google.com/javax/swing/plaf/synth/SynthStyle.html) | [**getStyle**](http://docs.google.com/javax/swing/plaf/synth/SynthStyleFactory.html#getStyle(javax.swing.JComponent,%20javax.swing.plaf.synth.Region))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c, [Region](http://docs.google.com/javax/swing/plaf/synth/Region.html) id)            Returns the style for the specified Component. |

| **Methods inherited from class java.lang.**[**Object**](http://docs.google.com/java/lang/Object.html) |
| --- |
| [clone](http://docs.google.com/java/lang/Object.html#clone()), [equals](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)), [finalize](http://docs.google.com/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [hashCode](http://docs.google.com/java/lang/Object.html#hashCode()), [notify](http://docs.google.com/java/lang/Object.html#notify()), [notifyAll](http://docs.google.com/java/lang/Object.html#notifyAll()), [toString](http://docs.google.com/java/lang/Object.html#toString()), [wait](http://docs.google.com/java/lang/Object.html#wait()), [wait](http://docs.google.com/java/lang/Object.html#wait(long)), [wait](http://docs.google.com/java/lang/Object.html#wait(long,%20int)) |

| **Constructor Detail** |
| --- |

### SynthStyleFactory

public **SynthStyleFactory**()

Creates a SynthStyleFactory.

| **Method Detail** |
| --- |

### getStyle

public abstract [SynthStyle](http://docs.google.com/javax/swing/plaf/synth/SynthStyle.html) **getStyle**([JComponent](http://docs.google.com/javax/swing/JComponent.html) c,  
 [Region](http://docs.google.com/javax/swing/plaf/synth/Region.html) id)

Returns the style for the specified Component.

**Parameters:**c - Component asking forid - Region identifier **Returns:**SynthStyle for region.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/SynthStyleFactory.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**PREV CLASS**](http://docs.google.com/javax/swing/plaf/synth/SynthStyle.html)   NEXT CLASS | [**FRAMES**](http://docs.google.com/index.html?javax/swing/plaf/synth/SynthStyleFactory.html)    [**NO FRAMES**](http://docs.google.com/SynthStyleFactory.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

[Submit a bug or feature](http://bugs.sun.com/services/bugreport/index.jsp)

For further API reference and developer documentation, see [Java SE Developer Documentation](http://docs.google.com/webnotes/devdocs-vs-specs.html). That documentation contains more detailed, developer-targeted descriptions, with conceptual overviews, definitions of terms, workarounds, and working code examples.

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