| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/MetalSeparatorUI.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/metal/MetalScrollPaneUI.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/plaf/metal/MetalSliderUI.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/plaf/metal/MetalSeparatorUI.html)    [**NO FRAMES**](http://docs.google.com/MetalSeparatorUI.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#2et92p0) | [CONSTR](#tyjcwt) | [METHOD](#3dy6vkm) | DETAIL: FIELD | [CONSTR](#17dp8vu) | [METHOD](#26in1rg) |

## **javax.swing.plaf.metal**

Class MetalSeparatorUI

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [javax.swing.plaf.ComponentUI](http://docs.google.com/javax/swing/plaf/ComponentUI.html)  
 [javax.swing.plaf.SeparatorUI](http://docs.google.com/javax/swing/plaf/SeparatorUI.html)  
 [javax.swing.plaf.basic.BasicSeparatorUI](http://docs.google.com/javax/swing/plaf/basic/BasicSeparatorUI.html)  
 **javax.swing.plaf.metal.MetalSeparatorUI**

**Direct Known Subclasses:** [MetalPopupMenuSeparatorUI](http://docs.google.com/javax/swing/plaf/metal/MetalPopupMenuSeparatorUI.html)

public class **MetalSeparatorUI**extends [BasicSeparatorUI](http://docs.google.com/javax/swing/plaf/basic/BasicSeparatorUI.html)

A Metal L&F implementation of SeparatorUI. This implementation is a "combined" view/controller.

**Warning:** Serialized objects of this class will not be compatible with future Swing releases. The current serialization support is appropriate for short term storage or RMI between applications running the same version of Swing. As of 1.4, support for long term storage of all JavaBeansTM has been added to the java.beans package. Please see [XMLEncoder](http://docs.google.com/java/beans/XMLEncoder.html).

| **Field Summary** | |
| --- | --- |

| **Fields inherited from class javax.swing.plaf.basic.**[**BasicSeparatorUI**](http://docs.google.com/javax/swing/plaf/basic/BasicSeparatorUI.html) |
| --- |
| [highlight](http://docs.google.com/javax/swing/plaf/basic/BasicSeparatorUI.html#highlight), [shadow](http://docs.google.com/javax/swing/plaf/basic/BasicSeparatorUI.html#shadow) |

| **Constructor Summary** | |
| --- | --- |
| [**MetalSeparatorUI**](http://docs.google.com/javax/swing/plaf/metal/MetalSeparatorUI.html#MetalSeparatorUI())() |

| **Method Summary** | |
| --- | --- |
| static [ComponentUI](http://docs.google.com/javax/swing/plaf/ComponentUI.html) | [**createUI**](http://docs.google.com/javax/swing/plaf/metal/MetalSeparatorUI.html#createUI(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | [**getPreferredSize**](http://docs.google.com/javax/swing/plaf/metal/MetalSeparatorUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c)            Returns the specified component's preferred size appropriate for the look and feel. |
| protected  void | [**installDefaults**](http://docs.google.com/javax/swing/plaf/metal/MetalSeparatorUI.html#installDefaults(javax.swing.JSeparator))([JSeparator](http://docs.google.com/javax/swing/JSeparator.html) s) |
| void | [**paint**](http://docs.google.com/javax/swing/plaf/metal/MetalSeparatorUI.html#paint(java.awt.Graphics,%20javax.swing.JComponent))([Graphics](http://docs.google.com/java/awt/Graphics.html) g, [JComponent](http://docs.google.com/javax/swing/JComponent.html) c)            Paints the specified component appropriate for the look and feel. |

| **Methods inherited from class javax.swing.plaf.basic.**[**BasicSeparatorUI**](http://docs.google.com/javax/swing/plaf/basic/BasicSeparatorUI.html) |
| --- |
| [getMaximumSize](http://docs.google.com/javax/swing/plaf/basic/BasicSeparatorUI.html#getMaximumSize(javax.swing.JComponent)), [getMinimumSize](http://docs.google.com/javax/swing/plaf/basic/BasicSeparatorUI.html#getMinimumSize(javax.swing.JComponent)), [installListeners](http://docs.google.com/javax/swing/plaf/basic/BasicSeparatorUI.html#installListeners(javax.swing.JSeparator)), [installUI](http://docs.google.com/javax/swing/plaf/basic/BasicSeparatorUI.html#installUI(javax.swing.JComponent)), [uninstallDefaults](http://docs.google.com/javax/swing/plaf/basic/BasicSeparatorUI.html#uninstallDefaults(javax.swing.JSeparator)), [uninstallListeners](http://docs.google.com/javax/swing/plaf/basic/BasicSeparatorUI.html#uninstallListeners(javax.swing.JSeparator)), [uninstallUI](http://docs.google.com/javax/swing/plaf/basic/BasicSeparatorUI.html#uninstallUI(javax.swing.JComponent)) |

| **Methods inherited from class javax.swing.plaf.**[**ComponentUI**](http://docs.google.com/javax/swing/plaf/ComponentUI.html) |
| --- |
| [contains](http://docs.google.com/javax/swing/plaf/ComponentUI.html#contains(javax.swing.JComponent,%20int,%20int)), [getAccessibleChild](http://docs.google.com/javax/swing/plaf/ComponentUI.html#getAccessibleChild(javax.swing.JComponent,%20int)), [getAccessibleChildrenCount](http://docs.google.com/javax/swing/plaf/ComponentUI.html#getAccessibleChildrenCount(javax.swing.JComponent)), [getBaseline](http://docs.google.com/javax/swing/plaf/ComponentUI.html#getBaseline(javax.swing.JComponent,%20int,%20int)), [getBaselineResizeBehavior](http://docs.google.com/javax/swing/plaf/ComponentUI.html#getBaselineResizeBehavior(javax.swing.JComponent)), [update](http://docs.google.com/javax/swing/plaf/ComponentUI.html#update(java.awt.Graphics,%20javax.swing.JComponent)) |

| **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** |
| --- |

### MetalSeparatorUI

public **MetalSeparatorUI**()

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

### createUI

public static [ComponentUI](http://docs.google.com/javax/swing/plaf/ComponentUI.html) **createUI**([JComponent](http://docs.google.com/javax/swing/JComponent.html) c)

### installDefaults

protected void **installDefaults**([JSeparator](http://docs.google.com/javax/swing/JSeparator.html) s)

**Overrides:**[installDefaults](http://docs.google.com/javax/swing/plaf/basic/BasicSeparatorUI.html#installDefaults(javax.swing.JSeparator)) in class [BasicSeparatorUI](http://docs.google.com/javax/swing/plaf/basic/BasicSeparatorUI.html)

### paint

public void **paint**([Graphics](http://docs.google.com/java/awt/Graphics.html) g,  
 [JComponent](http://docs.google.com/javax/swing/JComponent.html) c)

**Description copied from class:** [**ComponentUI**](http://docs.google.com/javax/swing/plaf/ComponentUI.html#paint(java.awt.Graphics,%20javax.swing.JComponent)) Paints the specified component appropriate for the look and feel. This method is invoked from the ComponentUI.update method when the specified component is being painted. Subclasses should override this method and use the specified Graphics object to render the content of the component.

**Overrides:**[paint](http://docs.google.com/javax/swing/plaf/basic/BasicSeparatorUI.html#paint(java.awt.Graphics,%20javax.swing.JComponent)) in class [BasicSeparatorUI](http://docs.google.com/javax/swing/plaf/basic/BasicSeparatorUI.html) **Parameters:**g - the Graphics context in which to paintc - the component being painted; this argument is often ignored, but might be used if the UI object is stateless and shared by multiple components**See Also:**[ComponentUI.update(java.awt.Graphics, javax.swing.JComponent)](http://docs.google.com/javax/swing/plaf/ComponentUI.html#update(java.awt.Graphics,%20javax.swing.JComponent))

### getPreferredSize

public [Dimension](http://docs.google.com/java/awt/Dimension.html) **getPreferredSize**([JComponent](http://docs.google.com/javax/swing/JComponent.html) c)

**Description copied from class:** [**ComponentUI**](http://docs.google.com/javax/swing/plaf/ComponentUI.html#getPreferredSize(javax.swing.JComponent)) Returns the specified component's preferred size appropriate for the look and feel. If null is returned, the preferred size will be calculated by the component's layout manager instead (this is the preferred approach for any component with a specific layout manager installed). The default implementation of this method returns null.

**Overrides:**[getPreferredSize](http://docs.google.com/javax/swing/plaf/basic/BasicSeparatorUI.html#getPreferredSize(javax.swing.JComponent)) in class [BasicSeparatorUI](http://docs.google.com/javax/swing/plaf/basic/BasicSeparatorUI.html) **Parameters:**c - the component whose preferred size is being queried; this argument is often ignored, but might be used if the UI object is stateless and shared by multiple components**See Also:**[JComponent.getPreferredSize()](http://docs.google.com/javax/swing/JComponent.html#getPreferredSize()), [LayoutManager.preferredLayoutSize(java.awt.Container)](http://docs.google.com/java/awt/LayoutManager.html#preferredLayoutSize(java.awt.Container))

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/MetalSeparatorUI.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/metal/MetalScrollPaneUI.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/plaf/metal/MetalSliderUI.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/plaf/metal/MetalSeparatorUI.html)    [**NO FRAMES**](http://docs.google.com/MetalSeparatorUI.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#2et92p0) | [CONSTR](#tyjcwt) | [METHOD](#3dy6vkm) | DETAIL: FIELD | [CONSTR](#17dp8vu) | [METHOD](#26in1rg) |

[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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