| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/MetalProgressBarUI.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/MetalPopupMenuSeparatorUI.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/plaf/metal/MetalRadioButtonUI.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/plaf/metal/MetalProgressBarUI.html)    [**NO FRAMES**](http://docs.google.com/MetalProgressBarUI.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: [NESTED](#2et92p0) | [FIELD](#3dy6vkm) | [CONSTR](#1t3h5sf) | [METHOD](#4d34og8) | DETAIL: FIELD | [CONSTR](#26in1rg) | [METHOD](#35nkun2) |

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

Class MetalProgressBarUI

[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.ProgressBarUI](http://docs.google.com/javax/swing/plaf/ProgressBarUI.html)  
 [javax.swing.plaf.basic.BasicProgressBarUI](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.html)  
 **javax.swing.plaf.metal.MetalProgressBarUI**

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

The Metal implementation of ProgressBarUI.

**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).

| **Nested Class Summary** | |
| --- | --- |

| **Nested classes/interfaces inherited from class javax.swing.plaf.basic.**[**BasicProgressBarUI**](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.html) |
| --- |
| [BasicProgressBarUI.ChangeHandler](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.ChangeHandler.html) |

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

| **Fields inherited from class javax.swing.plaf.basic.**[**BasicProgressBarUI**](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.html) |
| --- |
| [boxRect](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.html#boxRect), [changeListener](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.html#changeListener), [progressBar](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.html#progressBar) |

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

| **Method Summary** | |
| --- | --- |
| static [ComponentUI](http://docs.google.com/javax/swing/plaf/ComponentUI.html) | [**createUI**](http://docs.google.com/javax/swing/plaf/metal/MetalProgressBarUI.html#createUI(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c) |
| void | [**paintDeterminate**](http://docs.google.com/javax/swing/plaf/metal/MetalProgressBarUI.html#paintDeterminate(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)            Draws a bit of special highlighting on the progress bar. |
| void | [**paintIndeterminate**](http://docs.google.com/javax/swing/plaf/metal/MetalProgressBarUI.html#paintIndeterminate(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)            Draws a bit of special highlighting on the progress bar and bouncing box. |

| **Methods inherited from class javax.swing.plaf.basic.**[**BasicProgressBarUI**](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.html) |
| --- |
| [getAmountFull](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.html#getAmountFull(java.awt.Insets,%20int,%20int)), [getAnimationIndex](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.html#getAnimationIndex()), [getBaseline](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.html#getBaseline(javax.swing.JComponent,%20int,%20int)), [getBaselineResizeBehavior](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.html#getBaselineResizeBehavior(javax.swing.JComponent)), [getBox](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.html#getBox(java.awt.Rectangle)), [getBoxLength](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.html#getBoxLength(int,%20int)), [getCellLength](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.html#getCellLength()), [getCellSpacing](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.html#getCellSpacing()), [getFrameCount](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.html#getFrameCount()), [getMaximumSize](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.html#getMaximumSize(javax.swing.JComponent)), [getMinimumSize](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.html#getMinimumSize(javax.swing.JComponent)), [getPreferredInnerHorizontal](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.html#getPreferredInnerHorizontal()), [getPreferredInnerVertical](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.html#getPreferredInnerVertical()), [getPreferredSize](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.html#getPreferredSize(javax.swing.JComponent)), [getSelectionBackground](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.html#getSelectionBackground()), [getSelectionForeground](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.html#getSelectionForeground()), [getStringPlacement](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.html#getStringPlacement(java.awt.Graphics,%20java.lang.String,%20int,%20int,%20int,%20int)), [incrementAnimationIndex](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.html#incrementAnimationIndex()), [installDefaults](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.html#installDefaults()), [installListeners](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.html#installListeners()), [installUI](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.html#installUI(javax.swing.JComponent)), [paint](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.html#paint(java.awt.Graphics,%20javax.swing.JComponent)), [paintString](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.html#paintString(java.awt.Graphics,%20int,%20int,%20int,%20int,%20int,%20java.awt.Insets)), [setAnimationIndex](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.html#setAnimationIndex(int)), [setCellLength](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.html#setCellLength(int)), [setCellSpacing](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.html#setCellSpacing(int)), [startAnimationTimer](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.html#startAnimationTimer()), [stopAnimationTimer](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.html#stopAnimationTimer()), [uninstallDefaults](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.html#uninstallDefaults()), [uninstallListeners](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.html#uninstallListeners()), [uninstallUI](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.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)), [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** |
| --- |

### MetalProgressBarUI

public **MetalProgressBarUI**()

| **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)

### paintDeterminate

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

Draws a bit of special highlighting on the progress bar. The core painting is deferred to the BasicProgressBar's paintDeterminate method.

**Overrides:**[paintDeterminate](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.html#paintDeterminate(java.awt.Graphics,%20javax.swing.JComponent)) in class [BasicProgressBarUI](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.html) **Since:** 1.4 **See Also:**[BasicProgressBarUI.paintIndeterminate(java.awt.Graphics, javax.swing.JComponent)](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.html#paintIndeterminate(java.awt.Graphics,%20javax.swing.JComponent))

### paintIndeterminate

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

Draws a bit of special highlighting on the progress bar and bouncing box. The core painting is deferred to the BasicProgressBar's paintIndeterminate method.

**Overrides:**[paintIndeterminate](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.html#paintIndeterminate(java.awt.Graphics,%20javax.swing.JComponent)) in class [BasicProgressBarUI](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.html) **Since:** 1.4 **See Also:**[BasicProgressBarUI.paintDeterminate(java.awt.Graphics, javax.swing.JComponent)](http://docs.google.com/javax/swing/plaf/basic/BasicProgressBarUI.html#paintDeterminate(java.awt.Graphics,%20javax.swing.JComponent))

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/MetalProgressBarUI.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/MetalPopupMenuSeparatorUI.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/plaf/metal/MetalRadioButtonUI.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/plaf/metal/MetalProgressBarUI.html)    [**NO FRAMES**](http://docs.google.com/MetalProgressBarUI.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: [NESTED](#2et92p0) | [FIELD](#3dy6vkm) | [CONSTR](#1t3h5sf) | [METHOD](#4d34og8) | DETAIL: FIELD | [CONSTR](#26in1rg) | [METHOD](#35nkun2) |

[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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