| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/MetalMenuBarUI.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/MetalLookAndFeel.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/plaf/metal/MetalPopupMenuSeparatorUI.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/plaf/metal/MetalMenuBarUI.html)    [**NO FRAMES**](http://docs.google.com/MetalMenuBarUI.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 MetalMenuBarUI

[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.MenuBarUI](http://docs.google.com/javax/swing/plaf/MenuBarUI.html)  
 [javax.swing.plaf.basic.BasicMenuBarUI](http://docs.google.com/javax/swing/plaf/basic/BasicMenuBarUI.html)  
 **javax.swing.plaf.metal.MetalMenuBarUI**

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

Metal implementation of MenuBarUI. This class is responsible for providing the metal look and feel for JMenuBars.

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

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

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

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

| **Method Summary** | |
| --- | --- |
| static [ComponentUI](http://docs.google.com/javax/swing/plaf/ComponentUI.html) | [**createUI**](http://docs.google.com/javax/swing/plaf/metal/MetalMenuBarUI.html#createUI(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) x)            Creates the ComponentUI implementation for the passed in component. |
| void | [**installUI**](http://docs.google.com/javax/swing/plaf/metal/MetalMenuBarUI.html#installUI(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c)            Configures the specified component appropriate for the metal look and feel. |
| void | [**uninstallUI**](http://docs.google.com/javax/swing/plaf/metal/MetalMenuBarUI.html#uninstallUI(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c)            Reverses configuration which was done on the specified component during installUI. |
| void | [**update**](http://docs.google.com/javax/swing/plaf/metal/MetalMenuBarUI.html#update(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)            If necessary paints the background of the component, then invokes paint. |

| **Methods inherited from class javax.swing.plaf.basic.**[**BasicMenuBarUI**](http://docs.google.com/javax/swing/plaf/basic/BasicMenuBarUI.html) |
| --- |
| [createChangeListener](http://docs.google.com/javax/swing/plaf/basic/BasicMenuBarUI.html#createChangeListener()), [createContainerListener](http://docs.google.com/javax/swing/plaf/basic/BasicMenuBarUI.html#createContainerListener()), [getMaximumSize](http://docs.google.com/javax/swing/plaf/basic/BasicMenuBarUI.html#getMaximumSize(javax.swing.JComponent)), [getMinimumSize](http://docs.google.com/javax/swing/plaf/basic/BasicMenuBarUI.html#getMinimumSize(javax.swing.JComponent)), [installDefaults](http://docs.google.com/javax/swing/plaf/basic/BasicMenuBarUI.html#installDefaults()), [installKeyboardActions](http://docs.google.com/javax/swing/plaf/basic/BasicMenuBarUI.html#installKeyboardActions()), [installListeners](http://docs.google.com/javax/swing/plaf/basic/BasicMenuBarUI.html#installListeners()), [uninstallDefaults](http://docs.google.com/javax/swing/plaf/basic/BasicMenuBarUI.html#uninstallDefaults()), [uninstallKeyboardActions](http://docs.google.com/javax/swing/plaf/basic/BasicMenuBarUI.html#uninstallKeyboardActions()), [uninstallListeners](http://docs.google.com/javax/swing/plaf/basic/BasicMenuBarUI.html#uninstallListeners()) |

| **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)), [getPreferredSize](http://docs.google.com/javax/swing/plaf/ComponentUI.html#getPreferredSize(javax.swing.JComponent)), [paint](http://docs.google.com/javax/swing/plaf/ComponentUI.html#paint(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** |
| --- |

### MetalMenuBarUI

public **MetalMenuBarUI**()

| **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) x)

Creates the ComponentUI implementation for the passed in component.

**Parameters:**x - JComponent to create the ComponentUI implementation for **Returns:**ComponentUI implementation for x **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if x is null

### installUI

public void **installUI**([JComponent](http://docs.google.com/javax/swing/JComponent.html) c)

Configures the specified component appropriate for the metal look and feel.

**Overrides:**[installUI](http://docs.google.com/javax/swing/plaf/basic/BasicMenuBarUI.html#installUI(javax.swing.JComponent)) in class [BasicMenuBarUI](http://docs.google.com/javax/swing/plaf/basic/BasicMenuBarUI.html) **Parameters:**c - the component where this UI delegate is being installed **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if c is null.**See Also:**[ComponentUI.uninstallUI(javax.swing.JComponent)](http://docs.google.com/javax/swing/plaf/ComponentUI.html#uninstallUI(javax.swing.JComponent)), [JComponent.setUI(javax.swing.plaf.ComponentUI)](http://docs.google.com/javax/swing/JComponent.html#setUI(javax.swing.plaf.ComponentUI)), [JComponent.updateUI()](http://docs.google.com/javax/swing/JComponent.html#updateUI())

### uninstallUI

public void **uninstallUI**([JComponent](http://docs.google.com/javax/swing/JComponent.html) c)

Reverses configuration which was done on the specified component during installUI.

**Overrides:**[uninstallUI](http://docs.google.com/javax/swing/plaf/basic/BasicMenuBarUI.html#uninstallUI(javax.swing.JComponent)) in class [BasicMenuBarUI](http://docs.google.com/javax/swing/plaf/basic/BasicMenuBarUI.html) **Parameters:**c - the component where this UI delegate is being installed **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if c is null.**See Also:**[ComponentUI.installUI(javax.swing.JComponent)](http://docs.google.com/javax/swing/plaf/ComponentUI.html#installUI(javax.swing.JComponent)), [JComponent.updateUI()](http://docs.google.com/javax/swing/JComponent.html#updateUI())

### update

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

If necessary paints the background of the component, then invokes paint.

**Overrides:**[update](http://docs.google.com/javax/swing/plaf/ComponentUI.html#update(java.awt.Graphics,%20javax.swing.JComponent)) in class [ComponentUI](http://docs.google.com/javax/swing/plaf/ComponentUI.html) **Parameters:**g - Graphics to paint toc - JComponent painting on **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if g or c is null**Since:** 1.5 **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)), [ComponentUI.paint(java.awt.Graphics, javax.swing.JComponent)](http://docs.google.com/javax/swing/plaf/ComponentUI.html#paint(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/MetalMenuBarUI.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/MetalLookAndFeel.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/plaf/metal/MetalPopupMenuSeparatorUI.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/plaf/metal/MetalMenuBarUI.html)    [**NO FRAMES**](http://docs.google.com/MetalMenuBarUI.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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