| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/DefaultMetalTheme.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   [**NEXT CLASS**](http://docs.google.com/javax/swing/plaf/metal/MetalBorders.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/plaf/metal/DefaultMetalTheme.html)    [**NO FRAMES**](http://docs.google.com/DefaultMetalTheme.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: FIELD | [CONSTR](#4d34og8) | [METHOD](#17dp8vu) |

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

Class DefaultMetalTheme

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [javax.swing.plaf.metal.MetalTheme](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html)  
 **javax.swing.plaf.metal.DefaultMetalTheme**

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

public class **DefaultMetalTheme**extends [MetalTheme](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html)

A concrete implementation of MetalTheme providing the original look of the Java Look and Feel, code-named "Steel". Refer to [MetalLookAndFeel.setCurrentTheme(javax.swing.plaf.metal.MetalTheme)](http://docs.google.com/javax/swing/plaf/metal/MetalLookAndFeel.html#setCurrentTheme(javax.swing.plaf.metal.MetalTheme)) for details on changing the default theme.

All colors returned by DefaultMetalTheme are completely opaque.

### Font Style

DefaultMetalTheme uses bold fonts for many controls. To make all controls (with the exception of the internal frame title bars and client decorated frame title bars) use plain fonts you can do either of the following:

* Set the system property swing.boldMetal to false. For example, java -Dswing.boldMetal=false MyApp.
* Set the defaults property swing.boldMetal to Boolean.FALSE. For example: UIManager.put("swing.boldMetal", Boolean.FALSE);

The defaults property swing.boldMetal, if set, takes precendence over the system property of the same name. After setting this defaults property you need to re-install MetalLookAndFeel, as well as update the UI of any previously created widgets. Otherwise the results are undefined. The following illustrates how to do this:

// turn off bold fonts  
 UIManager.put("swing.boldMetal", Boolean.FALSE);  
  
 // re-install the Metal Look and Feel  
 UIManager.setLookAndFeel(new MetalLookAndFeel());  
  
 // Update the ComponentUIs for all Components. This  
 // needs to be invoked for all windows.  
 SwingUtilities.updateComponentTreeUI(rootComponent);

**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).

**See Also:**[MetalLookAndFeel](http://docs.google.com/javax/swing/plaf/metal/MetalLookAndFeel.html), [MetalLookAndFeel.setCurrentTheme(javax.swing.plaf.metal.MetalTheme)](http://docs.google.com/javax/swing/plaf/metal/MetalLookAndFeel.html#setCurrentTheme(javax.swing.plaf.metal.MetalTheme))

| **Constructor Summary** | |
| --- | --- |
| [**DefaultMetalTheme**](http://docs.google.com/javax/swing/plaf/metal/DefaultMetalTheme.html#DefaultMetalTheme())()            Creates and returns an instance of DefaultMetalTheme. |

| **Method Summary** | |
| --- | --- |
| [FontUIResource](http://docs.google.com/javax/swing/plaf/FontUIResource.html) | [**getControlTextFont**](http://docs.google.com/javax/swing/plaf/metal/DefaultMetalTheme.html#getControlTextFont())()            Returns the control text font. |
| [FontUIResource](http://docs.google.com/javax/swing/plaf/FontUIResource.html) | [**getMenuTextFont**](http://docs.google.com/javax/swing/plaf/metal/DefaultMetalTheme.html#getMenuTextFont())()            Returns the menu text font. |
| [String](http://docs.google.com/java/lang/String.html) | [**getName**](http://docs.google.com/javax/swing/plaf/metal/DefaultMetalTheme.html#getName())()            Returns the name of this theme. |
| protected  [ColorUIResource](http://docs.google.com/javax/swing/plaf/ColorUIResource.html) | [**getPrimary1**](http://docs.google.com/javax/swing/plaf/metal/DefaultMetalTheme.html#getPrimary1())()            Returns the primary 1 color. |
| protected  [ColorUIResource](http://docs.google.com/javax/swing/plaf/ColorUIResource.html) | [**getPrimary2**](http://docs.google.com/javax/swing/plaf/metal/DefaultMetalTheme.html#getPrimary2())()            Returns the primary 2 color. |
| protected  [ColorUIResource](http://docs.google.com/javax/swing/plaf/ColorUIResource.html) | [**getPrimary3**](http://docs.google.com/javax/swing/plaf/metal/DefaultMetalTheme.html#getPrimary3())()            Returns the primary 3 color. |
| protected  [ColorUIResource](http://docs.google.com/javax/swing/plaf/ColorUIResource.html) | [**getSecondary1**](http://docs.google.com/javax/swing/plaf/metal/DefaultMetalTheme.html#getSecondary1())()            Returns the secondary 1 color. |
| protected  [ColorUIResource](http://docs.google.com/javax/swing/plaf/ColorUIResource.html) | [**getSecondary2**](http://docs.google.com/javax/swing/plaf/metal/DefaultMetalTheme.html#getSecondary2())()            Returns the secondary 2 color. |
| protected  [ColorUIResource](http://docs.google.com/javax/swing/plaf/ColorUIResource.html) | [**getSecondary3**](http://docs.google.com/javax/swing/plaf/metal/DefaultMetalTheme.html#getSecondary3())()            Returns the secondary 3 color. |
| [FontUIResource](http://docs.google.com/javax/swing/plaf/FontUIResource.html) | [**getSubTextFont**](http://docs.google.com/javax/swing/plaf/metal/DefaultMetalTheme.html#getSubTextFont())()            Returns the sub-text font. |
| [FontUIResource](http://docs.google.com/javax/swing/plaf/FontUIResource.html) | [**getSystemTextFont**](http://docs.google.com/javax/swing/plaf/metal/DefaultMetalTheme.html#getSystemTextFont())()            Returns the system text font. |
| [FontUIResource](http://docs.google.com/javax/swing/plaf/FontUIResource.html) | [**getUserTextFont**](http://docs.google.com/javax/swing/plaf/metal/DefaultMetalTheme.html#getUserTextFont())()            Returns the user text font. |
| [FontUIResource](http://docs.google.com/javax/swing/plaf/FontUIResource.html) | [**getWindowTitleFont**](http://docs.google.com/javax/swing/plaf/metal/DefaultMetalTheme.html#getWindowTitleFont())()            Returns the window title font. |

| **Methods inherited from class javax.swing.plaf.metal.**[**MetalTheme**](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html) |
| --- |
| [addCustomEntriesToTable](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#addCustomEntriesToTable(javax.swing.UIDefaults)), [getAcceleratorForeground](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#getAcceleratorForeground()), [getAcceleratorSelectedForeground](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#getAcceleratorSelectedForeground()), [getBlack](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#getBlack()), [getControl](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#getControl()), [getControlDarkShadow](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#getControlDarkShadow()), [getControlDisabled](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#getControlDisabled()), [getControlHighlight](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#getControlHighlight()), [getControlInfo](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#getControlInfo()), [getControlShadow](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#getControlShadow()), [getControlTextColor](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#getControlTextColor()), [getDesktopColor](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#getDesktopColor()), [getFocusColor](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#getFocusColor()), [getHighlightedTextColor](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#getHighlightedTextColor()), [getInactiveControlTextColor](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#getInactiveControlTextColor()), [getInactiveSystemTextColor](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#getInactiveSystemTextColor()), [getMenuBackground](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#getMenuBackground()), [getMenuDisabledForeground](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#getMenuDisabledForeground()), [getMenuForeground](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#getMenuForeground()), [getMenuSelectedBackground](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#getMenuSelectedBackground()), [getMenuSelectedForeground](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#getMenuSelectedForeground()), [getPrimaryControl](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#getPrimaryControl()), [getPrimaryControlDarkShadow](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#getPrimaryControlDarkShadow()), [getPrimaryControlHighlight](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#getPrimaryControlHighlight()), [getPrimaryControlInfo](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#getPrimaryControlInfo()), [getPrimaryControlShadow](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#getPrimaryControlShadow()), [getSeparatorBackground](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#getSeparatorBackground()), [getSeparatorForeground](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#getSeparatorForeground()), [getSystemTextColor](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#getSystemTextColor()), [getTextHighlightColor](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#getTextHighlightColor()), [getUserTextColor](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#getUserTextColor()), [getWhite](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#getWhite()), [getWindowBackground](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#getWindowBackground()), [getWindowTitleBackground](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#getWindowTitleBackground()), [getWindowTitleForeground](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#getWindowTitleForeground()), [getWindowTitleInactiveBackground](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#getWindowTitleInactiveBackground()), [getWindowTitleInactiveForeground](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#getWindowTitleInactiveForeground()) |

| **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** |
| --- |

### DefaultMetalTheme

public **DefaultMetalTheme**()

Creates and returns an instance of DefaultMetalTheme.

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

### getName

public [String](http://docs.google.com/java/lang/String.html) **getName**()

Returns the name of this theme. This returns "Steel".

**Specified by:**[getName](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#getName()) in class [MetalTheme](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html) **Returns:**the name of this theme.

### getPrimary1

protected [ColorUIResource](http://docs.google.com/javax/swing/plaf/ColorUIResource.html) **getPrimary1**()

Returns the primary 1 color. This returns a color with rgb values of 102, 102, and 153, respectively.

**Specified by:**[getPrimary1](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#getPrimary1()) in class [MetalTheme](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html) **Returns:**the primary 1 color

### getPrimary2

protected [ColorUIResource](http://docs.google.com/javax/swing/plaf/ColorUIResource.html) **getPrimary2**()

Returns the primary 2 color. This returns a color with rgb values of 153, 153, 204, respectively.

**Specified by:**[getPrimary2](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#getPrimary2()) in class [MetalTheme](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html) **Returns:**the primary 2 color

### getPrimary3

protected [ColorUIResource](http://docs.google.com/javax/swing/plaf/ColorUIResource.html) **getPrimary3**()

Returns the primary 3 color. This returns a color with rgb values 204, 204, 255, respectively.

**Specified by:**[getPrimary3](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#getPrimary3()) in class [MetalTheme](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html) **Returns:**the primary 3 color

### getSecondary1

protected [ColorUIResource](http://docs.google.com/javax/swing/plaf/ColorUIResource.html) **getSecondary1**()

Returns the secondary 1 color. This returns a color with rgb values 102, 102, and 102, respectively.

**Specified by:**[getSecondary1](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#getSecondary1()) in class [MetalTheme](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html) **Returns:**the secondary 1 color

### getSecondary2

protected [ColorUIResource](http://docs.google.com/javax/swing/plaf/ColorUIResource.html) **getSecondary2**()

Returns the secondary 2 color. This returns a color with rgb values 153, 153, and 153, respectively.

**Specified by:**[getSecondary2](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#getSecondary2()) in class [MetalTheme](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html) **Returns:**the secondary 2 color

### getSecondary3

protected [ColorUIResource](http://docs.google.com/javax/swing/plaf/ColorUIResource.html) **getSecondary3**()

Returns the secondary 3 color. This returns a color with rgb values 204, 204, and 204, respectively.

**Specified by:**[getSecondary3](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#getSecondary3()) in class [MetalTheme](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html) **Returns:**the secondary 3 color

### getControlTextFont

public [FontUIResource](http://docs.google.com/javax/swing/plaf/FontUIResource.html) **getControlTextFont**()

Returns the control text font. This returns Dialog, 12pt. If plain fonts have been enabled as described in  [font style](#_3znysh7), the font style is plain. Otherwise the font style is bold.

**Specified by:**[getControlTextFont](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#getControlTextFont()) in class [MetalTheme](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html) **Returns:**the control text font

### getSystemTextFont

public [FontUIResource](http://docs.google.com/javax/swing/plaf/FontUIResource.html) **getSystemTextFont**()

Returns the system text font. This returns Dialog, 12pt, plain.

**Specified by:**[getSystemTextFont](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#getSystemTextFont()) in class [MetalTheme](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html) **Returns:**the sytem text font

### getUserTextFont

public [FontUIResource](http://docs.google.com/javax/swing/plaf/FontUIResource.html) **getUserTextFont**()

Returns the user text font. This returns Dialog, 12pt, plain.

**Specified by:**[getUserTextFont](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#getUserTextFont()) in class [MetalTheme](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html) **Returns:**the user text font

### getMenuTextFont

public [FontUIResource](http://docs.google.com/javax/swing/plaf/FontUIResource.html) **getMenuTextFont**()

Returns the menu text font. This returns Dialog, 12pt. If plain fonts have been enabled as described in  [font style](#_3znysh7), the font style is plain. Otherwise the font style is bold.

**Specified by:**[getMenuTextFont](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#getMenuTextFont()) in class [MetalTheme](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html) **Returns:**the menu text font

### getWindowTitleFont

public [FontUIResource](http://docs.google.com/javax/swing/plaf/FontUIResource.html) **getWindowTitleFont**()

Returns the window title font. This returns Dialog, 12pt, bold.

**Specified by:**[getWindowTitleFont](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#getWindowTitleFont()) in class [MetalTheme](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html) **Returns:**the window title font

### getSubTextFont

public [FontUIResource](http://docs.google.com/javax/swing/plaf/FontUIResource.html) **getSubTextFont**()

Returns the sub-text font. This returns Dialog, 10pt, plain.

**Specified by:**[getSubTextFont](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html#getSubTextFont()) in class [MetalTheme](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html) **Returns:**the sub-text font

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/DefaultMetalTheme.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   [**NEXT CLASS**](http://docs.google.com/javax/swing/plaf/metal/MetalBorders.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/plaf/metal/DefaultMetalTheme.html)    [**NO FRAMES**](http://docs.google.com/DefaultMetalTheme.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: FIELD | [CONSTR](#4d34og8) | [METHOD](#17dp8vu) |

[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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