| | [**Overview**](http://docs.google.com/overview-summary.html) | **Package** | Class | [**Use**](http://docs.google.com/package-use.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 PACKAGE**](http://docs.google.com/javax/swing/plaf/basic/package-summary.html)   [**NEXT PACKAGE**](http://docs.google.com/javax/swing/plaf/multi/package-summary.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/plaf/metal/package-summary.html)    [**NO FRAMES**](http://docs.google.com/package-summary.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

## Package javax.swing.plaf.metal

Provides user interface objects built according to the Java look and feel (once codenamed *Metal*), which is the default look and feel.

**See:**

[**Description**](#3znysh7)

| **Class Summary** | |
| --- | --- |
| [**DefaultMetalTheme**](http://docs.google.com/javax/swing/plaf/metal/DefaultMetalTheme.html) | A concrete implementation of MetalTheme providing the original look of the Java Look and Feel, code-named "Steel". |
| [**MetalBorders**](http://docs.google.com/javax/swing/plaf/metal/MetalBorders.html) | Factory object that can vend Borders appropriate for the metal L & F. |
| [**MetalBorders.ButtonBorder**](http://docs.google.com/javax/swing/plaf/metal/MetalBorders.ButtonBorder.html) |  |
| [**MetalBorders.Flush3DBorder**](http://docs.google.com/javax/swing/plaf/metal/MetalBorders.Flush3DBorder.html) |  |
| [**MetalBorders.InternalFrameBorder**](http://docs.google.com/javax/swing/plaf/metal/MetalBorders.InternalFrameBorder.html) |  |
| [**MetalBorders.MenuBarBorder**](http://docs.google.com/javax/swing/plaf/metal/MetalBorders.MenuBarBorder.html) |  |
| [**MetalBorders.MenuItemBorder**](http://docs.google.com/javax/swing/plaf/metal/MetalBorders.MenuItemBorder.html) |  |
| [**MetalBorders.OptionDialogBorder**](http://docs.google.com/javax/swing/plaf/metal/MetalBorders.OptionDialogBorder.html) |  |
| [**MetalBorders.PaletteBorder**](http://docs.google.com/javax/swing/plaf/metal/MetalBorders.PaletteBorder.html) | Border for a Palette. |
| [**MetalBorders.PopupMenuBorder**](http://docs.google.com/javax/swing/plaf/metal/MetalBorders.PopupMenuBorder.html) |  |
| [**MetalBorders.RolloverButtonBorder**](http://docs.google.com/javax/swing/plaf/metal/MetalBorders.RolloverButtonBorder.html) |  |
| [**MetalBorders.ScrollPaneBorder**](http://docs.google.com/javax/swing/plaf/metal/MetalBorders.ScrollPaneBorder.html) |  |
| [**MetalBorders.TableHeaderBorder**](http://docs.google.com/javax/swing/plaf/metal/MetalBorders.TableHeaderBorder.html) | Border for a Table Header |
| [**MetalBorders.TextFieldBorder**](http://docs.google.com/javax/swing/plaf/metal/MetalBorders.TextFieldBorder.html) |  |
| [**MetalBorders.ToggleButtonBorder**](http://docs.google.com/javax/swing/plaf/metal/MetalBorders.ToggleButtonBorder.html) |  |
| [**MetalBorders.ToolBarBorder**](http://docs.google.com/javax/swing/plaf/metal/MetalBorders.ToolBarBorder.html) |  |
| [**MetalButtonUI**](http://docs.google.com/javax/swing/plaf/metal/MetalButtonUI.html) | MetalButtonUI implementation |
| [**MetalCheckBoxIcon**](http://docs.google.com/javax/swing/plaf/metal/MetalCheckBoxIcon.html) | CheckboxIcon implementation for OrganicCheckBoxUI |
| [**MetalCheckBoxUI**](http://docs.google.com/javax/swing/plaf/metal/MetalCheckBoxUI.html) | CheckboxUI implementation for MetalCheckboxUI |
| [**MetalComboBoxButton**](http://docs.google.com/javax/swing/plaf/metal/MetalComboBoxButton.html) | JButton subclass to help out MetalComboBoxUI |
| [**MetalComboBoxEditor**](http://docs.google.com/javax/swing/plaf/metal/MetalComboBoxEditor.html) | The default editor for Metal editable combo boxes |
| [**MetalComboBoxEditor.UIResource**](http://docs.google.com/javax/swing/plaf/metal/MetalComboBoxEditor.UIResource.html) | A subclass of BasicComboBoxEditor that implements UIResource. |
| [**MetalComboBoxIcon**](http://docs.google.com/javax/swing/plaf/metal/MetalComboBoxIcon.html) | This utility class draws the horizontal bars which indicate a MetalComboBox |
| [**MetalComboBoxUI**](http://docs.google.com/javax/swing/plaf/metal/MetalComboBoxUI.html) | Metal UI for JComboBox |
| [**MetalDesktopIconUI**](http://docs.google.com/javax/swing/plaf/metal/MetalDesktopIconUI.html) | Metal desktop icon. |
| [**MetalFileChooserUI**](http://docs.google.com/javax/swing/plaf/metal/MetalFileChooserUI.html) | Metal L&F implementation of a FileChooser. |
| [**MetalIconFactory**](http://docs.google.com/javax/swing/plaf/metal/MetalIconFactory.html) | Factory object that vends Icons for the JavaTM look and feel (Metal). |
| [**MetalIconFactory.FileIcon16**](http://docs.google.com/javax/swing/plaf/metal/MetalIconFactory.FileIcon16.html) | **Warning:** Serialized objects of this class will not be compatible with future Swing releases. |
| [**MetalIconFactory.FolderIcon16**](http://docs.google.com/javax/swing/plaf/metal/MetalIconFactory.FolderIcon16.html) | **Warning:** Serialized objects of this class will not be compatible with future Swing releases. |
| [**MetalIconFactory.PaletteCloseIcon**](http://docs.google.com/javax/swing/plaf/metal/MetalIconFactory.PaletteCloseIcon.html) | Defines an icon for Palette close |
| [**MetalIconFactory.TreeControlIcon**](http://docs.google.com/javax/swing/plaf/metal/MetalIconFactory.TreeControlIcon.html) | **Warning:** Serialized objects of this class will not be compatible with future Swing releases. |
| [**MetalIconFactory.TreeFolderIcon**](http://docs.google.com/javax/swing/plaf/metal/MetalIconFactory.TreeFolderIcon.html) | **Warning:** Serialized objects of this class will not be compatible with future Swing releases. |
| [**MetalIconFactory.TreeLeafIcon**](http://docs.google.com/javax/swing/plaf/metal/MetalIconFactory.TreeLeafIcon.html) |  |
| [**MetalInternalFrameTitlePane**](http://docs.google.com/javax/swing/plaf/metal/MetalInternalFrameTitlePane.html) | Class that manages a JLF title bar |
| [**MetalInternalFrameUI**](http://docs.google.com/javax/swing/plaf/metal/MetalInternalFrameUI.html) | Metal implementation of JInternalFrame. |
| [**MetalLabelUI**](http://docs.google.com/javax/swing/plaf/metal/MetalLabelUI.html) | A Windows L&F implementation of LabelUI. |
| [**MetalLookAndFeel**](http://docs.google.com/javax/swing/plaf/metal/MetalLookAndFeel.html) | The Java Look and Feel, otherwise known as Metal. |
| [**MetalMenuBarUI**](http://docs.google.com/javax/swing/plaf/metal/MetalMenuBarUI.html) | Metal implementation of MenuBarUI. |
| [**MetalPopupMenuSeparatorUI**](http://docs.google.com/javax/swing/plaf/metal/MetalPopupMenuSeparatorUI.html) | A Metal L&F implementation of PopupMenuSeparatorUI. |
| [**MetalProgressBarUI**](http://docs.google.com/javax/swing/plaf/metal/MetalProgressBarUI.html) | The Metal implementation of ProgressBarUI. |
| [**MetalRadioButtonUI**](http://docs.google.com/javax/swing/plaf/metal/MetalRadioButtonUI.html) | RadioButtonUI implementation for MetalRadioButtonUI |
| [**MetalRootPaneUI**](http://docs.google.com/javax/swing/plaf/metal/MetalRootPaneUI.html) | Provides the metal look and feel implementation of RootPaneUI. |
| [**MetalScrollBarUI**](http://docs.google.com/javax/swing/plaf/metal/MetalScrollBarUI.html) | Implementation of ScrollBarUI for the Metal Look and Feel |
| [**MetalScrollButton**](http://docs.google.com/javax/swing/plaf/metal/MetalScrollButton.html) | JButton object for Metal scrollbar arrows. |
| [**MetalScrollPaneUI**](http://docs.google.com/javax/swing/plaf/metal/MetalScrollPaneUI.html) | A Metal L&F implementation of ScrollPaneUI. |
| [**MetalSeparatorUI**](http://docs.google.com/javax/swing/plaf/metal/MetalSeparatorUI.html) | A Metal L&F implementation of SeparatorUI. |
| [**MetalSliderUI**](http://docs.google.com/javax/swing/plaf/metal/MetalSliderUI.html) | A Java L&F implementation of SliderUI. |
| [**MetalSplitPaneUI**](http://docs.google.com/javax/swing/plaf/metal/MetalSplitPaneUI.html) | Metal split pane. |
| [**MetalTabbedPaneUI**](http://docs.google.com/javax/swing/plaf/metal/MetalTabbedPaneUI.html) | The Metal subclass of BasicTabbedPaneUI. |
| [**MetalTextFieldUI**](http://docs.google.com/javax/swing/plaf/metal/MetalTextFieldUI.html) | Basis of a look and feel for a JTextField. |
| [**MetalTheme**](http://docs.google.com/javax/swing/plaf/metal/MetalTheme.html) | MetalTheme provides the color palette and fonts used by the Java Look and Feel. |
| [**MetalToggleButtonUI**](http://docs.google.com/javax/swing/plaf/metal/MetalToggleButtonUI.html) | MetalToggleButton implementation |
| [**MetalToolBarUI**](http://docs.google.com/javax/swing/plaf/metal/MetalToolBarUI.html) | A Metal Look and Feel implementation of ToolBarUI. |
| [**MetalToolTipUI**](http://docs.google.com/javax/swing/plaf/metal/MetalToolTipUI.html) | A Metal L&F extension of BasicToolTipUI. |
| [**MetalTreeUI**](http://docs.google.com/javax/swing/plaf/metal/MetalTreeUI.html) | The metal look and feel implementation of TreeUI. |
| [**OceanTheme**](http://docs.google.com/javax/swing/plaf/metal/OceanTheme.html) | The default theme for the MetalLookAndFeel. |

## Package javax.swing.plaf.metal Description

Provides user interface objects built according to the Java look and feel (once codenamed *Metal*), which is the default look and feel.

These classes are designed to be used while the corresponding LookAndFeel class has been installed (UIManager.setLookAndFeel(new *XXX*LookAndFeel())). Using them while a different LookAndFeel is installed may produce unexpected results, including exceptions. Additionally, changing the LookAndFeel maintained by the UIManager without updating the corresponding ComponentUI of any JComponents may also produce unexpected results, such as the wrong colors showing up, and is generally not encouraged.

**Note:** Most of the Swing API is *not* thread safe. For details, see [Threads and Swing](http://java.sun.com/docs/books/tutorial/uiswing/overview/threads.html), a section in [*The Java Tutorial*](http://java.sun.com/docs/books/tutorial/).

**Since:** 1.2

| | [**Overview**](http://docs.google.com/overview-summary.html) | **Package** | Class | [**Use**](http://docs.google.com/package-use.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 PACKAGE**](http://docs.google.com/javax/swing/plaf/basic/package-summary.html)   [**NEXT PACKAGE**](http://docs.google.com/javax/swing/plaf/multi/package-summary.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/plaf/metal/package-summary.html)    [**NO FRAMES**](http://docs.google.com/package-summary.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

[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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