| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/MetalRadioButtonUI.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/MetalProgressBarUI.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/plaf/metal/MetalRootPaneUI.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/plaf/metal/MetalRadioButtonUI.html)    [**NO FRAMES**](http://docs.google.com/MetalRadioButtonUI.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#3dy6vkm) | [METHOD](#1t3h5sf) | DETAIL: [FIELD](#lnxbz9) | [CONSTR](#2jxsxqh) | [METHOD](#3j2qqm3) |

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

Class MetalRadioButtonUI

[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.ButtonUI](http://docs.google.com/javax/swing/plaf/ButtonUI.html)  
 [javax.swing.plaf.basic.BasicButtonUI](http://docs.google.com/javax/swing/plaf/basic/BasicButtonUI.html)  
 [javax.swing.plaf.basic.BasicToggleButtonUI](http://docs.google.com/javax/swing/plaf/basic/BasicToggleButtonUI.html)  
 [javax.swing.plaf.basic.BasicRadioButtonUI](http://docs.google.com/javax/swing/plaf/basic/BasicRadioButtonUI.html)  
 **javax.swing.plaf.metal.MetalRadioButtonUI**

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

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

RadioButtonUI implementation for MetalRadioButtonUI

**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** | |
| --- | --- |
| protected  [Color](http://docs.google.com/java/awt/Color.html) | [**disabledTextColor**](http://docs.google.com/javax/swing/plaf/metal/MetalRadioButtonUI.html#disabledTextColor) |
| protected  [Color](http://docs.google.com/java/awt/Color.html) | [**focusColor**](http://docs.google.com/javax/swing/plaf/metal/MetalRadioButtonUI.html#focusColor) |
| protected  [Color](http://docs.google.com/java/awt/Color.html) | [**selectColor**](http://docs.google.com/javax/swing/plaf/metal/MetalRadioButtonUI.html#selectColor) |

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

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

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

| **Method Summary** | |
| --- | --- |
| static [ComponentUI](http://docs.google.com/javax/swing/plaf/ComponentUI.html) | [**createUI**](http://docs.google.com/javax/swing/plaf/metal/MetalRadioButtonUI.html#createUI(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c) |
| protected  [Color](http://docs.google.com/java/awt/Color.html) | [**getDisabledTextColor**](http://docs.google.com/javax/swing/plaf/metal/MetalRadioButtonUI.html#getDisabledTextColor())() |
| protected  [Color](http://docs.google.com/java/awt/Color.html) | [**getFocusColor**](http://docs.google.com/javax/swing/plaf/metal/MetalRadioButtonUI.html#getFocusColor())() |
| protected  [Color](http://docs.google.com/java/awt/Color.html) | [**getSelectColor**](http://docs.google.com/javax/swing/plaf/metal/MetalRadioButtonUI.html#getSelectColor())() |
| void | [**installDefaults**](http://docs.google.com/javax/swing/plaf/metal/MetalRadioButtonUI.html#installDefaults(javax.swing.AbstractButton))([AbstractButton](http://docs.google.com/javax/swing/AbstractButton.html) b) |
| void | [**paint**](http://docs.google.com/javax/swing/plaf/metal/MetalRadioButtonUI.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)            paint the radio button |
| protected  void | [**paintFocus**](http://docs.google.com/javax/swing/plaf/metal/MetalRadioButtonUI.html#paintFocus(java.awt.Graphics,%20java.awt.Rectangle,%20java.awt.Dimension))([Graphics](http://docs.google.com/java/awt/Graphics.html) g, [Rectangle](http://docs.google.com/java/awt/Rectangle.html) t, [Dimension](http://docs.google.com/java/awt/Dimension.html) d) |
| protected  void | [**uninstallDefaults**](http://docs.google.com/javax/swing/plaf/metal/MetalRadioButtonUI.html#uninstallDefaults(javax.swing.AbstractButton))([AbstractButton](http://docs.google.com/javax/swing/AbstractButton.html) b) |

| **Methods inherited from class javax.swing.plaf.basic.**[**BasicRadioButtonUI**](http://docs.google.com/javax/swing/plaf/basic/BasicRadioButtonUI.html) |
| --- |
| [getDefaultIcon](http://docs.google.com/javax/swing/plaf/basic/BasicRadioButtonUI.html#getDefaultIcon()), [getPreferredSize](http://docs.google.com/javax/swing/plaf/basic/BasicRadioButtonUI.html#getPreferredSize(javax.swing.JComponent)), [getPropertyPrefix](http://docs.google.com/javax/swing/plaf/basic/BasicRadioButtonUI.html#getPropertyPrefix()) |

| **Methods inherited from class javax.swing.plaf.basic.**[**BasicToggleButtonUI**](http://docs.google.com/javax/swing/plaf/basic/BasicToggleButtonUI.html) |
| --- |
| [getTextShiftOffset](http://docs.google.com/javax/swing/plaf/basic/BasicToggleButtonUI.html#getTextShiftOffset()), [paintIcon](http://docs.google.com/javax/swing/plaf/basic/BasicToggleButtonUI.html#paintIcon(java.awt.Graphics,%20javax.swing.AbstractButton,%20java.awt.Rectangle)) |

| **Methods inherited from class javax.swing.plaf.basic.**[**BasicButtonUI**](http://docs.google.com/javax/swing/plaf/basic/BasicButtonUI.html) |
| --- |
| [clearTextShiftOffset](http://docs.google.com/javax/swing/plaf/basic/BasicButtonUI.html#clearTextShiftOffset()), [createButtonListener](http://docs.google.com/javax/swing/plaf/basic/BasicButtonUI.html#createButtonListener(javax.swing.AbstractButton)), [getBaseline](http://docs.google.com/javax/swing/plaf/basic/BasicButtonUI.html#getBaseline(javax.swing.JComponent,%20int,%20int)), [getBaselineResizeBehavior](http://docs.google.com/javax/swing/plaf/basic/BasicButtonUI.html#getBaselineResizeBehavior(javax.swing.JComponent)), [getDefaultTextIconGap](http://docs.google.com/javax/swing/plaf/basic/BasicButtonUI.html#getDefaultTextIconGap(javax.swing.AbstractButton)), [getMaximumSize](http://docs.google.com/javax/swing/plaf/basic/BasicButtonUI.html#getMaximumSize(javax.swing.JComponent)), [getMinimumSize](http://docs.google.com/javax/swing/plaf/basic/BasicButtonUI.html#getMinimumSize(javax.swing.JComponent)), [installKeyboardActions](http://docs.google.com/javax/swing/plaf/basic/BasicButtonUI.html#installKeyboardActions(javax.swing.AbstractButton)), [installListeners](http://docs.google.com/javax/swing/plaf/basic/BasicButtonUI.html#installListeners(javax.swing.AbstractButton)), [installUI](http://docs.google.com/javax/swing/plaf/basic/BasicButtonUI.html#installUI(javax.swing.JComponent)), [paintButtonPressed](http://docs.google.com/javax/swing/plaf/basic/BasicButtonUI.html#paintButtonPressed(java.awt.Graphics,%20javax.swing.AbstractButton)), [paintFocus](http://docs.google.com/javax/swing/plaf/basic/BasicButtonUI.html#paintFocus(java.awt.Graphics,%20javax.swing.AbstractButton,%20java.awt.Rectangle,%20java.awt.Rectangle,%20java.awt.Rectangle)), [paintIcon](http://docs.google.com/javax/swing/plaf/basic/BasicButtonUI.html#paintIcon(java.awt.Graphics,%20javax.swing.JComponent,%20java.awt.Rectangle)), [paintText](http://docs.google.com/javax/swing/plaf/basic/BasicButtonUI.html#paintText(java.awt.Graphics,%20javax.swing.AbstractButton,%20java.awt.Rectangle,%20java.lang.String)), [paintText](http://docs.google.com/javax/swing/plaf/basic/BasicButtonUI.html#paintText(java.awt.Graphics,%20javax.swing.JComponent,%20java.awt.Rectangle,%20java.lang.String)), [setTextShiftOffset](http://docs.google.com/javax/swing/plaf/basic/BasicButtonUI.html#setTextShiftOffset()), [uninstallKeyboardActions](http://docs.google.com/javax/swing/plaf/basic/BasicButtonUI.html#uninstallKeyboardActions(javax.swing.AbstractButton)), [uninstallListeners](http://docs.google.com/javax/swing/plaf/basic/BasicButtonUI.html#uninstallListeners(javax.swing.AbstractButton)), [uninstallUI](http://docs.google.com/javax/swing/plaf/basic/BasicButtonUI.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)) |

| **Field Detail** |
| --- |

### focusColor

protected [Color](http://docs.google.com/java/awt/Color.html) **focusColor**

### selectColor

protected [Color](http://docs.google.com/java/awt/Color.html) **selectColor**

### disabledTextColor

protected [Color](http://docs.google.com/java/awt/Color.html) **disabledTextColor**

| **Constructor Detail** |
| --- |

### MetalRadioButtonUI

public **MetalRadioButtonUI**()

| **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

public void **installDefaults**([AbstractButton](http://docs.google.com/javax/swing/AbstractButton.html) b)

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

### uninstallDefaults

protected void **uninstallDefaults**([AbstractButton](http://docs.google.com/javax/swing/AbstractButton.html) b)

**Overrides:**[uninstallDefaults](http://docs.google.com/javax/swing/plaf/basic/BasicRadioButtonUI.html#uninstallDefaults(javax.swing.AbstractButton)) in class [BasicRadioButtonUI](http://docs.google.com/javax/swing/plaf/basic/BasicRadioButtonUI.html)

### getSelectColor

protected [Color](http://docs.google.com/java/awt/Color.html) **getSelectColor**()

### getDisabledTextColor

protected [Color](http://docs.google.com/java/awt/Color.html) **getDisabledTextColor**()

### getFocusColor

protected [Color](http://docs.google.com/java/awt/Color.html) **getFocusColor**()

### 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:** [**BasicRadioButtonUI**](http://docs.google.com/javax/swing/plaf/basic/BasicRadioButtonUI.html#paint(java.awt.Graphics,%20javax.swing.JComponent)) paint the radio button

**Overrides:**[paint](http://docs.google.com/javax/swing/plaf/basic/BasicRadioButtonUI.html#paint(java.awt.Graphics,%20javax.swing.JComponent)) in class [BasicRadioButtonUI](http://docs.google.com/javax/swing/plaf/basic/BasicRadioButtonUI.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))

### paintFocus

protected void **paintFocus**([Graphics](http://docs.google.com/java/awt/Graphics.html) g,  
 [Rectangle](http://docs.google.com/java/awt/Rectangle.html) t,  
 [Dimension](http://docs.google.com/java/awt/Dimension.html) d)

**Overrides:**[paintFocus](http://docs.google.com/javax/swing/plaf/basic/BasicRadioButtonUI.html#paintFocus(java.awt.Graphics,%20java.awt.Rectangle,%20java.awt.Dimension)) in class [BasicRadioButtonUI](http://docs.google.com/javax/swing/plaf/basic/BasicRadioButtonUI.html)

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/MetalRadioButtonUI.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/MetalProgressBarUI.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/plaf/metal/MetalRootPaneUI.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/plaf/metal/MetalRadioButtonUI.html)    [**NO FRAMES**](http://docs.google.com/MetalRadioButtonUI.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#3dy6vkm) | [METHOD](#1t3h5sf) | DETAIL: [FIELD](#lnxbz9) | [CONSTR](#2jxsxqh) | [METHOD](#3j2qqm3) |

[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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