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

[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.DesktopIconUI](http://docs.google.com/javax/swing/plaf/DesktopIconUI.html)  
 [javax.swing.plaf.basic.BasicDesktopIconUI](http://docs.google.com/javax/swing/plaf/basic/BasicDesktopIconUI.html)  
 **javax.swing.plaf.metal.MetalDesktopIconUI**

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

Metal desktop icon.

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

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

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

| **Fields inherited from class javax.swing.plaf.basic.**[**BasicDesktopIconUI**](http://docs.google.com/javax/swing/plaf/basic/BasicDesktopIconUI.html) |
| --- |
| [desktopIcon](http://docs.google.com/javax/swing/plaf/basic/BasicDesktopIconUI.html#desktopIcon), [frame](http://docs.google.com/javax/swing/plaf/basic/BasicDesktopIconUI.html#frame), [iconPane](http://docs.google.com/javax/swing/plaf/basic/BasicDesktopIconUI.html#iconPane) |

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

| **Method Summary** | |
| --- | --- |
| static [ComponentUI](http://docs.google.com/javax/swing/plaf/ComponentUI.html) | [**createUI**](http://docs.google.com/javax/swing/plaf/metal/MetalDesktopIconUI.html#createUI(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c) |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | [**getMaximumSize**](http://docs.google.com/javax/swing/plaf/metal/MetalDesktopIconUI.html#getMaximumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c)            Desktop icons can not be resized. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | [**getMinimumSize**](http://docs.google.com/javax/swing/plaf/metal/MetalDesktopIconUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c)            Returns the specified component's minimum size appropriate for the look and feel. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | [**getPreferredSize**](http://docs.google.com/javax/swing/plaf/metal/MetalDesktopIconUI.html#getPreferredSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c)            Returns the specified component's preferred size appropriate for the look and feel. |
| protected  void | [**installComponents**](http://docs.google.com/javax/swing/plaf/metal/MetalDesktopIconUI.html#installComponents())() |
| protected  void | [**installDefaults**](http://docs.google.com/javax/swing/plaf/metal/MetalDesktopIconUI.html#installDefaults())() |
| protected  void | [**installListeners**](http://docs.google.com/javax/swing/plaf/metal/MetalDesktopIconUI.html#installListeners())() |
| protected  void | [**uninstallComponents**](http://docs.google.com/javax/swing/plaf/metal/MetalDesktopIconUI.html#uninstallComponents())() |
| protected  void | [**uninstallListeners**](http://docs.google.com/javax/swing/plaf/metal/MetalDesktopIconUI.html#uninstallListeners())() |

| **Methods inherited from class javax.swing.plaf.basic.**[**BasicDesktopIconUI**](http://docs.google.com/javax/swing/plaf/basic/BasicDesktopIconUI.html) |
| --- |
| [createMouseInputListener](http://docs.google.com/javax/swing/plaf/basic/BasicDesktopIconUI.html#createMouseInputListener()), [deiconize](http://docs.google.com/javax/swing/plaf/basic/BasicDesktopIconUI.html#deiconize()), [getInsets](http://docs.google.com/javax/swing/plaf/basic/BasicDesktopIconUI.html#getInsets(javax.swing.JComponent)), [installUI](http://docs.google.com/javax/swing/plaf/basic/BasicDesktopIconUI.html#installUI(javax.swing.JComponent)), [uninstallDefaults](http://docs.google.com/javax/swing/plaf/basic/BasicDesktopIconUI.html#uninstallDefaults()), [uninstallUI](http://docs.google.com/javax/swing/plaf/basic/BasicDesktopIconUI.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)), [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)), [paint](http://docs.google.com/javax/swing/plaf/ComponentUI.html#paint(java.awt.Graphics,%20javax.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** |
| --- |

### MetalDesktopIconUI

public **MetalDesktopIconUI**()

| **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

protected void **installDefaults**()

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

### installComponents

protected void **installComponents**()

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

### uninstallComponents

protected void **uninstallComponents**()

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

### installListeners

protected void **installListeners**()

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

### uninstallListeners

protected void **uninstallListeners**()

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

### getPreferredSize

public [Dimension](http://docs.google.com/java/awt/Dimension.html) **getPreferredSize**([JComponent](http://docs.google.com/javax/swing/JComponent.html) c)

**Description copied from class:** [**ComponentUI**](http://docs.google.com/javax/swing/plaf/ComponentUI.html#getPreferredSize(javax.swing.JComponent)) Returns the specified component's preferred size appropriate for the look and feel. If null is returned, the preferred size will be calculated by the component's layout manager instead (this is the preferred approach for any component with a specific layout manager installed). The default implementation of this method returns null.

**Overrides:**[getPreferredSize](http://docs.google.com/javax/swing/plaf/basic/BasicDesktopIconUI.html#getPreferredSize(javax.swing.JComponent)) in class [BasicDesktopIconUI](http://docs.google.com/javax/swing/plaf/basic/BasicDesktopIconUI.html) **Parameters:**c - the component whose preferred size is being queried; this argument is often ignored, but might be used if the UI object is stateless and shared by multiple components**See Also:**[JComponent.getPreferredSize()](http://docs.google.com/javax/swing/JComponent.html#getPreferredSize()), [LayoutManager.preferredLayoutSize(java.awt.Container)](http://docs.google.com/java/awt/LayoutManager.html#preferredLayoutSize(java.awt.Container))

### getMinimumSize

public [Dimension](http://docs.google.com/java/awt/Dimension.html) **getMinimumSize**([JComponent](http://docs.google.com/javax/swing/JComponent.html) c)

**Description copied from class:** [**ComponentUI**](http://docs.google.com/javax/swing/plaf/ComponentUI.html#getMinimumSize(javax.swing.JComponent)) Returns the specified component's minimum size appropriate for the look and feel. If null is returned, the minimum size will be calculated by the component's layout manager instead (this is the preferred approach for any component with a specific layout manager installed). The default implementation of this method invokes getPreferredSize and returns that value.

**Overrides:**[getMinimumSize](http://docs.google.com/javax/swing/plaf/basic/BasicDesktopIconUI.html#getMinimumSize(javax.swing.JComponent)) in class [BasicDesktopIconUI](http://docs.google.com/javax/swing/plaf/basic/BasicDesktopIconUI.html) **Parameters:**c - the component whose minimum size is being queried; this argument is often ignored, but might be used if the UI object is stateless and shared by multiple components **Returns:**a Dimension object or null**See Also:**[JComponent.getMinimumSize()](http://docs.google.com/javax/swing/JComponent.html#getMinimumSize()), [LayoutManager.minimumLayoutSize(java.awt.Container)](http://docs.google.com/java/awt/LayoutManager.html#minimumLayoutSize(java.awt.Container)), [ComponentUI.getPreferredSize(javax.swing.JComponent)](http://docs.google.com/javax/swing/plaf/ComponentUI.html#getPreferredSize(javax.swing.JComponent))

### getMaximumSize

public [Dimension](http://docs.google.com/java/awt/Dimension.html) **getMaximumSize**([JComponent](http://docs.google.com/javax/swing/JComponent.html) c)

**Description copied from class:** [**BasicDesktopIconUI**](http://docs.google.com/javax/swing/plaf/basic/BasicDesktopIconUI.html#getMaximumSize(javax.swing.JComponent)) Desktop icons can not be resized. Therefore, we should always return the minimum size of the desktop icon.

**Overrides:**[getMaximumSize](http://docs.google.com/javax/swing/plaf/basic/BasicDesktopIconUI.html#getMaximumSize(javax.swing.JComponent)) in class [BasicDesktopIconUI](http://docs.google.com/javax/swing/plaf/basic/BasicDesktopIconUI.html) **Parameters:**c - the component whose maximum size is being queried; this argument is often ignored, but might be used if the UI object is stateless and shared by multiple components **Returns:**a Dimension object or null**See Also:**[BasicDesktopIconUI.getMinimumSize(javax.swing.JComponent)](http://docs.google.com/javax/swing/plaf/basic/BasicDesktopIconUI.html#getMinimumSize(javax.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/MetalDesktopIconUI.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/MetalComboBoxUI.MetalPropertyChangeListener.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/plaf/metal/MetalFileChooserUI.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/plaf/metal/MetalDesktopIconUI.html)    [**NO FRAMES**](http://docs.google.com/MetalDesktopIconUI.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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