| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/MetalComboBoxUI.MetalComboPopup.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.MetalComboBoxLayoutManager.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/plaf/metal/MetalComboBoxUI.MetalPropertyChangeListener.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/plaf/metal/MetalComboBoxUI.MetalComboPopup.html)    [**NO FRAMES**](http://docs.google.com/MetalComboBoxUI.MetalComboPopup.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: [NESTED](#2et92p0) | [FIELD](#17dp8vu) | [CONSTR](#35nkun2) | [METHOD](#1ksv4uv) | DETAIL: FIELD | [CONSTR](#1ci93xb) | [METHOD](#2bn6wsx) |

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

Class MetalComboBoxUI.MetalComboPopup

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [java.awt.Component](http://docs.google.com/java/awt/Component.html)  
 [java.awt.Container](http://docs.google.com/java/awt/Container.html)  
 [javax.swing.JComponent](http://docs.google.com/javax/swing/JComponent.html)  
 [javax.swing.JPopupMenu](http://docs.google.com/javax/swing/JPopupMenu.html)  
 [javax.swing.plaf.basic.BasicComboPopup](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html)  
 **javax.swing.plaf.metal.MetalComboBoxUI.MetalComboPopup**

**All Implemented Interfaces:** [ImageObserver](http://docs.google.com/java/awt/image/ImageObserver.html), [MenuContainer](http://docs.google.com/java/awt/MenuContainer.html), [Serializable](http://docs.google.com/java/io/Serializable.html), [Accessible](http://docs.google.com/javax/accessibility/Accessible.html), [MenuElement](http://docs.google.com/javax/swing/MenuElement.html), [ComboPopup](http://docs.google.com/javax/swing/plaf/basic/ComboPopup.html) **Enclosing class:**[MetalComboBoxUI](http://docs.google.com/javax/swing/plaf/metal/MetalComboBoxUI.html)**Deprecated.** *As of Java 2 platform v1.4.*

[@Deprecated](http://docs.google.com/java/lang/Deprecated.html)  
public class **MetalComboBoxUI.MetalComboPopup**extends [BasicComboPopup](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html)

This inner class is marked "public" due to a compiler bug. This class should be treated as a "protected" inner class. Instantiate it only within subclasses of . This class is now obsolete and doesn't do anything and is only included for backwards API compatibility. Do not call or override.

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

| **Nested classes/interfaces inherited from class javax.swing.plaf.basic.**[**BasicComboPopup**](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html) |
| --- |
| [BasicComboPopup.InvocationKeyHandler](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.InvocationKeyHandler.html), [BasicComboPopup.InvocationMouseHandler](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.InvocationMouseHandler.html), [BasicComboPopup.InvocationMouseMotionHandler](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.InvocationMouseMotionHandler.html), [BasicComboPopup.ItemHandler](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.ItemHandler.html), [BasicComboPopup.ListDataHandler](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.ListDataHandler.html), [BasicComboPopup.ListMouseHandler](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.ListMouseHandler.html), [BasicComboPopup.ListMouseMotionHandler](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.ListMouseMotionHandler.html), [BasicComboPopup.ListSelectionHandler](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.ListSelectionHandler.html), [BasicComboPopup.PropertyChangeHandler](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.PropertyChangeHandler.html) |

| **Nested classes/interfaces inherited from class javax.swing.**[**JPopupMenu**](http://docs.google.com/javax/swing/JPopupMenu.html) |
| --- |
| [JPopupMenu.AccessibleJPopupMenu](http://docs.google.com/javax/swing/JPopupMenu.AccessibleJPopupMenu.html), [JPopupMenu.Separator](http://docs.google.com/javax/swing/JPopupMenu.Separator.html) |

| **Nested classes/interfaces inherited from class javax.swing.**[**JComponent**](http://docs.google.com/javax/swing/JComponent.html) |
| --- |
| [JComponent.AccessibleJComponent](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html) |

| **Nested classes/interfaces inherited from class java.awt.**[**Container**](http://docs.google.com/java/awt/Container.html) |
| --- |
| [Container.AccessibleAWTContainer](http://docs.google.com/java/awt/Container.AccessibleAWTContainer.html) |

| **Nested classes/interfaces inherited from class java.awt.**[**Component**](http://docs.google.com/java/awt/Component.html) |
| --- |
| [Component.AccessibleAWTComponent](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html), [Component.BaselineResizeBehavior](http://docs.google.com/java/awt/Component.BaselineResizeBehavior.html), [Component.BltBufferStrategy](http://docs.google.com/java/awt/Component.BltBufferStrategy.html), [Component.FlipBufferStrategy](http://docs.google.com/java/awt/Component.FlipBufferStrategy.html) |

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

| **Fields inherited from class javax.swing.plaf.basic.**[**BasicComboPopup**](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html) |
| --- |
| [autoscrollTimer](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#autoscrollTimer), [comboBox](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#comboBox), [hasEntered](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#hasEntered), [isAutoScrolling](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#isAutoScrolling), [itemListener](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#itemListener), [keyListener](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#keyListener), [list](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#list), [listDataListener](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#listDataListener), [listMouseListener](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#listMouseListener), [listMouseMotionListener](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#listMouseMotionListener), [listSelectionListener](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#listSelectionListener), [mouseListener](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#mouseListener), [mouseMotionListener](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#mouseMotionListener), [propertyChangeListener](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#propertyChangeListener), [SCROLL\_DOWN](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#SCROLL_DOWN), [SCROLL\_UP](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#SCROLL_UP), [scrollDirection](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#scrollDirection), [scroller](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#scroller), [valueIsAdjusting](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#valueIsAdjusting) |

| **Fields inherited from class javax.swing.**[**JComponent**](http://docs.google.com/javax/swing/JComponent.html) |
| --- |
| [accessibleContext](http://docs.google.com/javax/swing/JComponent.html#accessibleContext), [listenerList](http://docs.google.com/javax/swing/JComponent.html#listenerList), [TOOL\_TIP\_TEXT\_KEY](http://docs.google.com/javax/swing/JComponent.html#TOOL_TIP_TEXT_KEY), [ui](http://docs.google.com/javax/swing/JComponent.html#ui), [UNDEFINED\_CONDITION](http://docs.google.com/javax/swing/JComponent.html#UNDEFINED_CONDITION), [WHEN\_ANCESTOR\_OF\_FOCUSED\_COMPONENT](http://docs.google.com/javax/swing/JComponent.html#WHEN_ANCESTOR_OF_FOCUSED_COMPONENT), [WHEN\_FOCUSED](http://docs.google.com/javax/swing/JComponent.html#WHEN_FOCUSED), [WHEN\_IN\_FOCUSED\_WINDOW](http://docs.google.com/javax/swing/JComponent.html#WHEN_IN_FOCUSED_WINDOW) |

| **Fields inherited from class java.awt.**[**Component**](http://docs.google.com/java/awt/Component.html) |
| --- |
| [BOTTOM\_ALIGNMENT](http://docs.google.com/java/awt/Component.html#BOTTOM_ALIGNMENT), [CENTER\_ALIGNMENT](http://docs.google.com/java/awt/Component.html#CENTER_ALIGNMENT), [LEFT\_ALIGNMENT](http://docs.google.com/java/awt/Component.html#LEFT_ALIGNMENT), [RIGHT\_ALIGNMENT](http://docs.google.com/java/awt/Component.html#RIGHT_ALIGNMENT), [TOP\_ALIGNMENT](http://docs.google.com/java/awt/Component.html#TOP_ALIGNMENT) |

| **Fields inherited from interface java.awt.image.**[**ImageObserver**](http://docs.google.com/java/awt/image/ImageObserver.html) |
| --- |
| [ABORT](http://docs.google.com/java/awt/image/ImageObserver.html#ABORT), [ALLBITS](http://docs.google.com/java/awt/image/ImageObserver.html#ALLBITS), [ERROR](http://docs.google.com/java/awt/image/ImageObserver.html#ERROR), [FRAMEBITS](http://docs.google.com/java/awt/image/ImageObserver.html#FRAMEBITS), [HEIGHT](http://docs.google.com/java/awt/image/ImageObserver.html#HEIGHT), [PROPERTIES](http://docs.google.com/java/awt/image/ImageObserver.html#PROPERTIES), [SOMEBITS](http://docs.google.com/java/awt/image/ImageObserver.html#SOMEBITS), [WIDTH](http://docs.google.com/java/awt/image/ImageObserver.html#WIDTH) |

| **Constructor Summary** | |
| --- | --- |
| [**MetalComboBoxUI.MetalComboPopup**](http://docs.google.com/javax/swing/plaf/metal/MetalComboBoxUI.MetalComboPopup.html#MetalComboBoxUI.MetalComboPopup(javax.swing.JComboBox))([JComboBox](http://docs.google.com/javax/swing/JComboBox.html) cBox)  **Deprecated.** |

| **Method Summary** | |
| --- | --- |
| void | [**delegateFocus**](http://docs.google.com/javax/swing/plaf/metal/MetalComboBoxUI.MetalComboPopup.html#delegateFocus(java.awt.event.MouseEvent))([MouseEvent](http://docs.google.com/java/awt/event/MouseEvent.html) e)  **Deprecated.** This is is a utility method that helps event handlers figure out where to send the focus when the popup is brought up. |

| **Methods inherited from class javax.swing.plaf.basic.**[**BasicComboPopup**](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html) |
| --- |
| [autoScrollDown](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#autoScrollDown()), [autoScrollUp](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#autoScrollUp()), [computePopupBounds](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#computePopupBounds(int,%20int,%20int,%20int)), [configureList](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#configureList()), [configurePopup](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#configurePopup()), [configureScroller](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#configureScroller()), [convertMouseEvent](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#convertMouseEvent(java.awt.event.MouseEvent)), [createItemListener](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#createItemListener()), [createKeyListener](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#createKeyListener()), [createList](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#createList()), [createListDataListener](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#createListDataListener()), [createListMouseListener](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#createListMouseListener()), [createListMouseMotionListener](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#createListMouseMotionListener()), [createListSelectionListener](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#createListSelectionListener()), [createMouseListener](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#createMouseListener()), [createMouseMotionListener](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#createMouseMotionListener()), [createPropertyChangeListener](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#createPropertyChangeListener()), [createScroller](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#createScroller()), [firePopupMenuCanceled](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#firePopupMenuCanceled()), [firePopupMenuWillBecomeInvisible](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#firePopupMenuWillBecomeInvisible()), [firePopupMenuWillBecomeVisible](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#firePopupMenuWillBecomeVisible()), [getAccessibleContext](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#getAccessibleContext()), [getKeyListener](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#getKeyListener()), [getList](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#getList()), [getMouseListener](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#getMouseListener()), [getMouseMotionListener](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#getMouseMotionListener()), [getPopupHeightForRowCount](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#getPopupHeightForRowCount(int)), [hide](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#hide()), [installComboBoxListeners](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#installComboBoxListeners()), [installComboBoxModelListeners](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#installComboBoxModelListeners(javax.swing.ComboBoxModel)), [installKeyboardActions](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#installKeyboardActions()), [installListListeners](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#installListListeners()), [isFocusTraversable](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#isFocusTraversable()), [show](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#show()), [startAutoScrolling](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#startAutoScrolling(int)), [stopAutoScrolling](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#stopAutoScrolling()), [togglePopup](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#togglePopup()), [uninstallComboBoxModelListeners](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#uninstallComboBoxModelListeners(javax.swing.ComboBoxModel)), [uninstallingUI](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#uninstallingUI()), [uninstallKeyboardActions](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#uninstallKeyboardActions()), [updateListBoxSelectionForEvent](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#updateListBoxSelectionForEvent(java.awt.event.MouseEvent,%20boolean)) |

| **Methods inherited from class javax.swing.**[**JPopupMenu**](http://docs.google.com/javax/swing/JPopupMenu.html) |
| --- |
| [add](http://docs.google.com/javax/swing/JPopupMenu.html#add(javax.swing.Action)), [add](http://docs.google.com/javax/swing/JPopupMenu.html#add(javax.swing.JMenuItem)), [add](http://docs.google.com/javax/swing/JPopupMenu.html#add(java.lang.String)), [addMenuKeyListener](http://docs.google.com/javax/swing/JPopupMenu.html#addMenuKeyListener(javax.swing.event.MenuKeyListener)), [addPopupMenuListener](http://docs.google.com/javax/swing/JPopupMenu.html#addPopupMenuListener(javax.swing.event.PopupMenuListener)), [addSeparator](http://docs.google.com/javax/swing/JPopupMenu.html#addSeparator()), [createActionChangeListener](http://docs.google.com/javax/swing/JPopupMenu.html#createActionChangeListener(javax.swing.JMenuItem)), [createActionComponent](http://docs.google.com/javax/swing/JPopupMenu.html#createActionComponent(javax.swing.Action)), [getComponent](http://docs.google.com/javax/swing/JPopupMenu.html#getComponent()), [getComponentAtIndex](http://docs.google.com/javax/swing/JPopupMenu.html#getComponentAtIndex(int)), [getComponentIndex](http://docs.google.com/javax/swing/JPopupMenu.html#getComponentIndex(java.awt.Component)), [getDefaultLightWeightPopupEnabled](http://docs.google.com/javax/swing/JPopupMenu.html#getDefaultLightWeightPopupEnabled()), [getInvoker](http://docs.google.com/javax/swing/JPopupMenu.html#getInvoker()), [getLabel](http://docs.google.com/javax/swing/JPopupMenu.html#getLabel()), [getMargin](http://docs.google.com/javax/swing/JPopupMenu.html#getMargin()), [getMenuKeyListeners](http://docs.google.com/javax/swing/JPopupMenu.html#getMenuKeyListeners()), [getPopupMenuListeners](http://docs.google.com/javax/swing/JPopupMenu.html#getPopupMenuListeners()), [getSelectionModel](http://docs.google.com/javax/swing/JPopupMenu.html#getSelectionModel()), [getSubElements](http://docs.google.com/javax/swing/JPopupMenu.html#getSubElements()), [getUI](http://docs.google.com/javax/swing/JPopupMenu.html#getUI()), [getUIClassID](http://docs.google.com/javax/swing/JPopupMenu.html#getUIClassID()), [insert](http://docs.google.com/javax/swing/JPopupMenu.html#insert(javax.swing.Action,%20int)), [insert](http://docs.google.com/javax/swing/JPopupMenu.html#insert(java.awt.Component,%20int)), [isBorderPainted](http://docs.google.com/javax/swing/JPopupMenu.html#isBorderPainted()), [isLightWeightPopupEnabled](http://docs.google.com/javax/swing/JPopupMenu.html#isLightWeightPopupEnabled()), [isPopupTrigger](http://docs.google.com/javax/swing/JPopupMenu.html#isPopupTrigger(java.awt.event.MouseEvent)), [isVisible](http://docs.google.com/javax/swing/JPopupMenu.html#isVisible()), [menuSelectionChanged](http://docs.google.com/javax/swing/JPopupMenu.html#menuSelectionChanged(boolean)), [pack](http://docs.google.com/javax/swing/JPopupMenu.html#pack()), [paintBorder](http://docs.google.com/javax/swing/JPopupMenu.html#paintBorder(java.awt.Graphics)), [paramString](http://docs.google.com/javax/swing/JPopupMenu.html#paramString()), [processFocusEvent](http://docs.google.com/javax/swing/JPopupMenu.html#processFocusEvent(java.awt.event.FocusEvent)), [processKeyEvent](http://docs.google.com/javax/swing/JPopupMenu.html#processKeyEvent(java.awt.event.KeyEvent)), [processKeyEvent](http://docs.google.com/javax/swing/JPopupMenu.html#processKeyEvent(java.awt.event.KeyEvent,%20javax.swing.MenuElement%5B%5D,%20javax.swing.MenuSelectionManager)), [processMouseEvent](http://docs.google.com/javax/swing/JPopupMenu.html#processMouseEvent(java.awt.event.MouseEvent,%20javax.swing.MenuElement%5B%5D,%20javax.swing.MenuSelectionManager)), [remove](http://docs.google.com/javax/swing/JPopupMenu.html#remove(int)), [removeMenuKeyListener](http://docs.google.com/javax/swing/JPopupMenu.html#removeMenuKeyListener(javax.swing.event.MenuKeyListener)), [removePopupMenuListener](http://docs.google.com/javax/swing/JPopupMenu.html#removePopupMenuListener(javax.swing.event.PopupMenuListener)), [setBorderPainted](http://docs.google.com/javax/swing/JPopupMenu.html#setBorderPainted(boolean)), [setDefaultLightWeightPopupEnabled](http://docs.google.com/javax/swing/JPopupMenu.html#setDefaultLightWeightPopupEnabled(boolean)), [setInvoker](http://docs.google.com/javax/swing/JPopupMenu.html#setInvoker(java.awt.Component)), [setLabel](http://docs.google.com/javax/swing/JPopupMenu.html#setLabel(java.lang.String)), [setLightWeightPopupEnabled](http://docs.google.com/javax/swing/JPopupMenu.html#setLightWeightPopupEnabled(boolean)), [setLocation](http://docs.google.com/javax/swing/JPopupMenu.html#setLocation(int,%20int)), [setPopupSize](http://docs.google.com/javax/swing/JPopupMenu.html#setPopupSize(java.awt.Dimension)), [setPopupSize](http://docs.google.com/javax/swing/JPopupMenu.html#setPopupSize(int,%20int)), [setSelected](http://docs.google.com/javax/swing/JPopupMenu.html#setSelected(java.awt.Component)), [setSelectionModel](http://docs.google.com/javax/swing/JPopupMenu.html#setSelectionModel(javax.swing.SingleSelectionModel)), [setUI](http://docs.google.com/javax/swing/JPopupMenu.html#setUI(javax.swing.plaf.PopupMenuUI)), [setVisible](http://docs.google.com/javax/swing/JPopupMenu.html#setVisible(boolean)), [show](http://docs.google.com/javax/swing/JPopupMenu.html#show(java.awt.Component,%20int,%20int)), [updateUI](http://docs.google.com/javax/swing/JPopupMenu.html#updateUI()) |

| **Methods inherited from class javax.swing.**[**JComponent**](http://docs.google.com/javax/swing/JComponent.html) |
| --- |
| [addAncestorListener](http://docs.google.com/javax/swing/JComponent.html#addAncestorListener(javax.swing.event.AncestorListener)), [addNotify](http://docs.google.com/javax/swing/JComponent.html#addNotify()), [addVetoableChangeListener](http://docs.google.com/javax/swing/JComponent.html#addVetoableChangeListener(java.beans.VetoableChangeListener)), [computeVisibleRect](http://docs.google.com/javax/swing/JComponent.html#computeVisibleRect(java.awt.Rectangle)), [contains](http://docs.google.com/javax/swing/JComponent.html#contains(int,%20int)), [createToolTip](http://docs.google.com/javax/swing/JComponent.html#createToolTip()), [disable](http://docs.google.com/javax/swing/JComponent.html#disable()), [enable](http://docs.google.com/javax/swing/JComponent.html#enable()), [firePropertyChange](http://docs.google.com/javax/swing/JComponent.html#firePropertyChange(java.lang.String,%20boolean,%20boolean)), [firePropertyChange](http://docs.google.com/javax/swing/JComponent.html#firePropertyChange(java.lang.String,%20char,%20char)), [firePropertyChange](http://docs.google.com/javax/swing/JComponent.html#firePropertyChange(java.lang.String,%20int,%20int)), [fireVetoableChange](http://docs.google.com/javax/swing/JComponent.html#fireVetoableChange(java.lang.String,%20java.lang.Object,%20java.lang.Object)), [getActionForKeyStroke](http://docs.google.com/javax/swing/JComponent.html#getActionForKeyStroke(javax.swing.KeyStroke)), [getActionMap](http://docs.google.com/javax/swing/JComponent.html#getActionMap()), [getAlignmentX](http://docs.google.com/javax/swing/JComponent.html#getAlignmentX()), [getAlignmentY](http://docs.google.com/javax/swing/JComponent.html#getAlignmentY()), [getAncestorListeners](http://docs.google.com/javax/swing/JComponent.html#getAncestorListeners()), [getAutoscrolls](http://docs.google.com/javax/swing/JComponent.html#getAutoscrolls()), [getBaseline](http://docs.google.com/javax/swing/JComponent.html#getBaseline(int,%20int)), [getBaselineResizeBehavior](http://docs.google.com/javax/swing/JComponent.html#getBaselineResizeBehavior()), [getBorder](http://docs.google.com/javax/swing/JComponent.html#getBorder()), [getBounds](http://docs.google.com/javax/swing/JComponent.html#getBounds(java.awt.Rectangle)), [getClientProperty](http://docs.google.com/javax/swing/JComponent.html#getClientProperty(java.lang.Object)), [getComponentGraphics](http://docs.google.com/javax/swing/JComponent.html#getComponentGraphics(java.awt.Graphics)), [getComponentPopupMenu](http://docs.google.com/javax/swing/JComponent.html#getComponentPopupMenu()), [getConditionForKeyStroke](http://docs.google.com/javax/swing/JComponent.html#getConditionForKeyStroke(javax.swing.KeyStroke)), [getDebugGraphicsOptions](http://docs.google.com/javax/swing/JComponent.html#getDebugGraphicsOptions()), [getDefaultLocale](http://docs.google.com/javax/swing/JComponent.html#getDefaultLocale()), [getFontMetrics](http://docs.google.com/javax/swing/JComponent.html#getFontMetrics(java.awt.Font)), [getGraphics](http://docs.google.com/javax/swing/JComponent.html#getGraphics()), [getHeight](http://docs.google.com/javax/swing/JComponent.html#getHeight()), [getInheritsPopupMenu](http://docs.google.com/javax/swing/JComponent.html#getInheritsPopupMenu()), [getInputMap](http://docs.google.com/javax/swing/JComponent.html#getInputMap()), [getInputMap](http://docs.google.com/javax/swing/JComponent.html#getInputMap(int)), [getInputVerifier](http://docs.google.com/javax/swing/JComponent.html#getInputVerifier()), [getInsets](http://docs.google.com/javax/swing/JComponent.html#getInsets()), [getInsets](http://docs.google.com/javax/swing/JComponent.html#getInsets(java.awt.Insets)), [getListeners](http://docs.google.com/javax/swing/JComponent.html#getListeners(java.lang.Class)), [getLocation](http://docs.google.com/javax/swing/JComponent.html#getLocation(java.awt.Point)), [getMaximumSize](http://docs.google.com/javax/swing/JComponent.html#getMaximumSize()), [getMinimumSize](http://docs.google.com/javax/swing/JComponent.html#getMinimumSize()), [getNextFocusableComponent](http://docs.google.com/javax/swing/JComponent.html#getNextFocusableComponent()), [getPopupLocation](http://docs.google.com/javax/swing/JComponent.html#getPopupLocation(java.awt.event.MouseEvent)), [getPreferredSize](http://docs.google.com/javax/swing/JComponent.html#getPreferredSize()), [getRegisteredKeyStrokes](http://docs.google.com/javax/swing/JComponent.html#getRegisteredKeyStrokes()), [getRootPane](http://docs.google.com/javax/swing/JComponent.html#getRootPane()), [getSize](http://docs.google.com/javax/swing/JComponent.html#getSize(java.awt.Dimension)), [getToolTipLocation](http://docs.google.com/javax/swing/JComponent.html#getToolTipLocation(java.awt.event.MouseEvent)), [getToolTipText](http://docs.google.com/javax/swing/JComponent.html#getToolTipText()), [getToolTipText](http://docs.google.com/javax/swing/JComponent.html#getToolTipText(java.awt.event.MouseEvent)), [getTopLevelAncestor](http://docs.google.com/javax/swing/JComponent.html#getTopLevelAncestor()), [getTransferHandler](http://docs.google.com/javax/swing/JComponent.html#getTransferHandler()), [getVerifyInputWhenFocusTarget](http://docs.google.com/javax/swing/JComponent.html#getVerifyInputWhenFocusTarget()), [getVetoableChangeListeners](http://docs.google.com/javax/swing/JComponent.html#getVetoableChangeListeners()), [getVisibleRect](http://docs.google.com/javax/swing/JComponent.html#getVisibleRect()), [getWidth](http://docs.google.com/javax/swing/JComponent.html#getWidth()), [getX](http://docs.google.com/javax/swing/JComponent.html#getX()), [getY](http://docs.google.com/javax/swing/JComponent.html#getY()), [grabFocus](http://docs.google.com/javax/swing/JComponent.html#grabFocus()), [isDoubleBuffered](http://docs.google.com/javax/swing/JComponent.html#isDoubleBuffered()), [isLightweightComponent](http://docs.google.com/javax/swing/JComponent.html#isLightweightComponent(java.awt.Component)), [isManagingFocus](http://docs.google.com/javax/swing/JComponent.html#isManagingFocus()), [isOpaque](http://docs.google.com/javax/swing/JComponent.html#isOpaque()), [isOptimizedDrawingEnabled](http://docs.google.com/javax/swing/JComponent.html#isOptimizedDrawingEnabled()), [isPaintingForPrint](http://docs.google.com/javax/swing/JComponent.html#isPaintingForPrint()), [isPaintingTile](http://docs.google.com/javax/swing/JComponent.html#isPaintingTile()), [isRequestFocusEnabled](http://docs.google.com/javax/swing/JComponent.html#isRequestFocusEnabled()), [isValidateRoot](http://docs.google.com/javax/swing/JComponent.html#isValidateRoot()), [paint](http://docs.google.com/javax/swing/JComponent.html#paint(java.awt.Graphics)), [paintChildren](http://docs.google.com/javax/swing/JComponent.html#paintChildren(java.awt.Graphics)), [paintComponent](http://docs.google.com/javax/swing/JComponent.html#paintComponent(java.awt.Graphics)), [paintImmediately](http://docs.google.com/javax/swing/JComponent.html#paintImmediately(int,%20int,%20int,%20int)), [paintImmediately](http://docs.google.com/javax/swing/JComponent.html#paintImmediately(java.awt.Rectangle)), [print](http://docs.google.com/javax/swing/JComponent.html#print(java.awt.Graphics)), [printAll](http://docs.google.com/javax/swing/JComponent.html#printAll(java.awt.Graphics)), [printBorder](http://docs.google.com/javax/swing/JComponent.html#printBorder(java.awt.Graphics)), [printChildren](http://docs.google.com/javax/swing/JComponent.html#printChildren(java.awt.Graphics)), [printComponent](http://docs.google.com/javax/swing/JComponent.html#printComponent(java.awt.Graphics)), [processComponentKeyEvent](http://docs.google.com/javax/swing/JComponent.html#processComponentKeyEvent(java.awt.event.KeyEvent)), [processKeyBinding](http://docs.google.com/javax/swing/JComponent.html#processKeyBinding(javax.swing.KeyStroke,%20java.awt.event.KeyEvent,%20int,%20boolean)), [processMouseEvent](http://docs.google.com/javax/swing/JComponent.html#processMouseEvent(java.awt.event.MouseEvent)), [processMouseMotionEvent](http://docs.google.com/javax/swing/JComponent.html#processMouseMotionEvent(java.awt.event.MouseEvent)), [putClientProperty](http://docs.google.com/javax/swing/JComponent.html#putClientProperty(java.lang.Object,%20java.lang.Object)), [registerKeyboardAction](http://docs.google.com/javax/swing/JComponent.html#registerKeyboardAction(java.awt.event.ActionListener,%20javax.swing.KeyStroke,%20int)), [registerKeyboardAction](http://docs.google.com/javax/swing/JComponent.html#registerKeyboardAction(java.awt.event.ActionListener,%20java.lang.String,%20javax.swing.KeyStroke,%20int)), [removeAncestorListener](http://docs.google.com/javax/swing/JComponent.html#removeAncestorListener(javax.swing.event.AncestorListener)), [removeNotify](http://docs.google.com/javax/swing/JComponent.html#removeNotify()), [removeVetoableChangeListener](http://docs.google.com/javax/swing/JComponent.html#removeVetoableChangeListener(java.beans.VetoableChangeListener)), [repaint](http://docs.google.com/javax/swing/JComponent.html#repaint(long,%20int,%20int,%20int,%20int)), [repaint](http://docs.google.com/javax/swing/JComponent.html#repaint(java.awt.Rectangle)), [requestDefaultFocus](http://docs.google.com/javax/swing/JComponent.html#requestDefaultFocus()), [requestFocus](http://docs.google.com/javax/swing/JComponent.html#requestFocus()), [requestFocus](http://docs.google.com/javax/swing/JComponent.html#requestFocus(boolean)), [requestFocusInWindow](http://docs.google.com/javax/swing/JComponent.html#requestFocusInWindow()), [requestFocusInWindow](http://docs.google.com/javax/swing/JComponent.html#requestFocusInWindow(boolean)), [resetKeyboardActions](http://docs.google.com/javax/swing/JComponent.html#resetKeyboardActions()), [reshape](http://docs.google.com/javax/swing/JComponent.html#reshape(int,%20int,%20int,%20int)), [revalidate](http://docs.google.com/javax/swing/JComponent.html#revalidate()), [scrollRectToVisible](http://docs.google.com/javax/swing/JComponent.html#scrollRectToVisible(java.awt.Rectangle)), [setActionMap](http://docs.google.com/javax/swing/JComponent.html#setActionMap(javax.swing.ActionMap)), [setAlignmentX](http://docs.google.com/javax/swing/JComponent.html#setAlignmentX(float)), [setAlignmentY](http://docs.google.com/javax/swing/JComponent.html#setAlignmentY(float)), [setAutoscrolls](http://docs.google.com/javax/swing/JComponent.html#setAutoscrolls(boolean)), [setBackground](http://docs.google.com/javax/swing/JComponent.html#setBackground(java.awt.Color)), [setBorder](http://docs.google.com/javax/swing/JComponent.html#setBorder(javax.swing.border.Border)), [setComponentPopupMenu](http://docs.google.com/javax/swing/JComponent.html#setComponentPopupMenu(javax.swing.JPopupMenu)), [setDebugGraphicsOptions](http://docs.google.com/javax/swing/JComponent.html#setDebugGraphicsOptions(int)), [setDefaultLocale](http://docs.google.com/javax/swing/JComponent.html#setDefaultLocale(java.util.Locale)), [setDoubleBuffered](http://docs.google.com/javax/swing/JComponent.html#setDoubleBuffered(boolean)), [setEnabled](http://docs.google.com/javax/swing/JComponent.html#setEnabled(boolean)), [setFocusTraversalKeys](http://docs.google.com/javax/swing/JComponent.html#setFocusTraversalKeys(int,%20java.util.Set)), [setFont](http://docs.google.com/javax/swing/JComponent.html#setFont(java.awt.Font)), [setForeground](http://docs.google.com/javax/swing/JComponent.html#setForeground(java.awt.Color)), [setInheritsPopupMenu](http://docs.google.com/javax/swing/JComponent.html#setInheritsPopupMenu(boolean)), [setInputMap](http://docs.google.com/javax/swing/JComponent.html#setInputMap(int,%20javax.swing.InputMap)), [setInputVerifier](http://docs.google.com/javax/swing/JComponent.html#setInputVerifier(javax.swing.InputVerifier)), [setMaximumSize](http://docs.google.com/javax/swing/JComponent.html#setMaximumSize(java.awt.Dimension)), [setMinimumSize](http://docs.google.com/javax/swing/JComponent.html#setMinimumSize(java.awt.Dimension)), [setNextFocusableComponent](http://docs.google.com/javax/swing/JComponent.html#setNextFocusableComponent(java.awt.Component)), [setOpaque](http://docs.google.com/javax/swing/JComponent.html#setOpaque(boolean)), [setPreferredSize](http://docs.google.com/javax/swing/JComponent.html#setPreferredSize(java.awt.Dimension)), [setRequestFocusEnabled](http://docs.google.com/javax/swing/JComponent.html#setRequestFocusEnabled(boolean)), [setToolTipText](http://docs.google.com/javax/swing/JComponent.html#setToolTipText(java.lang.String)), [setTransferHandler](http://docs.google.com/javax/swing/JComponent.html#setTransferHandler(javax.swing.TransferHandler)), [setUI](http://docs.google.com/javax/swing/JComponent.html#setUI(javax.swing.plaf.ComponentUI)), [setVerifyInputWhenFocusTarget](http://docs.google.com/javax/swing/JComponent.html#setVerifyInputWhenFocusTarget(boolean)), [unregisterKeyboardAction](http://docs.google.com/javax/swing/JComponent.html#unregisterKeyboardAction(javax.swing.KeyStroke)), [update](http://docs.google.com/javax/swing/JComponent.html#update(java.awt.Graphics)) |

| **Methods inherited from class java.awt.**[**Container**](http://docs.google.com/java/awt/Container.html) |
| --- |
| [add](http://docs.google.com/java/awt/Container.html#add(java.awt.Component)), [add](http://docs.google.com/java/awt/Container.html#add(java.awt.Component,%20int)), [add](http://docs.google.com/java/awt/Container.html#add(java.awt.Component,%20java.lang.Object)), [add](http://docs.google.com/java/awt/Container.html#add(java.awt.Component,%20java.lang.Object,%20int)), [add](http://docs.google.com/java/awt/Container.html#add(java.lang.String,%20java.awt.Component)), [addContainerListener](http://docs.google.com/java/awt/Container.html#addContainerListener(java.awt.event.ContainerListener)), [addImpl](http://docs.google.com/java/awt/Container.html#addImpl(java.awt.Component,%20java.lang.Object,%20int)), [addPropertyChangeListener](http://docs.google.com/java/awt/Container.html#addPropertyChangeListener(java.beans.PropertyChangeListener)), [addPropertyChangeListener](http://docs.google.com/java/awt/Container.html#addPropertyChangeListener(java.lang.String,%20java.beans.PropertyChangeListener)), [applyComponentOrientation](http://docs.google.com/java/awt/Container.html#applyComponentOrientation(java.awt.ComponentOrientation)), [areFocusTraversalKeysSet](http://docs.google.com/java/awt/Container.html#areFocusTraversalKeysSet(int)), [countComponents](http://docs.google.com/java/awt/Container.html#countComponents()), [deliverEvent](http://docs.google.com/java/awt/Container.html#deliverEvent(java.awt.Event)), [doLayout](http://docs.google.com/java/awt/Container.html#doLayout()), [findComponentAt](http://docs.google.com/java/awt/Container.html#findComponentAt(int,%20int)), [findComponentAt](http://docs.google.com/java/awt/Container.html#findComponentAt(java.awt.Point)), [getComponent](http://docs.google.com/java/awt/Container.html#getComponent(int)), [getComponentAt](http://docs.google.com/java/awt/Container.html#getComponentAt(int,%20int)), [getComponentAt](http://docs.google.com/java/awt/Container.html#getComponentAt(java.awt.Point)), [getComponentCount](http://docs.google.com/java/awt/Container.html#getComponentCount()), [getComponents](http://docs.google.com/java/awt/Container.html#getComponents()), [getComponentZOrder](http://docs.google.com/java/awt/Container.html#getComponentZOrder(java.awt.Component)), [getContainerListeners](http://docs.google.com/java/awt/Container.html#getContainerListeners()), [getFocusTraversalKeys](http://docs.google.com/java/awt/Container.html#getFocusTraversalKeys(int)), [getFocusTraversalPolicy](http://docs.google.com/java/awt/Container.html#getFocusTraversalPolicy()), [getLayout](http://docs.google.com/java/awt/Container.html#getLayout()), [getMousePosition](http://docs.google.com/java/awt/Container.html#getMousePosition(boolean)), [insets](http://docs.google.com/java/awt/Container.html#insets()), [invalidate](http://docs.google.com/java/awt/Container.html#invalidate()), [isAncestorOf](http://docs.google.com/java/awt/Container.html#isAncestorOf(java.awt.Component)), [isFocusCycleRoot](http://docs.google.com/java/awt/Container.html#isFocusCycleRoot()), [isFocusCycleRoot](http://docs.google.com/java/awt/Container.html#isFocusCycleRoot(java.awt.Container)), [isFocusTraversalPolicyProvider](http://docs.google.com/java/awt/Container.html#isFocusTraversalPolicyProvider()), [isFocusTraversalPolicySet](http://docs.google.com/java/awt/Container.html#isFocusTraversalPolicySet()), [layout](http://docs.google.com/java/awt/Container.html#layout()), [list](http://docs.google.com/java/awt/Container.html#list(java.io.PrintStream,%20int)), [list](http://docs.google.com/java/awt/Container.html#list(java.io.PrintWriter,%20int)), [locate](http://docs.google.com/java/awt/Container.html#locate(int,%20int)), [minimumSize](http://docs.google.com/java/awt/Container.html#minimumSize()), [paintComponents](http://docs.google.com/java/awt/Container.html#paintComponents(java.awt.Graphics)), [preferredSize](http://docs.google.com/java/awt/Container.html#preferredSize()), [printComponents](http://docs.google.com/java/awt/Container.html#printComponents(java.awt.Graphics)), [processContainerEvent](http://docs.google.com/java/awt/Container.html#processContainerEvent(java.awt.event.ContainerEvent)), [processEvent](http://docs.google.com/java/awt/Container.html#processEvent(java.awt.AWTEvent)), [remove](http://docs.google.com/java/awt/Container.html#remove(java.awt.Component)), [removeAll](http://docs.google.com/java/awt/Container.html#removeAll()), [removeContainerListener](http://docs.google.com/java/awt/Container.html#removeContainerListener(java.awt.event.ContainerListener)), [setComponentZOrder](http://docs.google.com/java/awt/Container.html#setComponentZOrder(java.awt.Component,%20int)), [setFocusCycleRoot](http://docs.google.com/java/awt/Container.html#setFocusCycleRoot(boolean)), [setFocusTraversalPolicy](http://docs.google.com/java/awt/Container.html#setFocusTraversalPolicy(java.awt.FocusTraversalPolicy)), [setFocusTraversalPolicyProvider](http://docs.google.com/java/awt/Container.html#setFocusTraversalPolicyProvider(boolean)), [setLayout](http://docs.google.com/java/awt/Container.html#setLayout(java.awt.LayoutManager)), [transferFocusBackward](http://docs.google.com/java/awt/Container.html#transferFocusBackward()), [transferFocusDownCycle](http://docs.google.com/java/awt/Container.html#transferFocusDownCycle()), [validate](http://docs.google.com/java/awt/Container.html#validate()), [validateTree](http://docs.google.com/java/awt/Container.html#validateTree()) |

| **Methods inherited from class java.awt.**[**Component**](http://docs.google.com/java/awt/Component.html) |
| --- |
| [action](http://docs.google.com/java/awt/Component.html#action(java.awt.Event,%20java.lang.Object)), [add](http://docs.google.com/java/awt/Component.html#add(java.awt.PopupMenu)), [addComponentListener](http://docs.google.com/java/awt/Component.html#addComponentListener(java.awt.event.ComponentListener)), [addFocusListener](http://docs.google.com/java/awt/Component.html#addFocusListener(java.awt.event.FocusListener)), [addHierarchyBoundsListener](http://docs.google.com/java/awt/Component.html#addHierarchyBoundsListener(java.awt.event.HierarchyBoundsListener)), [addHierarchyListener](http://docs.google.com/java/awt/Component.html#addHierarchyListener(java.awt.event.HierarchyListener)), [addInputMethodListener](http://docs.google.com/java/awt/Component.html#addInputMethodListener(java.awt.event.InputMethodListener)), [addKeyListener](http://docs.google.com/java/awt/Component.html#addKeyListener(java.awt.event.KeyListener)), [addMouseListener](http://docs.google.com/java/awt/Component.html#addMouseListener(java.awt.event.MouseListener)), [addMouseMotionListener](http://docs.google.com/java/awt/Component.html#addMouseMotionListener(java.awt.event.MouseMotionListener)), [addMouseWheelListener](http://docs.google.com/java/awt/Component.html#addMouseWheelListener(java.awt.event.MouseWheelListener)), [bounds](http://docs.google.com/java/awt/Component.html#bounds()), [checkImage](http://docs.google.com/java/awt/Component.html#checkImage(java.awt.Image,%20java.awt.image.ImageObserver)), [checkImage](http://docs.google.com/java/awt/Component.html#checkImage(java.awt.Image,%20int,%20int,%20java.awt.image.ImageObserver)), [coalesceEvents](http://docs.google.com/java/awt/Component.html#coalesceEvents(java.awt.AWTEvent,%20java.awt.AWTEvent)), [contains](http://docs.google.com/java/awt/Component.html#contains(java.awt.Point)), [createImage](http://docs.google.com/java/awt/Component.html#createImage(java.awt.image.ImageProducer)), [createImage](http://docs.google.com/java/awt/Component.html#createImage(int,%20int)), [createVolatileImage](http://docs.google.com/java/awt/Component.html#createVolatileImage(int,%20int)), [createVolatileImage](http://docs.google.com/java/awt/Component.html#createVolatileImage(int,%20int,%20java.awt.ImageCapabilities)), [disableEvents](http://docs.google.com/java/awt/Component.html#disableEvents(long)), [dispatchEvent](http://docs.google.com/java/awt/Component.html#dispatchEvent(java.awt.AWTEvent)), [enable](http://docs.google.com/java/awt/Component.html#enable(boolean)), [enableEvents](http://docs.google.com/java/awt/Component.html#enableEvents(long)), [enableInputMethods](http://docs.google.com/java/awt/Component.html#enableInputMethods(boolean)), [firePropertyChange](http://docs.google.com/java/awt/Component.html#firePropertyChange(java.lang.String,%20byte,%20byte)), [firePropertyChange](http://docs.google.com/java/awt/Component.html#firePropertyChange(java.lang.String,%20double,%20double)), [firePropertyChange](http://docs.google.com/java/awt/Component.html#firePropertyChange(java.lang.String,%20float,%20float)), [firePropertyChange](http://docs.google.com/java/awt/Component.html#firePropertyChange(java.lang.String,%20long,%20long)), [firePropertyChange](http://docs.google.com/java/awt/Component.html#firePropertyChange(java.lang.String,%20java.lang.Object,%20java.lang.Object)), [firePropertyChange](http://docs.google.com/java/awt/Component.html#firePropertyChange(java.lang.String,%20short,%20short)), [getBackground](http://docs.google.com/java/awt/Component.html#getBackground()), [getBounds](http://docs.google.com/java/awt/Component.html#getBounds()), [getColorModel](http://docs.google.com/java/awt/Component.html#getColorModel()), [getComponentListeners](http://docs.google.com/java/awt/Component.html#getComponentListeners()), [getComponentOrientation](http://docs.google.com/java/awt/Component.html#getComponentOrientation()), [getCursor](http://docs.google.com/java/awt/Component.html#getCursor()), [getDropTarget](http://docs.google.com/java/awt/Component.html#getDropTarget()), [getFocusCycleRootAncestor](http://docs.google.com/java/awt/Component.html#getFocusCycleRootAncestor()), [getFocusListeners](http://docs.google.com/java/awt/Component.html#getFocusListeners()), [getFocusTraversalKeysEnabled](http://docs.google.com/java/awt/Component.html#getFocusTraversalKeysEnabled()), [getFont](http://docs.google.com/java/awt/Component.html#getFont()), [getForeground](http://docs.google.com/java/awt/Component.html#getForeground()), [getGraphicsConfiguration](http://docs.google.com/java/awt/Component.html#getGraphicsConfiguration()), [getHierarchyBoundsListeners](http://docs.google.com/java/awt/Component.html#getHierarchyBoundsListeners()), [getHierarchyListeners](http://docs.google.com/java/awt/Component.html#getHierarchyListeners()), [getIgnoreRepaint](http://docs.google.com/java/awt/Component.html#getIgnoreRepaint()), [getInputContext](http://docs.google.com/java/awt/Component.html#getInputContext()), [getInputMethodListeners](http://docs.google.com/java/awt/Component.html#getInputMethodListeners()), [getInputMethodRequests](http://docs.google.com/java/awt/Component.html#getInputMethodRequests()), [getKeyListeners](http://docs.google.com/java/awt/Component.html#getKeyListeners()), [getLocale](http://docs.google.com/java/awt/Component.html#getLocale()), [getLocation](http://docs.google.com/java/awt/Component.html#getLocation()), [getLocationOnScreen](http://docs.google.com/java/awt/Component.html#getLocationOnScreen()), [getMouseListeners](http://docs.google.com/java/awt/Component.html#getMouseListeners()), [getMouseMotionListeners](http://docs.google.com/java/awt/Component.html#getMouseMotionListeners()), [getMousePosition](http://docs.google.com/java/awt/Component.html#getMousePosition()), [getMouseWheelListeners](http://docs.google.com/java/awt/Component.html#getMouseWheelListeners()), [getName](http://docs.google.com/java/awt/Component.html#getName()), [getParent](http://docs.google.com/java/awt/Component.html#getParent()), [getPeer](http://docs.google.com/java/awt/Component.html#getPeer()), [getPropertyChangeListeners](http://docs.google.com/java/awt/Component.html#getPropertyChangeListeners()), [getPropertyChangeListeners](http://docs.google.com/java/awt/Component.html#getPropertyChangeListeners(java.lang.String)), [getSize](http://docs.google.com/java/awt/Component.html#getSize()), [getToolkit](http://docs.google.com/java/awt/Component.html#getToolkit()), [getTreeLock](http://docs.google.com/java/awt/Component.html#getTreeLock()), [gotFocus](http://docs.google.com/java/awt/Component.html#gotFocus(java.awt.Event,%20java.lang.Object)), [handleEvent](http://docs.google.com/java/awt/Component.html#handleEvent(java.awt.Event)), [hasFocus](http://docs.google.com/java/awt/Component.html#hasFocus()), [imageUpdate](http://docs.google.com/java/awt/Component.html#imageUpdate(java.awt.Image,%20int,%20int,%20int,%20int,%20int)), [inside](http://docs.google.com/java/awt/Component.html#inside(int,%20int)), [isBackgroundSet](http://docs.google.com/java/awt/Component.html#isBackgroundSet()), [isCursorSet](http://docs.google.com/java/awt/Component.html#isCursorSet()), [isDisplayable](http://docs.google.com/java/awt/Component.html#isDisplayable()), [isEnabled](http://docs.google.com/java/awt/Component.html#isEnabled()), [isFocusable](http://docs.google.com/java/awt/Component.html#isFocusable()), [isFocusOwner](http://docs.google.com/java/awt/Component.html#isFocusOwner()), [isFontSet](http://docs.google.com/java/awt/Component.html#isFontSet()), [isForegroundSet](http://docs.google.com/java/awt/Component.html#isForegroundSet()), [isLightweight](http://docs.google.com/java/awt/Component.html#isLightweight()), [isMaximumSizeSet](http://docs.google.com/java/awt/Component.html#isMaximumSizeSet()), [isMinimumSizeSet](http://docs.google.com/java/awt/Component.html#isMinimumSizeSet()), [isPreferredSizeSet](http://docs.google.com/java/awt/Component.html#isPreferredSizeSet()), [isShowing](http://docs.google.com/java/awt/Component.html#isShowing()), [isValid](http://docs.google.com/java/awt/Component.html#isValid()), [keyDown](http://docs.google.com/java/awt/Component.html#keyDown(java.awt.Event,%20int)), [keyUp](http://docs.google.com/java/awt/Component.html#keyUp(java.awt.Event,%20int)), [list](http://docs.google.com/java/awt/Component.html#list()), [list](http://docs.google.com/java/awt/Component.html#list(java.io.PrintStream)), [list](http://docs.google.com/java/awt/Component.html#list(java.io.PrintWriter)), [location](http://docs.google.com/java/awt/Component.html#location()), [lostFocus](http://docs.google.com/java/awt/Component.html#lostFocus(java.awt.Event,%20java.lang.Object)), [mouseDown](http://docs.google.com/java/awt/Component.html#mouseDown(java.awt.Event,%20int,%20int)), [mouseDrag](http://docs.google.com/java/awt/Component.html#mouseDrag(java.awt.Event,%20int,%20int)), [mouseEnter](http://docs.google.com/java/awt/Component.html#mouseEnter(java.awt.Event,%20int,%20int)), [mouseExit](http://docs.google.com/java/awt/Component.html#mouseExit(java.awt.Event,%20int,%20int)), [mouseMove](http://docs.google.com/java/awt/Component.html#mouseMove(java.awt.Event,%20int,%20int)), [mouseUp](http://docs.google.com/java/awt/Component.html#mouseUp(java.awt.Event,%20int,%20int)), [move](http://docs.google.com/java/awt/Component.html#move(int,%20int)), [nextFocus](http://docs.google.com/java/awt/Component.html#nextFocus()), [paintAll](http://docs.google.com/java/awt/Component.html#paintAll(java.awt.Graphics)), [postEvent](http://docs.google.com/java/awt/Component.html#postEvent(java.awt.Event)), [prepareImage](http://docs.google.com/java/awt/Component.html#prepareImage(java.awt.Image,%20java.awt.image.ImageObserver)), [prepareImage](http://docs.google.com/java/awt/Component.html#prepareImage(java.awt.Image,%20int,%20int,%20java.awt.image.ImageObserver)), [processComponentEvent](http://docs.google.com/java/awt/Component.html#processComponentEvent(java.awt.event.ComponentEvent)), [processHierarchyBoundsEvent](http://docs.google.com/java/awt/Component.html#processHierarchyBoundsEvent(java.awt.event.HierarchyEvent)), [processHierarchyEvent](http://docs.google.com/java/awt/Component.html#processHierarchyEvent(java.awt.event.HierarchyEvent)), [processInputMethodEvent](http://docs.google.com/java/awt/Component.html#processInputMethodEvent(java.awt.event.InputMethodEvent)), [processMouseWheelEvent](http://docs.google.com/java/awt/Component.html#processMouseWheelEvent(java.awt.event.MouseWheelEvent)), [remove](http://docs.google.com/java/awt/Component.html#remove(java.awt.MenuComponent)), [removeComponentListener](http://docs.google.com/java/awt/Component.html#removeComponentListener(java.awt.event.ComponentListener)), [removeFocusListener](http://docs.google.com/java/awt/Component.html#removeFocusListener(java.awt.event.FocusListener)), [removeHierarchyBoundsListener](http://docs.google.com/java/awt/Component.html#removeHierarchyBoundsListener(java.awt.event.HierarchyBoundsListener)), [removeHierarchyListener](http://docs.google.com/java/awt/Component.html#removeHierarchyListener(java.awt.event.HierarchyListener)), [removeInputMethodListener](http://docs.google.com/java/awt/Component.html#removeInputMethodListener(java.awt.event.InputMethodListener)), [removeKeyListener](http://docs.google.com/java/awt/Component.html#removeKeyListener(java.awt.event.KeyListener)), [removeMouseListener](http://docs.google.com/java/awt/Component.html#removeMouseListener(java.awt.event.MouseListener)), [removeMouseMotionListener](http://docs.google.com/java/awt/Component.html#removeMouseMotionListener(java.awt.event.MouseMotionListener)), [removeMouseWheelListener](http://docs.google.com/java/awt/Component.html#removeMouseWheelListener(java.awt.event.MouseWheelListener)), [removePropertyChangeListener](http://docs.google.com/java/awt/Component.html#removePropertyChangeListener(java.beans.PropertyChangeListener)), [removePropertyChangeListener](http://docs.google.com/java/awt/Component.html#removePropertyChangeListener(java.lang.String,%20java.beans.PropertyChangeListener)), [repaint](http://docs.google.com/java/awt/Component.html#repaint()), [repaint](http://docs.google.com/java/awt/Component.html#repaint(int,%20int,%20int,%20int)), [repaint](http://docs.google.com/java/awt/Component.html#repaint(long)), [resize](http://docs.google.com/java/awt/Component.html#resize(java.awt.Dimension)), [resize](http://docs.google.com/java/awt/Component.html#resize(int,%20int)), [setBounds](http://docs.google.com/java/awt/Component.html#setBounds(int,%20int,%20int,%20int)), [setBounds](http://docs.google.com/java/awt/Component.html#setBounds(java.awt.Rectangle)), [setComponentOrientation](http://docs.google.com/java/awt/Component.html#setComponentOrientation(java.awt.ComponentOrientation)), [setCursor](http://docs.google.com/java/awt/Component.html#setCursor(java.awt.Cursor)), [setDropTarget](http://docs.google.com/java/awt/Component.html#setDropTarget(java.awt.dnd.DropTarget)), [setFocusable](http://docs.google.com/java/awt/Component.html#setFocusable(boolean)), [setFocusTraversalKeysEnabled](http://docs.google.com/java/awt/Component.html#setFocusTraversalKeysEnabled(boolean)), [setIgnoreRepaint](http://docs.google.com/java/awt/Component.html#setIgnoreRepaint(boolean)), [setLocale](http://docs.google.com/java/awt/Component.html#setLocale(java.util.Locale)), [setLocation](http://docs.google.com/java/awt/Component.html#setLocation(java.awt.Point)), [setName](http://docs.google.com/java/awt/Component.html#setName(java.lang.String)), [setSize](http://docs.google.com/java/awt/Component.html#setSize(java.awt.Dimension)), [setSize](http://docs.google.com/java/awt/Component.html#setSize(int,%20int)), [show](http://docs.google.com/java/awt/Component.html#show(boolean)), [size](http://docs.google.com/java/awt/Component.html#size()), [toString](http://docs.google.com/java/awt/Component.html#toString()), [transferFocus](http://docs.google.com/java/awt/Component.html#transferFocus()), [transferFocusUpCycle](http://docs.google.com/java/awt/Component.html#transferFocusUpCycle()) |

| **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()), [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)) |

| **Methods inherited from interface javax.swing.plaf.basic.**[**ComboPopup**](http://docs.google.com/javax/swing/plaf/basic/ComboPopup.html) |
| --- |
| [isVisible](http://docs.google.com/javax/swing/plaf/basic/ComboPopup.html#isVisible()) |

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

### MetalComboBoxUI.MetalComboPopup

public **MetalComboBoxUI.MetalComboPopup**([JComboBox](http://docs.google.com/javax/swing/JComboBox.html) cBox)

**Deprecated.** 

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

### delegateFocus

public void **delegateFocus**([MouseEvent](http://docs.google.com/java/awt/event/MouseEvent.html) e)

**Deprecated.** **Description copied from class:** [**BasicComboPopup**](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#delegateFocus(java.awt.event.MouseEvent)) This is is a utility method that helps event handlers figure out where to send the focus when the popup is brought up. The standard implementation delegates the focus to the editor (if the combo box is editable) or to the JComboBox if it is not editable.

**Overrides:**[delegateFocus](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#delegateFocus(java.awt.event.MouseEvent)) in class [BasicComboPopup](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.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/MetalComboBoxUI.MetalComboPopup.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.MetalComboBoxLayoutManager.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/plaf/metal/MetalComboBoxUI.MetalPropertyChangeListener.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/plaf/metal/MetalComboBoxUI.MetalComboPopup.html)    [**NO FRAMES**](http://docs.google.com/MetalComboBoxUI.MetalComboPopup.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: [NESTED](#2et92p0) | [FIELD](#17dp8vu) | [CONSTR](#35nkun2) | [METHOD](#1ksv4uv) | DETAIL: FIELD | [CONSTR](#1ci93xb) | [METHOD](#2bn6wsx) |

[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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