| | [**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.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/MetalComboBoxIcon.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/plaf/metal/MetalComboBoxUI.MetalComboBoxLayoutManager.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/plaf/metal/MetalComboBoxUI.html)    [**NO FRAMES**](http://docs.google.com/MetalComboBoxUI.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: [NESTED](#3znysh7) | [FIELD](#3dy6vkm) | [CONSTR](#1t3h5sf) | [METHOD](#4d34og8) | DETAIL: FIELD | [CONSTR](#26in1rg) | [METHOD](#35nkun2) |

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

Class MetalComboBoxUI

[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.ComboBoxUI](http://docs.google.com/javax/swing/plaf/ComboBoxUI.html)  
 [javax.swing.plaf.basic.BasicComboBoxUI](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html)  
 **javax.swing.plaf.metal.MetalComboBoxUI**

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

Metal UI for JComboBox

**Warning:** Serialized objects of this class will not be compatible with future Swing releases. The current serialization support is appropriate for short term storage or RMI between applications running the same version of Swing. As of 1.4, support for long term storage of all JavaBeansTM has been added to the java.beans package. Please see [XMLEncoder](http://docs.google.com/java/beans/XMLEncoder.html).

**See Also:**[MetalComboBoxEditor](http://docs.google.com/javax/swing/plaf/metal/MetalComboBoxEditor.html), [MetalComboBoxButton](http://docs.google.com/javax/swing/plaf/metal/MetalComboBoxButton.html)

| **Nested Class Summary** | |
| --- | --- |
| class | [**MetalComboBoxUI.MetalComboBoxLayoutManager**](http://docs.google.com/javax/swing/plaf/metal/MetalComboBoxUI.MetalComboBoxLayoutManager.html)            This inner class is marked "public" due to a compiler bug. |
| class | [**MetalComboBoxUI.MetalComboPopup**](http://docs.google.com/javax/swing/plaf/metal/MetalComboBoxUI.MetalComboPopup.html)  **Deprecated.** *As of Java 2 platform v1.4.* |
| class | [**MetalComboBoxUI.MetalPropertyChangeListener**](http://docs.google.com/javax/swing/plaf/metal/MetalComboBoxUI.MetalPropertyChangeListener.html)            This inner class is marked "public" due to a compiler bug. |

| **Nested classes/interfaces inherited from class javax.swing.plaf.basic.**[**BasicComboBoxUI**](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html) |
| --- |
| [BasicComboBoxUI.ComboBoxLayoutManager](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.ComboBoxLayoutManager.html), [BasicComboBoxUI.FocusHandler](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.FocusHandler.html), [BasicComboBoxUI.ItemHandler](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.ItemHandler.html), [BasicComboBoxUI.KeyHandler](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.KeyHandler.html), [BasicComboBoxUI.ListDataHandler](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.ListDataHandler.html), [BasicComboBoxUI.PropertyChangeHandler](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.PropertyChangeHandler.html) |

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

| **Fields inherited from class javax.swing.plaf.basic.**[**BasicComboBoxUI**](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html) |
| --- |
| [arrowButton](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#arrowButton), [cachedMinimumSize](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#cachedMinimumSize), [comboBox](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#comboBox), [currentValuePane](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#currentValuePane), [editor](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#editor), [focusListener](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#focusListener), [hasFocus](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#hasFocus), [isMinimumSizeDirty](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#isMinimumSizeDirty), [itemListener](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#itemListener), [keyListener](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#keyListener), [listBox](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#listBox), [listDataListener](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#listDataListener), [popup](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#popup), [popupKeyListener](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#popupKeyListener), [popupMouseListener](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#popupMouseListener), [popupMouseMotionListener](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#popupMouseMotionListener), [propertyChangeListener](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#propertyChangeListener) |

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

| **Method Summary** | |
| --- | --- |
| void | [**configureEditor**](http://docs.google.com/javax/swing/plaf/metal/MetalComboBoxUI.html#configureEditor())()            This protected method is implementation specific and should be private. |
| protected  [JButton](http://docs.google.com/javax/swing/JButton.html) | [**createArrowButton**](http://docs.google.com/javax/swing/plaf/metal/MetalComboBoxUI.html#createArrowButton())()            Creates an button which will be used as the control to show or hide the popup portion of the combo box. |
| protected  [ComboBoxEditor](http://docs.google.com/javax/swing/ComboBoxEditor.html) | [**createEditor**](http://docs.google.com/javax/swing/plaf/metal/MetalComboBoxUI.html#createEditor())()            Creates the default editor that will be used in editable combo boxes. |
| protected  [LayoutManager](http://docs.google.com/java/awt/LayoutManager.html) | [**createLayoutManager**](http://docs.google.com/javax/swing/plaf/metal/MetalComboBoxUI.html#createLayoutManager())()            Creates a layout manager for managing the components which make up the combo box. |
| protected  [ComboPopup](http://docs.google.com/javax/swing/plaf/basic/ComboPopup.html) | [**createPopup**](http://docs.google.com/javax/swing/plaf/metal/MetalComboBoxUI.html#createPopup())()            Creates the popup portion of the combo box. |
| [PropertyChangeListener](http://docs.google.com/java/beans/PropertyChangeListener.html) | [**createPropertyChangeListener**](http://docs.google.com/javax/swing/plaf/metal/MetalComboBoxUI.html#createPropertyChangeListener())()            Creates a PropertyChangeListener which will be added to the combo box. |
| static [ComponentUI](http://docs.google.com/javax/swing/plaf/ComponentUI.html) | [**createUI**](http://docs.google.com/javax/swing/plaf/metal/MetalComboBoxUI.html#createUI(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c) |
| protected  void | [**editablePropertyChanged**](http://docs.google.com/javax/swing/plaf/metal/MetalComboBoxUI.html#editablePropertyChanged(java.beans.PropertyChangeEvent))([PropertyChangeEvent](http://docs.google.com/java/beans/PropertyChangeEvent.html) e)  **Deprecated.** *As of Java 2 platform v1.4.* |
| int | [**getBaseline**](http://docs.google.com/javax/swing/plaf/metal/MetalComboBoxUI.html#getBaseline(javax.swing.JComponent,%20int,%20int))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c, int width, int height)            Returns the baseline. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | [**getMinimumSize**](http://docs.google.com/javax/swing/plaf/metal/MetalComboBoxUI.html#getMinimumSize(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c)            The minumum size is the size of the display area plus insets plus the button. |
| void | [**layoutComboBox**](http://docs.google.com/javax/swing/plaf/metal/MetalComboBoxUI.html#layoutComboBox(java.awt.Container,%20javax.swing.plaf.metal.MetalComboBoxUI.MetalComboBoxLayoutManager))([Container](http://docs.google.com/java/awt/Container.html) parent, [MetalComboBoxUI.MetalComboBoxLayoutManager](http://docs.google.com/javax/swing/plaf/metal/MetalComboBoxUI.MetalComboBoxLayoutManager.html) manager) |
| void | [**paint**](http://docs.google.com/javax/swing/plaf/metal/MetalComboBoxUI.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)            Paints the specified component appropriate for the look and feel. |
| void | [**paintCurrentValue**](http://docs.google.com/javax/swing/plaf/metal/MetalComboBoxUI.html#paintCurrentValue(java.awt.Graphics,%20java.awt.Rectangle,%20boolean))([Graphics](http://docs.google.com/java/awt/Graphics.html) g, [Rectangle](http://docs.google.com/java/awt/Rectangle.html) bounds, boolean hasFocus)            If necessary paints the currently selected item. |
| void | [**paintCurrentValueBackground**](http://docs.google.com/javax/swing/plaf/metal/MetalComboBoxUI.html#paintCurrentValueBackground(java.awt.Graphics,%20java.awt.Rectangle,%20boolean))([Graphics](http://docs.google.com/java/awt/Graphics.html) g, [Rectangle](http://docs.google.com/java/awt/Rectangle.html) bounds, boolean hasFocus)            If necessary paints the background of the currently selected item. |
| protected  void | [**removeListeners**](http://docs.google.com/javax/swing/plaf/metal/MetalComboBoxUI.html#removeListeners())()  **Deprecated.** *As of Java 2 platform v1.4.* |
| void | [**unconfigureEditor**](http://docs.google.com/javax/swing/plaf/metal/MetalComboBoxUI.html#unconfigureEditor())()            This protected method is implementation specific and should be private. |

| **Methods inherited from class javax.swing.plaf.basic.**[**BasicComboBoxUI**](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html) |
| --- |
| [addEditor](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#addEditor()), [configureArrowButton](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#configureArrowButton()), [createFocusListener](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#createFocusListener()), [createItemListener](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#createItemListener()), [createKeyListener](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#createKeyListener()), [createListDataListener](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#createListDataListener()), [createRenderer](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#createRenderer()), [getAccessibleChild](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#getAccessibleChild(javax.swing.JComponent,%20int)), [getAccessibleChildrenCount](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#getAccessibleChildrenCount(javax.swing.JComponent)), [getBaselineResizeBehavior](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#getBaselineResizeBehavior(javax.swing.JComponent)), [getDefaultSize](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#getDefaultSize()), [getDisplaySize](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#getDisplaySize()), [getInsets](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#getInsets()), [getMaximumSize](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#getMaximumSize(javax.swing.JComponent)), [getPreferredSize](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#getPreferredSize(javax.swing.JComponent)), [installComponents](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#installComponents()), [installDefaults](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#installDefaults()), [installKeyboardActions](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#installKeyboardActions()), [installListeners](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#installListeners()), [installUI](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#installUI(javax.swing.JComponent)), [isFocusTraversable](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#isFocusTraversable(javax.swing.JComboBox)), [isNavigationKey](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#isNavigationKey(int)), [isPopupVisible](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#isPopupVisible(javax.swing.JComboBox)), [rectangleForCurrentValue](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#rectangleForCurrentValue()), [removeEditor](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#removeEditor()), [selectNextPossibleValue](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#selectNextPossibleValue()), [selectPreviousPossibleValue](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#selectPreviousPossibleValue()), [setPopupVisible](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#setPopupVisible(javax.swing.JComboBox,%20boolean)), [toggleOpenClose](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#toggleOpenClose()), [unconfigureArrowButton](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#unconfigureArrowButton()), [uninstallComponents](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#uninstallComponents()), [uninstallDefaults](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#uninstallDefaults()), [uninstallKeyboardActions](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#uninstallKeyboardActions()), [uninstallListeners](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#uninstallListeners()), [uninstallUI](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.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)), [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** |
| --- |

### MetalComboBoxUI

public **MetalComboBoxUI**()

| **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)

### 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:** [**ComponentUI**](http://docs.google.com/javax/swing/plaf/ComponentUI.html#paint(java.awt.Graphics,%20javax.swing.JComponent)) Paints the specified component appropriate for the look and feel. This method is invoked from the ComponentUI.update method when the specified component is being painted. Subclasses should override this method and use the specified Graphics object to render the content of the component.

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

### paintCurrentValue

public void **paintCurrentValue**([Graphics](http://docs.google.com/java/awt/Graphics.html) g,  
 [Rectangle](http://docs.google.com/java/awt/Rectangle.html) bounds,  
 boolean hasFocus)

If necessary paints the currently selected item.

**Overrides:**[paintCurrentValue](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#paintCurrentValue(java.awt.Graphics,%20java.awt.Rectangle,%20boolean)) in class [BasicComboBoxUI](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html) **Parameters:**g - Graphics to paint tobounds - Region to paint current value tohasFocus - whether or not the JComboBox has focus **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if any of the arguments are null.**Since:** 1.5

### paintCurrentValueBackground

public void **paintCurrentValueBackground**([Graphics](http://docs.google.com/java/awt/Graphics.html) g,  
 [Rectangle](http://docs.google.com/java/awt/Rectangle.html) bounds,  
 boolean hasFocus)

If necessary paints the background of the currently selected item.

**Overrides:**[paintCurrentValueBackground](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#paintCurrentValueBackground(java.awt.Graphics,%20java.awt.Rectangle,%20boolean)) in class [BasicComboBoxUI](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html) **Parameters:**g - Graphics to paint tobounds - Region to paint background tohasFocus - whether or not the JComboBox has focus **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if any of the arguments are null.**Since:** 1.5

### getBaseline

public int **getBaseline**([JComponent](http://docs.google.com/javax/swing/JComponent.html) c,  
 int width,  
 int height)

Returns the baseline.

**Overrides:**[getBaseline](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#getBaseline(javax.swing.JComponent,%20int,%20int)) in class [BasicComboBoxUI](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html) **Parameters:**c - JComponent baseline is being requested forwidth - the width to get the baseline forheight - the height to get the baseline for **Returns:**baseline or a value < 0 indicating there is no reasonable baseline **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if c is null [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if width or height is < 0**Since:** 1.6 **See Also:**[JComponent.getBaseline(int, int)](http://docs.google.com/javax/swing/JComponent.html#getBaseline(int,%20int))

### createEditor

protected [ComboBoxEditor](http://docs.google.com/javax/swing/ComboBoxEditor.html) **createEditor**()

**Description copied from class:** [**BasicComboBoxUI**](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#createEditor()) Creates the default editor that will be used in editable combo boxes. A default editor will be used only if an editor has not been explicitly set with setEditor.

**Overrides:**[createEditor](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#createEditor()) in class [BasicComboBoxUI](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html) **Returns:**a ComboBoxEditor used for the combo box**See Also:**[JComboBox.setEditor(javax.swing.ComboBoxEditor)](http://docs.google.com/javax/swing/JComboBox.html#setEditor(javax.swing.ComboBoxEditor))

### createPopup

protected [ComboPopup](http://docs.google.com/javax/swing/plaf/basic/ComboPopup.html) **createPopup**()

**Description copied from class:** [**BasicComboBoxUI**](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#createPopup()) Creates the popup portion of the combo box.

**Overrides:**[createPopup](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#createPopup()) in class [BasicComboBoxUI](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html) **Returns:**an instance of ComboPopup**See Also:**[ComboPopup](http://docs.google.com/javax/swing/plaf/basic/ComboPopup.html)

### createArrowButton

protected [JButton](http://docs.google.com/javax/swing/JButton.html) **createArrowButton**()

**Description copied from class:** [**BasicComboBoxUI**](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#createArrowButton()) Creates an button which will be used as the control to show or hide the popup portion of the combo box.

**Overrides:**[createArrowButton](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#createArrowButton()) in class [BasicComboBoxUI](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html) **Returns:**a button which represents the popup control

### createPropertyChangeListener

public [PropertyChangeListener](http://docs.google.com/java/beans/PropertyChangeListener.html) **createPropertyChangeListener**()

**Description copied from class:** [**BasicComboBoxUI**](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#createPropertyChangeListener()) Creates a PropertyChangeListener which will be added to the combo box. If this method returns null then it will not be added to the combo box.

**Overrides:**[createPropertyChangeListener](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#createPropertyChangeListener()) in class [BasicComboBoxUI](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html) **Returns:**an instance of a PropertyChangeListener or null

### editablePropertyChanged

[@Deprecated](http://docs.google.com/java/lang/Deprecated.html)  
protected void **editablePropertyChanged**([PropertyChangeEvent](http://docs.google.com/java/beans/PropertyChangeEvent.html) e)

**Deprecated.** *As of Java 2 platform v1.4.*

As of Java 2 platform v1.4 this method is no longer used. Do not call or override. All the functionality of this method is in the MetalPropertyChangeListener.

### createLayoutManager

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

**Description copied from class:** [**BasicComboBoxUI**](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#createLayoutManager()) Creates a layout manager for managing the components which make up the combo box.

**Overrides:**[createLayoutManager](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#createLayoutManager()) in class [BasicComboBoxUI](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html) **Returns:**an instance of a layout manager

### layoutComboBox

public void **layoutComboBox**([Container](http://docs.google.com/java/awt/Container.html) parent,  
 [MetalComboBoxUI.MetalComboBoxLayoutManager](http://docs.google.com/javax/swing/plaf/metal/MetalComboBoxUI.MetalComboBoxLayoutManager.html) manager)

### removeListeners

[@Deprecated](http://docs.google.com/java/lang/Deprecated.html)  
protected void **removeListeners**()

**Deprecated.** *As of Java 2 platform v1.4.*

As of Java 2 platform v1.4 this method is no longer used.

### configureEditor

public void **configureEditor**()

**Description copied from class:** [**BasicComboBoxUI**](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#configureEditor()) This protected method is implementation specific and should be private. do not call or override.

**Overrides:**[configureEditor](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#configureEditor()) in class [BasicComboBoxUI](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html) **See Also:**[BasicComboBoxUI.addEditor()](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#addEditor())

### unconfigureEditor

public void **unconfigureEditor**()

**Description copied from class:** [**BasicComboBoxUI**](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#unconfigureEditor()) This protected method is implementation specific and should be private. Do not call or override.

**Overrides:**[unconfigureEditor](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#unconfigureEditor()) in class [BasicComboBoxUI](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html) **See Also:**[BasicComboBoxUI.addEditor()](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#addEditor())

### 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:** [**BasicComboBoxUI**](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#getMinimumSize(javax.swing.JComponent)) The minumum size is the size of the display area plus insets plus the button.

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

| | [**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.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/MetalComboBoxIcon.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/plaf/metal/MetalComboBoxUI.MetalComboBoxLayoutManager.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/plaf/metal/MetalComboBoxUI.html)    [**NO FRAMES**](http://docs.google.com/MetalComboBoxUI.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: [NESTED](#3znysh7) | [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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