| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/awt/event/KeyListener.html) | **Use** | [**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   NEXT | [**FRAMES**](http://docs.google.com/index.html?java/awt/event//class-useKeyListener.html)    [**NO FRAMES**](http://docs.google.com/KeyListener.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Interface**

**java.awt.event.KeyListener**

| Packages that use [KeyListener](http://docs.google.com/java/awt/event/KeyListener.html) | |
| --- | --- |
| [**java.awt**](#3znysh7) | Contains all of the classes for creating user interfaces and for painting graphics and images. |
| [**java.awt.event**](#2et92p0) | Provides interfaces and classes for dealing with different types of events fired by AWT components. |
| [**javax.swing.plaf.basic**](#tyjcwt) | Provides user interface objects built according to the Basic look and feel. |

| Uses of [KeyListener](http://docs.google.com/java/awt/event/KeyListener.html) in [java.awt](http://docs.google.com/java/awt/package-summary.html) | |
| --- | --- |

| Classes in [java.awt](http://docs.google.com/java/awt/package-summary.html) that implement [KeyListener](http://docs.google.com/java/awt/event/KeyListener.html) | |
| --- | --- |
| class | [**AWTEventMulticaster**](http://docs.google.com/java/awt/AWTEventMulticaster.html)            AWTEventMulticaster implements efficient and thread-safe multi-cast event dispatching for the AWT events defined in the java.awt.event package. |

| Methods in [java.awt](http://docs.google.com/java/awt/package-summary.html) that return [KeyListener](http://docs.google.com/java/awt/event/KeyListener.html) | |
| --- | --- |
| static [KeyListener](http://docs.google.com/java/awt/event/KeyListener.html) | **AWTEventMulticaster.**[**add**](http://docs.google.com/java/awt/AWTEventMulticaster.html#add(java.awt.event.KeyListener,%20java.awt.event.KeyListener))([KeyListener](http://docs.google.com/java/awt/event/KeyListener.html) a, [KeyListener](http://docs.google.com/java/awt/event/KeyListener.html) b)            Adds key-listener-a with key-listener-b and returns the resulting multicast listener. |
| [KeyListener](http://docs.google.com/java/awt/event/KeyListener.html)[] | **Component.**[**getKeyListeners**](http://docs.google.com/java/awt/Component.html#getKeyListeners())()            Returns an array of all the key listeners registered on this component. |
| static [KeyListener](http://docs.google.com/java/awt/event/KeyListener.html) | **AWTEventMulticaster.**[**remove**](http://docs.google.com/java/awt/AWTEventMulticaster.html#remove(java.awt.event.KeyListener,%20java.awt.event.KeyListener))([KeyListener](http://docs.google.com/java/awt/event/KeyListener.html) l, [KeyListener](http://docs.google.com/java/awt/event/KeyListener.html) oldl)            Removes the old key-listener from key-listener-l and returns the resulting multicast listener. |

| Methods in [java.awt](http://docs.google.com/java/awt/package-summary.html) with parameters of type [KeyListener](http://docs.google.com/java/awt/event/KeyListener.html) | |
| --- | --- |
| static [KeyListener](http://docs.google.com/java/awt/event/KeyListener.html) | **AWTEventMulticaster.**[**add**](http://docs.google.com/java/awt/AWTEventMulticaster.html#add(java.awt.event.KeyListener,%20java.awt.event.KeyListener))([KeyListener](http://docs.google.com/java/awt/event/KeyListener.html) a, [KeyListener](http://docs.google.com/java/awt/event/KeyListener.html) b)            Adds key-listener-a with key-listener-b and returns the resulting multicast listener. |
| void | **Component.**[**addKeyListener**](http://docs.google.com/java/awt/Component.html#addKeyListener(java.awt.event.KeyListener))([KeyListener](http://docs.google.com/java/awt/event/KeyListener.html) l)            Adds the specified key listener to receive key events from this component. |
| static [KeyListener](http://docs.google.com/java/awt/event/KeyListener.html) | **AWTEventMulticaster.**[**remove**](http://docs.google.com/java/awt/AWTEventMulticaster.html#remove(java.awt.event.KeyListener,%20java.awt.event.KeyListener))([KeyListener](http://docs.google.com/java/awt/event/KeyListener.html) l, [KeyListener](http://docs.google.com/java/awt/event/KeyListener.html) oldl)            Removes the old key-listener from key-listener-l and returns the resulting multicast listener. |
| void | **Component.**[**removeKeyListener**](http://docs.google.com/java/awt/Component.html#removeKeyListener(java.awt.event.KeyListener))([KeyListener](http://docs.google.com/java/awt/event/KeyListener.html) l)            Removes the specified key listener so that it no longer receives key events from this component. |

| Uses of [KeyListener](http://docs.google.com/java/awt/event/KeyListener.html) in [java.awt.event](http://docs.google.com/java/awt/event/package-summary.html) | |
| --- | --- |

| Classes in [java.awt.event](http://docs.google.com/java/awt/event/package-summary.html) that implement [KeyListener](http://docs.google.com/java/awt/event/KeyListener.html) | |
| --- | --- |
| class | [**KeyAdapter**](http://docs.google.com/java/awt/event/KeyAdapter.html)            An abstract adapter class for receiving keyboard events. |

| Uses of [KeyListener](http://docs.google.com/java/awt/event/KeyListener.html) in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) | |
| --- | --- |

| Classes in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) that implement [KeyListener](http://docs.google.com/java/awt/event/KeyListener.html) | |
| --- | --- |
| class | [**BasicComboBoxUI.KeyHandler**](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.KeyHandler.html)            This listener checks to see if the key event isn't a navigation key. |
| class | [**BasicComboPopup.InvocationKeyHandler**](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.InvocationKeyHandler.html)            As of Java 2 platform v 1.4, this class is now obsolete and is only included for backwards API compatibility. |
| class | [**BasicTableUI.KeyHandler**](http://docs.google.com/javax/swing/plaf/basic/BasicTableUI.KeyHandler.html)            This inner class is marked "public" due to a compiler bug. |
| class | [**BasicTreeUI.KeyHandler**](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.KeyHandler.html)            This is used to get mutliple key down events to appropriately generate events. |

| Fields in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) declared as [KeyListener](http://docs.google.com/java/awt/event/KeyListener.html) | |
| --- | --- |
| protected  [KeyListener](http://docs.google.com/java/awt/event/KeyListener.html) | **BasicTableUI.**[**keyListener**](http://docs.google.com/javax/swing/plaf/basic/BasicTableUI.html#keyListener) |
| protected  [KeyListener](http://docs.google.com/java/awt/event/KeyListener.html) | **BasicComboBoxUI.**[**keyListener**](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#keyListener)            This protected field is implementation specific. |
| protected  [KeyListener](http://docs.google.com/java/awt/event/KeyListener.html) | **BasicComboPopup.**[**keyListener**](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#keyListener)            This protected field is implementation specific. |
| protected  [KeyListener](http://docs.google.com/java/awt/event/KeyListener.html) | **BasicComboBoxUI.**[**popupKeyListener**](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#popupKeyListener) |

| Methods in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) that return [KeyListener](http://docs.google.com/java/awt/event/KeyListener.html) | |
| --- | --- |
| protected  [KeyListener](http://docs.google.com/java/awt/event/KeyListener.html) | **BasicTableUI.**[**createKeyListener**](http://docs.google.com/javax/swing/plaf/basic/BasicTableUI.html#createKeyListener())()            Creates the key listener for handling keyboard navigation in the JTable. |
| protected  [KeyListener](http://docs.google.com/java/awt/event/KeyListener.html) | **BasicTreeUI.**[**createKeyListener**](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.html#createKeyListener())()            Creates the listener reponsible for getting key events from the tree. |
| protected  [KeyListener](http://docs.google.com/java/awt/event/KeyListener.html) | **BasicComboBoxUI.**[**createKeyListener**](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#createKeyListener())()            Creates a KeyListener which will be added to the combo box. |
| protected  [KeyListener](http://docs.google.com/java/awt/event/KeyListener.html) | **BasicComboPopup.**[**createKeyListener**](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#createKeyListener())()            Creates the key listener that will be added to the combo box. |
| [KeyListener](http://docs.google.com/java/awt/event/KeyListener.html) | **BasicComboPopup.**[**getKeyListener**](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#getKeyListener())()            Implementation of ComboPopup.getKeyListener(). |
| [KeyListener](http://docs.google.com/java/awt/event/KeyListener.html) | **ComboPopup.**[**getKeyListener**](http://docs.google.com/javax/swing/plaf/basic/ComboPopup.html#getKeyListener())()            Returns a key listener that will be added to the combo box or null. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/awt/event/KeyListener.html) | **Use** | [**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   NEXT | [**FRAMES**](http://docs.google.com/index.html?java/awt/event//class-useKeyListener.html)    [**NO FRAMES**](http://docs.google.com/KeyListener.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

[Submit a bug or feature](http://bugs.sun.com/services/bugreport/index.jsp)

For further API reference and developer documentation, see [Java SE Developer Documentation](http://docs.google.com/webnotes/devdocs-vs-specs.html). That documentation contains more detailed, developer-targeted descriptions, with conceptual overviews, definitions of terms, workarounds, and working code examples.

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