| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/javax/swing/KeyStroke.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?javax/swing//class-useKeyStroke.html)    [**NO FRAMES**](http://docs.google.com/KeyStroke.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Class**

**javax.swing.KeyStroke**

| Packages that use [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) | |
| --- | --- |
| [**javax.swing**](#3znysh7) | Provides a set of "lightweight" (all-Java language) components that, to the maximum degree possible, work the same on all platforms. |
| [**javax.swing.plaf.basic**](#2et92p0) | Provides user interface objects built according to the Basic look and feel. |
| [**javax.swing.text**](#tyjcwt) | Provides classes and interfaces that deal with editable and noneditable text components. |

| Uses of [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) | |
| --- | --- |

| Methods in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) that return [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) | |
| --- | --- |
| [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html)[] | **InputMap.**[**allKeys**](http://docs.google.com/javax/swing/InputMap.html#allKeys())()            Returns an array of the KeyStrokes defined in this InputMap and its parent. |
| [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) | **JMenuItem.**[**getAccelerator**](http://docs.google.com/javax/swing/JMenuItem.html#getAccelerator())()            Returns the KeyStroke which serves as an accelerator for the menu item. |
| static [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) | **KeyStroke.**[**getKeyStroke**](http://docs.google.com/javax/swing/KeyStroke.html#getKeyStroke(char))(char keyChar)            Returns a shared instance of a KeyStroke that represents a KEY\_TYPED event for the specified character. |
| static [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) | **KeyStroke.**[**getKeyStroke**](http://docs.google.com/javax/swing/KeyStroke.html#getKeyStroke(java.lang.Character,%20int))([Character](http://docs.google.com/java/lang/Character.html) keyChar, int modifiers)            Returns a shared instance of a KeyStroke that represents a KEY\_TYPED event for the specified Character object and a set of modifiers. |
| static [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) | **KeyStroke.**[**getKeyStroke**](http://docs.google.com/javax/swing/KeyStroke.html#getKeyStroke(char,%20boolean))(char keyChar, boolean onKeyRelease)  **Deprecated.** *use getKeyStroke(char)* |
| static [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) | **KeyStroke.**[**getKeyStroke**](http://docs.google.com/javax/swing/KeyStroke.html#getKeyStroke(int,%20int))(int keyCode, int modifiers)            Returns a shared instance of a KeyStroke, given a numeric key code and a set of modifiers. |
| static [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) | **KeyStroke.**[**getKeyStroke**](http://docs.google.com/javax/swing/KeyStroke.html#getKeyStroke(int,%20int,%20boolean))(int keyCode, int modifiers, boolean onKeyRelease)            Returns a shared instance of a KeyStroke, given a numeric key code and a set of modifiers, specifying whether the key is activated when it is pressed or released. |
| static [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) | **KeyStroke.**[**getKeyStroke**](http://docs.google.com/javax/swing/KeyStroke.html#getKeyStroke(java.lang.String))([String](http://docs.google.com/java/lang/String.html) s)            Parses a string and returns a KeyStroke. |
| static [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) | **KeyStroke.**[**getKeyStrokeForEvent**](http://docs.google.com/javax/swing/KeyStroke.html#getKeyStrokeForEvent(java.awt.event.KeyEvent))([KeyEvent](http://docs.google.com/java/awt/event/KeyEvent.html) anEvent)            Returns a KeyStroke which represents the stroke which generated a given KeyEvent. |
| [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html)[] | **JComponent.**[**getRegisteredKeyStrokes**](http://docs.google.com/javax/swing/JComponent.html#getRegisteredKeyStrokes())()            Returns the KeyStrokes that will initiate registered actions. |
| [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html)[] | **InputMap.**[**keys**](http://docs.google.com/javax/swing/InputMap.html#keys())()            Returns the KeyStrokes that are bound in this InputMap. |

| Methods in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) with parameters of type [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) | |
| --- | --- |
| [Object](http://docs.google.com/java/lang/Object.html) | **InputMap.**[**get**](http://docs.google.com/javax/swing/InputMap.html#get(javax.swing.KeyStroke))([KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) keyStroke)            Returns the binding for keyStroke, messaging the parent InputMap if the binding is not locally defined. |
| [ActionListener](http://docs.google.com/java/awt/event/ActionListener.html) | **JComponent.**[**getActionForKeyStroke**](http://docs.google.com/javax/swing/JComponent.html#getActionForKeyStroke(javax.swing.KeyStroke))([KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) aKeyStroke)            Returns the object that will perform the action registered for a given keystroke. |
| int | **JComponent.**[**getConditionForKeyStroke**](http://docs.google.com/javax/swing/JComponent.html#getConditionForKeyStroke(javax.swing.KeyStroke))([KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) aKeyStroke)            Returns the condition that determines whether a registered action occurs in response to the specified keystroke. |
| static boolean | **SwingUtilities.**[**notifyAction**](http://docs.google.com/javax/swing/SwingUtilities.html#notifyAction(javax.swing.Action,%20javax.swing.KeyStroke,%20java.awt.event.KeyEvent,%20java.lang.Object,%20int))([Action](http://docs.google.com/javax/swing/Action.html) action, [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) ks, [KeyEvent](http://docs.google.com/java/awt/event/KeyEvent.html) event, [Object](http://docs.google.com/java/lang/Object.html) sender, int modifiers)            Invokes actionPerformed on action if action is enabled (and non-null). |
| protected  boolean | **JTable.**[**processKeyBinding**](http://docs.google.com/javax/swing/JTable.html#processKeyBinding(javax.swing.KeyStroke,%20java.awt.event.KeyEvent,%20int,%20boolean))([KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) ks, [KeyEvent](http://docs.google.com/java/awt/event/KeyEvent.html) e, int condition, boolean pressed) |
| protected  boolean | **JMenuBar.**[**processKeyBinding**](http://docs.google.com/javax/swing/JMenuBar.html#processKeyBinding(javax.swing.KeyStroke,%20java.awt.event.KeyEvent,%20int,%20boolean))([KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) ks, [KeyEvent](http://docs.google.com/java/awt/event/KeyEvent.html) e, int condition, boolean pressed)            Subclassed to check all the child menus. |
| protected  boolean | **JComponent.**[**processKeyBinding**](http://docs.google.com/javax/swing/JComponent.html#processKeyBinding(javax.swing.KeyStroke,%20java.awt.event.KeyEvent,%20int,%20boolean))([KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) ks, [KeyEvent](http://docs.google.com/java/awt/event/KeyEvent.html) e, int condition, boolean pressed)            Invoked to process the key bindings for ks as the result of the KeyEvent e. |
| void | **ComponentInputMap.**[**put**](http://docs.google.com/javax/swing/ComponentInputMap.html#put(javax.swing.KeyStroke,%20java.lang.Object))([KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) keyStroke, [Object](http://docs.google.com/java/lang/Object.html) actionMapKey)            Adds a binding for keyStroke to actionMapKey. |
| void | **InputMap.**[**put**](http://docs.google.com/javax/swing/InputMap.html#put(javax.swing.KeyStroke,%20java.lang.Object))([KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) keyStroke, [Object](http://docs.google.com/java/lang/Object.html) actionMapKey)            Adds a binding for keyStroke to actionMapKey. |
| void | **JComponent.**[**registerKeyboardAction**](http://docs.google.com/javax/swing/JComponent.html#registerKeyboardAction(java.awt.event.ActionListener,%20javax.swing.KeyStroke,%20int))([ActionListener](http://docs.google.com/java/awt/event/ActionListener.html) anAction, [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) aKeyStroke, int aCondition)            This method is now obsolete, please use a combination of getActionMap() and getInputMap() for similiar behavior. |
| void | **JComponent.**[**registerKeyboardAction**](http://docs.google.com/javax/swing/JComponent.html#registerKeyboardAction(java.awt.event.ActionListener,%20java.lang.String,%20javax.swing.KeyStroke,%20int))([ActionListener](http://docs.google.com/java/awt/event/ActionListener.html) anAction, [String](http://docs.google.com/java/lang/String.html) aCommand, [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) aKeyStroke, int aCondition)            This method is now obsolete, please use a combination of getActionMap() and getInputMap() for similiar behavior. |
| void | **ComponentInputMap.**[**remove**](http://docs.google.com/javax/swing/ComponentInputMap.html#remove(javax.swing.KeyStroke))([KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) key)            Removes the binding for key from this object. |
| void | **InputMap.**[**remove**](http://docs.google.com/javax/swing/InputMap.html#remove(javax.swing.KeyStroke))([KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) key)            Removes the binding for key from this InputMap. |
| void | **JMenuItem.**[**setAccelerator**](http://docs.google.com/javax/swing/JMenuItem.html#setAccelerator(javax.swing.KeyStroke))([KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) keyStroke)            Sets the key combination which invokes the menu item's action listeners without navigating the menu hierarchy. |
| void | **JMenu.**[**setAccelerator**](http://docs.google.com/javax/swing/JMenu.html#setAccelerator(javax.swing.KeyStroke))([KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) keyStroke)            setAccelerator is not defined for JMenu. |
| void | **JComponent.**[**unregisterKeyboardAction**](http://docs.google.com/javax/swing/JComponent.html#unregisterKeyboardAction(javax.swing.KeyStroke))([KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) aKeyStroke)            This method is now obsolete. |

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

| Fields in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) declared as [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) | |
| --- | --- |
| protected  [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) | **BasicDesktopPaneUI.**[**closeKey**](http://docs.google.com/javax/swing/plaf/basic/BasicDesktopPaneUI.html#closeKey)  **Deprecated.** *As of 1.3.* |
| protected  [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) | **BasicSplitPaneUI.**[**dividerResizeToggleKey**](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneUI.html#dividerResizeToggleKey)  **Deprecated.** *As of Java 2 platform v1.3.* |
| protected  [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) | **BasicToolBarUI.**[**downKey**](http://docs.google.com/javax/swing/plaf/basic/BasicToolBarUI.html#downKey)  **Deprecated.** *As of Java 2 platform v1.3.* |
| protected  [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) | **BasicTabbedPaneUI.**[**downKey**](http://docs.google.com/javax/swing/plaf/basic/BasicTabbedPaneUI.html#downKey)  **Deprecated.** *As of Java 2 platform v1.3.* |
| protected  [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) | **BasicSplitPaneUI.**[**downKey**](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneUI.html#downKey)  **Deprecated.** *As of Java 2 platform v1.3.* |
| protected  [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) | **BasicSplitPaneUI.**[**endKey**](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneUI.html#endKey)  **Deprecated.** *As of Java 2 platform v1.3.* |
| protected  [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) | **BasicSplitPaneUI.**[**homeKey**](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneUI.html#homeKey)  **Deprecated.** *As of Java 2 platform v1.3.* |
| protected  [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) | **BasicToolBarUI.**[**leftKey**](http://docs.google.com/javax/swing/plaf/basic/BasicToolBarUI.html#leftKey)  **Deprecated.** *As of Java 2 platform v1.3.* |
| protected  [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) | **BasicTabbedPaneUI.**[**leftKey**](http://docs.google.com/javax/swing/plaf/basic/BasicTabbedPaneUI.html#leftKey)  **Deprecated.** *As of Java 2 platform v1.3.* |
| protected  [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) | **BasicSplitPaneUI.**[**leftKey**](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneUI.html#leftKey)  **Deprecated.** *As of Java 2 platform v1.3.* |
| protected  [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) | **BasicDesktopPaneUI.**[**maximizeKey**](http://docs.google.com/javax/swing/plaf/basic/BasicDesktopPaneUI.html#maximizeKey)  **Deprecated.** *As of 1.3.* |
| protected  [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) | **BasicDesktopPaneUI.**[**minimizeKey**](http://docs.google.com/javax/swing/plaf/basic/BasicDesktopPaneUI.html#minimizeKey)  **Deprecated.** *As of 1.3.* |
| protected  [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) | **BasicDesktopPaneUI.**[**navigateKey**](http://docs.google.com/javax/swing/plaf/basic/BasicDesktopPaneUI.html#navigateKey)  **Deprecated.** *As of 1.3.* |
| protected  [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) | **BasicDesktopPaneUI.**[**navigateKey2**](http://docs.google.com/javax/swing/plaf/basic/BasicDesktopPaneUI.html#navigateKey2)  **Deprecated.** *As of 1.3.* |
| protected  [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) | **BasicInternalFrameUI.**[**openMenuKey**](http://docs.google.com/javax/swing/plaf/basic/BasicInternalFrameUI.html#openMenuKey)  **Deprecated.** *As of Java 2 platform v1.3.* |
| protected  [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) | **BasicToolBarUI.**[**rightKey**](http://docs.google.com/javax/swing/plaf/basic/BasicToolBarUI.html#rightKey)  **Deprecated.** *As of Java 2 platform v1.3.* |
| protected  [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) | **BasicTabbedPaneUI.**[**rightKey**](http://docs.google.com/javax/swing/plaf/basic/BasicTabbedPaneUI.html#rightKey)  **Deprecated.** *As of Java 2 platform v1.3.* |
| protected  [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) | **BasicSplitPaneUI.**[**rightKey**](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneUI.html#rightKey)  **Deprecated.** *As of Java 2 platform v1.3.* |
| protected  [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) | **BasicToolBarUI.**[**upKey**](http://docs.google.com/javax/swing/plaf/basic/BasicToolBarUI.html#upKey)  **Deprecated.** *As of Java 2 platform v1.3.* |
| protected  [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) | **BasicTabbedPaneUI.**[**upKey**](http://docs.google.com/javax/swing/plaf/basic/BasicTabbedPaneUI.html#upKey)  **Deprecated.** *As of Java 2 platform v1.3.* |
| protected  [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) | **BasicSplitPaneUI.**[**upKey**](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneUI.html#upKey)  **Deprecated.** *As of Java 2 platform v1.3.* |

| Uses of [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) | |
| --- | --- |

| Fields in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) declared as [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) | |
| --- | --- |
| [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) | **JTextComponent.KeyBinding.**[**key**](http://docs.google.com/javax/swing/text/JTextComponent.KeyBinding.html#key)            The key. |

| Methods in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) that return [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) | |
| --- | --- |
| [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html)[] | **Keymap.**[**getBoundKeyStrokes**](http://docs.google.com/javax/swing/text/Keymap.html#getBoundKeyStrokes())()            Fetches all of the keystrokes in this map that are bound to some action. |
| [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html)[] | **Keymap.**[**getKeyStrokesForAction**](http://docs.google.com/javax/swing/text/Keymap.html#getKeyStrokesForAction(javax.swing.Action))([Action](http://docs.google.com/javax/swing/Action.html) a)            Fetches the keystrokes that will result in the given action. |

| Methods in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) with parameters of type [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) | |
| --- | --- |
| void | **Keymap.**[**addActionForKeyStroke**](http://docs.google.com/javax/swing/text/Keymap.html#addActionForKeyStroke(javax.swing.KeyStroke,%20javax.swing.Action))([KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) key, [Action](http://docs.google.com/javax/swing/Action.html) a)            Adds a binding to the keymap. |
| [Action](http://docs.google.com/javax/swing/Action.html) | **Keymap.**[**getAction**](http://docs.google.com/javax/swing/text/Keymap.html#getAction(javax.swing.KeyStroke))([KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) key)            Fetches the action appropriate for the given symbolic event sequence. |
| boolean | **Keymap.**[**isLocallyDefined**](http://docs.google.com/javax/swing/text/Keymap.html#isLocallyDefined(javax.swing.KeyStroke))([KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) key)            Determines if the given key sequence is locally defined. |
| void | **Keymap.**[**removeKeyStrokeBinding**](http://docs.google.com/javax/swing/text/Keymap.html#removeKeyStrokeBinding(javax.swing.KeyStroke))([KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) keys)            Removes a binding from the keymap. |

| Constructors in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) with parameters of type [KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) | |
| --- | --- |
| [**JTextComponent.KeyBinding**](http://docs.google.com/javax/swing/text/JTextComponent.KeyBinding.html#JTextComponent.KeyBinding(javax.swing.KeyStroke,%20java.lang.String))([KeyStroke](http://docs.google.com/javax/swing/KeyStroke.html) key, [String](http://docs.google.com/java/lang/String.html) actionName)            Creates a new key binding. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/javax/swing/KeyStroke.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?javax/swing//class-useKeyStroke.html)    [**NO FRAMES**](http://docs.google.com/KeyStroke.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.

Copyright 2006 Sun Microsystems, Inc. All rights reserved. Use is subject to [license terms](http://docs.google.com/legal/license.html). Also see the [documentation redistribution policy](http://java.sun.com/docs/redist.html).