| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/DefaultEditorKit.DefaultKeyTypedAction.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/text/DefaultEditorKit.CutAction.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/text/DefaultEditorKit.InsertBreakAction.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/text/DefaultEditorKit.DefaultKeyTypedAction.html)    [**NO FRAMES**](http://docs.google.com/DefaultEditorKit.DefaultKeyTypedAction.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#2et92p0) | [CONSTR](#3dy6vkm) | [METHOD](#1t3h5sf) | DETAIL: FIELD | [CONSTR](#3rdcrjn) | [METHOD](#lnxbz9) |

## **javax.swing.text**

Class DefaultEditorKit.DefaultKeyTypedAction

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [javax.swing.AbstractAction](http://docs.google.com/javax/swing/AbstractAction.html)  
 [javax.swing.text.TextAction](http://docs.google.com/javax/swing/text/TextAction.html)  
 **javax.swing.text.DefaultEditorKit.DefaultKeyTypedAction**

**All Implemented Interfaces:** [ActionListener](http://docs.google.com/java/awt/event/ActionListener.html), [Serializable](http://docs.google.com/java/io/Serializable.html), [Cloneable](http://docs.google.com/java/lang/Cloneable.html), [EventListener](http://docs.google.com/java/util/EventListener.html), [Action](http://docs.google.com/javax/swing/Action.html) **Enclosing class:**[DefaultEditorKit](http://docs.google.com/javax/swing/text/DefaultEditorKit.html)

public static class **DefaultEditorKit.DefaultKeyTypedAction**extends [TextAction](http://docs.google.com/javax/swing/text/TextAction.html)

The action that is executed by default if a *key typed event* is received and there is no keymap entry. There is a variation across different VM's in what gets sent as a *key typed* event, and this action tries to filter out the undesired events. This filters the control characters and those with the ALT modifier. It allows Control-Alt sequences through as these form legitimate unicode characters on some PC keyboards.

If the event doesn't get filtered, it will try to insert content into the text editor. The content is fetched from the command string of the ActionEvent. The text entry is done through the replaceSelection method on the target text component. This is the action that will be fired for most text entry tasks.

**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:**[DefaultEditorKit.defaultKeyTypedAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#defaultKeyTypedAction), [DefaultEditorKit.getActions()](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions()), [Keymap.setDefaultAction(javax.swing.Action)](http://docs.google.com/javax/swing/text/Keymap.html#setDefaultAction(javax.swing.Action)), [Keymap.getDefaultAction()](http://docs.google.com/javax/swing/text/Keymap.html#getDefaultAction())

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

| **Fields inherited from class javax.swing.**[**AbstractAction**](http://docs.google.com/javax/swing/AbstractAction.html) |
| --- |
| [changeSupport](http://docs.google.com/javax/swing/AbstractAction.html#changeSupport), [enabled](http://docs.google.com/javax/swing/AbstractAction.html#enabled) |

| **Fields inherited from interface javax.swing.**[**Action**](http://docs.google.com/javax/swing/Action.html) |
| --- |
| [ACCELERATOR\_KEY](http://docs.google.com/javax/swing/Action.html#ACCELERATOR_KEY), [ACTION\_COMMAND\_KEY](http://docs.google.com/javax/swing/Action.html#ACTION_COMMAND_KEY), [DEFAULT](http://docs.google.com/javax/swing/Action.html#DEFAULT), [DISPLAYED\_MNEMONIC\_INDEX\_KEY](http://docs.google.com/javax/swing/Action.html#DISPLAYED_MNEMONIC_INDEX_KEY), [LARGE\_ICON\_KEY](http://docs.google.com/javax/swing/Action.html#LARGE_ICON_KEY), [LONG\_DESCRIPTION](http://docs.google.com/javax/swing/Action.html#LONG_DESCRIPTION), [MNEMONIC\_KEY](http://docs.google.com/javax/swing/Action.html#MNEMONIC_KEY), [NAME](http://docs.google.com/javax/swing/Action.html#NAME), [SELECTED\_KEY](http://docs.google.com/javax/swing/Action.html#SELECTED_KEY), [SHORT\_DESCRIPTION](http://docs.google.com/javax/swing/Action.html#SHORT_DESCRIPTION), [SMALL\_ICON](http://docs.google.com/javax/swing/Action.html#SMALL_ICON) |

| **Constructor Summary** | |
| --- | --- |
| [**DefaultEditorKit.DefaultKeyTypedAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.DefaultKeyTypedAction.html#DefaultEditorKit.DefaultKeyTypedAction())()            Creates this object with the appropriate identifier. |

| **Method Summary** | |
| --- | --- |
| void | [**actionPerformed**](http://docs.google.com/javax/swing/text/DefaultEditorKit.DefaultKeyTypedAction.html#actionPerformed(java.awt.event.ActionEvent))([ActionEvent](http://docs.google.com/java/awt/event/ActionEvent.html) e)            The operation to perform when this action is triggered. |

| **Methods inherited from class javax.swing.text.**[**TextAction**](http://docs.google.com/javax/swing/text/TextAction.html) |
| --- |
| [augmentList](http://docs.google.com/javax/swing/text/TextAction.html#augmentList(javax.swing.Action%5B%5D,%20javax.swing.Action%5B%5D)), [getFocusedComponent](http://docs.google.com/javax/swing/text/TextAction.html#getFocusedComponent()), [getTextComponent](http://docs.google.com/javax/swing/text/TextAction.html#getTextComponent(java.awt.event.ActionEvent)) |

| **Methods inherited from class javax.swing.**[**AbstractAction**](http://docs.google.com/javax/swing/AbstractAction.html) |
| --- |
| [addPropertyChangeListener](http://docs.google.com/javax/swing/AbstractAction.html#addPropertyChangeListener(java.beans.PropertyChangeListener)), [clone](http://docs.google.com/javax/swing/AbstractAction.html#clone()), [firePropertyChange](http://docs.google.com/javax/swing/AbstractAction.html#firePropertyChange(java.lang.String,%20java.lang.Object,%20java.lang.Object)), [getKeys](http://docs.google.com/javax/swing/AbstractAction.html#getKeys()), [getPropertyChangeListeners](http://docs.google.com/javax/swing/AbstractAction.html#getPropertyChangeListeners()), [getValue](http://docs.google.com/javax/swing/AbstractAction.html#getValue(java.lang.String)), [isEnabled](http://docs.google.com/javax/swing/AbstractAction.html#isEnabled()), [putValue](http://docs.google.com/javax/swing/AbstractAction.html#putValue(java.lang.String,%20java.lang.Object)), [removePropertyChangeListener](http://docs.google.com/javax/swing/AbstractAction.html#removePropertyChangeListener(java.beans.PropertyChangeListener)), [setEnabled](http://docs.google.com/javax/swing/AbstractAction.html#setEnabled(boolean)) |

| **Methods inherited from class java.lang.**[**Object**](http://docs.google.com/java/lang/Object.html) |
| --- |
| [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** |
| --- |

### DefaultEditorKit.DefaultKeyTypedAction

public **DefaultEditorKit.DefaultKeyTypedAction**()

Creates this object with the appropriate identifier.

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

### actionPerformed

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

The operation to perform when this action is triggered.

**Parameters:**e - the action event

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/DefaultEditorKit.DefaultKeyTypedAction.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*** |
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[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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