| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/TextAction.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/TabStop.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/text/Utilities.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/text/TextAction.html)    [**NO FRAMES**](http://docs.google.com/TextAction.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 TextAction

[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**

**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) **Direct Known Subclasses:** [DefaultEditorKit.BeepAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.BeepAction.html), [DefaultEditorKit.CopyAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.CopyAction.html), [DefaultEditorKit.CutAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.CutAction.html), [DefaultEditorKit.DefaultKeyTypedAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.DefaultKeyTypedAction.html), [DefaultEditorKit.InsertBreakAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.InsertBreakAction.html), [DefaultEditorKit.InsertContentAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.InsertContentAction.html), [DefaultEditorKit.InsertTabAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.InsertTabAction.html), [DefaultEditorKit.PasteAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.PasteAction.html), [StyledEditorKit.StyledTextAction](http://docs.google.com/javax/swing/text/StyledEditorKit.StyledTextAction.html)

public abstract class **TextAction**extends [AbstractAction](http://docs.google.com/javax/swing/AbstractAction.html)

An Action implementation useful for key bindings that are shared across a number of different text components. Because the action is shared, it must have a way of getting it's target to act upon. This class provides support to try and find a text component to operate on. The preferred way of getting the component to act upon is through the ActionEvent that is received. If the Object returned by getSource can be narrowed to a text component, it will be used. If the action event is null or can't be narrowed, the last focused text component is tried. This is determined by being used in conjunction with a JTextController which arranges to share that information with a TextAction.

**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).

| **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** | |
| --- | --- |
| [**TextAction**](http://docs.google.com/javax/swing/text/TextAction.html#TextAction(java.lang.String))([String](http://docs.google.com/java/lang/String.html) name)            Creates a new JTextAction object. |

| **Method Summary** | |
| --- | --- |
| static [Action](http://docs.google.com/javax/swing/Action.html)[] | [**augmentList**](http://docs.google.com/javax/swing/text/TextAction.html#augmentList(javax.swing.Action%5B%5D,%20javax.swing.Action%5B%5D))([Action](http://docs.google.com/javax/swing/Action.html)[] list1, [Action](http://docs.google.com/javax/swing/Action.html)[] list2)            Takes one list of commands and augments it with another list of commands. |
| protected  [JTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.html) | [**getFocusedComponent**](http://docs.google.com/javax/swing/text/TextAction.html#getFocusedComponent())()            Fetches the text component that currently has focus. |
| protected  [JTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.html) | [**getTextComponent**](http://docs.google.com/javax/swing/text/TextAction.html#getTextComponent(java.awt.event.ActionEvent))([ActionEvent](http://docs.google.com/java/awt/event/ActionEvent.html) e)            Determines the component to use for the action. |

| **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)) |

| **Methods inherited from interface java.awt.event.**[**ActionListener**](http://docs.google.com/java/awt/event/ActionListener.html) |
| --- |
| [actionPerformed](http://docs.google.com/java/awt/event/ActionListener.html#actionPerformed(java.awt.event.ActionEvent)) |

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

### TextAction

public **TextAction**([String](http://docs.google.com/java/lang/String.html) name)

Creates a new JTextAction object.

**Parameters:**name - the name of the action

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

### getTextComponent

protected final [JTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.html) **getTextComponent**([ActionEvent](http://docs.google.com/java/awt/event/ActionEvent.html) e)

Determines the component to use for the action. This if fetched from the source of the ActionEvent if it's not null and can be narrowed. Otherwise, the last focused component is used.

**Parameters:**e - the ActionEvent **Returns:**the component

### augmentList

public static final [Action](http://docs.google.com/javax/swing/Action.html)[] **augmentList**([Action](http://docs.google.com/javax/swing/Action.html)[] list1,  
 [Action](http://docs.google.com/javax/swing/Action.html)[] list2)

Takes one list of commands and augments it with another list of commands. The second list takes precedence over the first list; that is, when both lists contain a command with the same name, the command from the second list is used.

**Parameters:**list1 - the first list, may be empty but not nulllist2 - the second list, may be empty but not null **Returns:**the augmented list

### getFocusedComponent

protected final [JTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.html) **getFocusedComponent**()

Fetches the text component that currently has focus. This allows actions to be shared across text components which is useful for key-bindings where a large set of actions are defined, but generally used the same way across many different components.

**Returns:**the component

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/TextAction.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/TabStop.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/text/Utilities.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/text/TextAction.html)    [**NO FRAMES**](http://docs.google.com/TextAction.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
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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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