| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/StyledEditorKit.StyledTextAction.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/StyledEditorKit.ItalicAction.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/text/StyledEditorKit.UnderlineAction.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/text/StyledEditorKit.StyledTextAction.html)    [**NO FRAMES**](http://docs.google.com/StyledEditorKit.StyledTextAction.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#2et92p0) | [CONSTR](#3dy6vkm) | [METHOD](#1t3h5sf) | DETAIL: FIELD | [CONSTR](#26in1rg) | [METHOD](#35nkun2) |

## **javax.swing.text**

Class StyledEditorKit.StyledTextAction

[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.StyledEditorKit.StyledTextAction**

**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:** [HTMLEditorKit.HTMLTextAction](http://docs.google.com/javax/swing/text/html/HTMLEditorKit.HTMLTextAction.html), [StyledEditorKit.AlignmentAction](http://docs.google.com/javax/swing/text/StyledEditorKit.AlignmentAction.html), [StyledEditorKit.BoldAction](http://docs.google.com/javax/swing/text/StyledEditorKit.BoldAction.html), [StyledEditorKit.FontFamilyAction](http://docs.google.com/javax/swing/text/StyledEditorKit.FontFamilyAction.html), [StyledEditorKit.FontSizeAction](http://docs.google.com/javax/swing/text/StyledEditorKit.FontSizeAction.html), [StyledEditorKit.ForegroundAction](http://docs.google.com/javax/swing/text/StyledEditorKit.ForegroundAction.html), [StyledEditorKit.ItalicAction](http://docs.google.com/javax/swing/text/StyledEditorKit.ItalicAction.html), [StyledEditorKit.UnderlineAction](http://docs.google.com/javax/swing/text/StyledEditorKit.UnderlineAction.html) **Enclosing class:**[StyledEditorKit](http://docs.google.com/javax/swing/text/StyledEditorKit.html)

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

An action that assumes it's being fired on a JEditorPane with a StyledEditorKit (or subclass) installed. This has some convenience methods for causing character or paragraph level attribute changes. The convenience methods will throw an IllegalArgumentException if the assumption of a StyledDocument, a JEditorPane, or a StyledEditorKit fail to be true.

The component that gets acted upon by the action will be the source of the ActionEvent if the source can be narrowed to a JEditorPane type. If the source can't be narrowed, the most recently focused text component is changed. If neither of these are the case, the action cannot be performed.

**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** | |
| --- | --- |
| [**StyledEditorKit.StyledTextAction**](http://docs.google.com/javax/swing/text/StyledEditorKit.StyledTextAction.html#StyledEditorKit.StyledTextAction(java.lang.String))([String](http://docs.google.com/java/lang/String.html) nm)            Creates a new StyledTextAction from a string action name. |

| **Method Summary** | |
| --- | --- |
| protected  [JEditorPane](http://docs.google.com/javax/swing/JEditorPane.html) | [**getEditor**](http://docs.google.com/javax/swing/text/StyledEditorKit.StyledTextAction.html#getEditor(java.awt.event.ActionEvent))([ActionEvent](http://docs.google.com/java/awt/event/ActionEvent.html) e)            Gets the target editor for an action. |
| protected  [StyledDocument](http://docs.google.com/javax/swing/text/StyledDocument.html) | [**getStyledDocument**](http://docs.google.com/javax/swing/text/StyledEditorKit.StyledTextAction.html#getStyledDocument(javax.swing.JEditorPane))([JEditorPane](http://docs.google.com/javax/swing/JEditorPane.html) e)            Gets the document associated with an editor pane. |
| protected  [StyledEditorKit](http://docs.google.com/javax/swing/text/StyledEditorKit.html) | [**getStyledEditorKit**](http://docs.google.com/javax/swing/text/StyledEditorKit.StyledTextAction.html#getStyledEditorKit(javax.swing.JEditorPane))([JEditorPane](http://docs.google.com/javax/swing/JEditorPane.html) e)            Gets the editor kit associated with an editor pane. |
| protected  void | [**setCharacterAttributes**](http://docs.google.com/javax/swing/text/StyledEditorKit.StyledTextAction.html#setCharacterAttributes(javax.swing.JEditorPane,%20javax.swing.text.AttributeSet,%20boolean))([JEditorPane](http://docs.google.com/javax/swing/JEditorPane.html) editor, [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) attr, boolean replace)            Applies the given attributes to character content. |
| protected  void | [**setParagraphAttributes**](http://docs.google.com/javax/swing/text/StyledEditorKit.StyledTextAction.html#setParagraphAttributes(javax.swing.JEditorPane,%20javax.swing.text.AttributeSet,%20boolean))([JEditorPane](http://docs.google.com/javax/swing/JEditorPane.html) editor, [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) attr, boolean replace)            Applies the given attributes to paragraphs. |

| **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)) |

| **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** |
| --- |

### StyledEditorKit.StyledTextAction

public **StyledEditorKit.StyledTextAction**([String](http://docs.google.com/java/lang/String.html) nm)

Creates a new StyledTextAction from a string action name.

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

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

### getEditor

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

Gets the target editor for an action.

**Parameters:**e - the action event **Returns:**the editor

### getStyledDocument

protected final [StyledDocument](http://docs.google.com/javax/swing/text/StyledDocument.html) **getStyledDocument**([JEditorPane](http://docs.google.com/javax/swing/JEditorPane.html) e)

Gets the document associated with an editor pane.

**Parameters:**e - the editor **Returns:**the document **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - for the wrong document type

### getStyledEditorKit

protected final [StyledEditorKit](http://docs.google.com/javax/swing/text/StyledEditorKit.html) **getStyledEditorKit**([JEditorPane](http://docs.google.com/javax/swing/JEditorPane.html) e)

Gets the editor kit associated with an editor pane.

**Parameters:**e - the editor pane **Returns:**the kit **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - for the wrong document type

### setCharacterAttributes

protected final void **setCharacterAttributes**([JEditorPane](http://docs.google.com/javax/swing/JEditorPane.html) editor,  
 [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) attr,  
 boolean replace)

Applies the given attributes to character content. If there is a selection, the attributes are applied to the selection range. If there is no selection, the attributes are applied to the input attribute set which defines the attributes for any new text that gets inserted.

**Parameters:**editor - the editorattr - the attributesreplace - if true, then replace the existing attributes first

### setParagraphAttributes

protected final void **setParagraphAttributes**([JEditorPane](http://docs.google.com/javax/swing/JEditorPane.html) editor,  
 [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) attr,  
 boolean replace)

Applies the given attributes to paragraphs. If there is a selection, the attributes are applied to the paragraphs that intersect the selection. if there is no selection, the attributes are applied to the paragraph at the current caret position.

**Parameters:**editor - the editorattr - the attributesreplace - if true, replace the existing attributes first

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