| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/HTMLEditorKit.HTMLTextAction.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/html/HTMLEditorKit.HTMLFactory.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/text/html/HTMLEditorKit.InsertHTMLTextAction.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/text/html/HTMLEditorKit.HTMLTextAction.html)    [**NO FRAMES**](http://docs.google.com/HTMLEditorKit.HTMLTextAction.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#2et92p0) | [CONSTR](#3dy6vkm) | [METHOD](#1t3h5sf) | DETAIL: FIELD | [CONSTR](#lnxbz9) | [METHOD](#1ksv4uv) |

## **javax.swing.text.html**

Class HTMLEditorKit.HTMLTextAction

[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](http://docs.google.com/javax/swing/text/StyledEditorKit.StyledTextAction.html)  
 **javax.swing.text.html.HTMLEditorKit.HTMLTextAction**

**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.InsertHTMLTextAction](http://docs.google.com/javax/swing/text/html/HTMLEditorKit.InsertHTMLTextAction.html) **Enclosing class:**[HTMLEditorKit](http://docs.google.com/javax/swing/text/html/HTMLEditorKit.html)

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

An abstract Action providing some convenience methods that may be useful in inserting HTML into an existing document.

NOTE: None of the convenience methods obtain a lock on the document. If you have another thread modifying the text these methods may have inconsistent behavior, or return the wrong thing.

| **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** | |
| --- | --- |
| [**HTMLEditorKit.HTMLTextAction**](http://docs.google.com/javax/swing/text/html/HTMLEditorKit.HTMLTextAction.html#HTMLEditorKit.HTMLTextAction(java.lang.String))([String](http://docs.google.com/java/lang/String.html) name) |

| **Method Summary** | |
| --- | --- |
| protected  int | [**elementCountToTag**](http://docs.google.com/javax/swing/text/html/HTMLEditorKit.HTMLTextAction.html#elementCountToTag(javax.swing.text.html.HTMLDocument,%20int,%20javax.swing.text.html.HTML.Tag))([HTMLDocument](http://docs.google.com/javax/swing/text/html/HTMLDocument.html) doc, int offset, [HTML.Tag](http://docs.google.com/javax/swing/text/html/HTML.Tag.html) tag)            Returns number of elements, starting at the deepest leaf, needed to get to an element representing tag. |
| protected  [Element](http://docs.google.com/javax/swing/text/Element.html) | [**findElementMatchingTag**](http://docs.google.com/javax/swing/text/html/HTMLEditorKit.HTMLTextAction.html#findElementMatchingTag(javax.swing.text.html.HTMLDocument,%20int,%20javax.swing.text.html.HTML.Tag))([HTMLDocument](http://docs.google.com/javax/swing/text/html/HTMLDocument.html) doc, int offset, [HTML.Tag](http://docs.google.com/javax/swing/text/html/HTML.Tag.html) tag)            Returns the deepest element at offset matching tag. |
| protected  [Element](http://docs.google.com/javax/swing/text/Element.html)[] | [**getElementsAt**](http://docs.google.com/javax/swing/text/html/HTMLEditorKit.HTMLTextAction.html#getElementsAt(javax.swing.text.html.HTMLDocument,%20int))([HTMLDocument](http://docs.google.com/javax/swing/text/html/HTMLDocument.html) doc, int offset)            Returns an array of the Elements that contain offset. |
| protected  [HTMLDocument](http://docs.google.com/javax/swing/text/html/HTMLDocument.html) | [**getHTMLDocument**](http://docs.google.com/javax/swing/text/html/HTMLEditorKit.HTMLTextAction.html#getHTMLDocument(javax.swing.JEditorPane))([JEditorPane](http://docs.google.com/javax/swing/JEditorPane.html) e) |
| protected  [HTMLEditorKit](http://docs.google.com/javax/swing/text/html/HTMLEditorKit.html) | [**getHTMLEditorKit**](http://docs.google.com/javax/swing/text/html/HTMLEditorKit.HTMLTextAction.html#getHTMLEditorKit(javax.swing.JEditorPane))([JEditorPane](http://docs.google.com/javax/swing/JEditorPane.html) e) |

| **Methods inherited from class javax.swing.text.**[**StyledEditorKit.StyledTextAction**](http://docs.google.com/javax/swing/text/StyledEditorKit.StyledTextAction.html) |
| --- |
| [getEditor](http://docs.google.com/javax/swing/text/StyledEditorKit.StyledTextAction.html#getEditor(java.awt.event.ActionEvent)), [getStyledDocument](http://docs.google.com/javax/swing/text/StyledEditorKit.StyledTextAction.html#getStyledDocument(javax.swing.JEditorPane)), [getStyledEditorKit](http://docs.google.com/javax/swing/text/StyledEditorKit.StyledTextAction.html#getStyledEditorKit(javax.swing.JEditorPane)), [setCharacterAttributes](http://docs.google.com/javax/swing/text/StyledEditorKit.StyledTextAction.html#setCharacterAttributes(javax.swing.JEditorPane,%20javax.swing.text.AttributeSet,%20boolean)), [setParagraphAttributes](http://docs.google.com/javax/swing/text/StyledEditorKit.StyledTextAction.html#setParagraphAttributes(javax.swing.JEditorPane,%20javax.swing.text.AttributeSet,%20boolean)) |

| **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** |
| --- |

### HTMLEditorKit.HTMLTextAction

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

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

### getHTMLDocument

protected [HTMLDocument](http://docs.google.com/javax/swing/text/html/HTMLDocument.html) **getHTMLDocument**([JEditorPane](http://docs.google.com/javax/swing/JEditorPane.html) e)

**Returns:**HTMLDocument of e.

### getHTMLEditorKit

protected [HTMLEditorKit](http://docs.google.com/javax/swing/text/html/HTMLEditorKit.html) **getHTMLEditorKit**([JEditorPane](http://docs.google.com/javax/swing/JEditorPane.html) e)

**Returns:**HTMLEditorKit for e.

### getElementsAt

protected [Element](http://docs.google.com/javax/swing/text/Element.html)[] **getElementsAt**([HTMLDocument](http://docs.google.com/javax/swing/text/html/HTMLDocument.html) doc,  
 int offset)

Returns an array of the Elements that contain offset. The first elements corresponds to the root.

### elementCountToTag

protected int **elementCountToTag**([HTMLDocument](http://docs.google.com/javax/swing/text/html/HTMLDocument.html) doc,  
 int offset,  
 [HTML.Tag](http://docs.google.com/javax/swing/text/html/HTML.Tag.html) tag)

Returns number of elements, starting at the deepest leaf, needed to get to an element representing tag. This will return -1 if no elements is found representing tag, or 0 if the parent of the leaf at offset represents tag.

### findElementMatchingTag

protected [Element](http://docs.google.com/javax/swing/text/Element.html) **findElementMatchingTag**([HTMLDocument](http://docs.google.com/javax/swing/text/html/HTMLDocument.html) doc,  
 int offset,  
 [HTML.Tag](http://docs.google.com/javax/swing/text/html/HTML.Tag.html) tag)

Returns the deepest element at offset matching tag.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/HTMLEditorKit.HTMLTextAction.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/html/HTMLEditorKit.HTMLFactory.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/text/html/HTMLEditorKit.InsertHTMLTextAction.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/text/html/HTMLEditorKit.HTMLTextAction.html)    [**NO FRAMES**](http://docs.google.com/HTMLEditorKit.HTMLTextAction.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#2et92p0) | [CONSTR](#3dy6vkm) | [METHOD](#1t3h5sf) | DETAIL: FIELD | [CONSTR](#lnxbz9) | [METHOD](#1ksv4uv) |

[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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