| | [**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.InsertHTMLTextAction.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.HTMLTextAction.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/text/html/HTMLEditorKit.LinkController.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/text/html/HTMLEditorKit.InsertHTMLTextAction.html)    [**NO FRAMES**](http://docs.google.com/HTMLEditorKit.InsertHTMLTextAction.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#3dy6vkm) | [METHOD](#1t3h5sf) | DETAIL: [FIELD](#lnxbz9) | [CONSTR](#3j2qqm3) | [METHOD](#2xcytpi) |

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

Class HTMLEditorKit.InsertHTMLTextAction

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

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

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

InsertHTMLTextAction can be used to insert an arbitrary string of HTML into an existing HTML document. At least two HTML.Tags need to be supplied. The first Tag, parentTag, identifies the parent in the document to add the elements to. The second tag, addTag, identifies the first tag that should be added to the document as seen in the HTML string. One important thing to remember, is that the parser is going to generate all the appropriate tags, even if they aren't in the HTML string passed in.

For example, lets say you wanted to create an action to insert a table into the body. The parentTag would be HTML.Tag.BODY, addTag would be HTML.Tag.TABLE, and the string could be something like <table><tr><td></td></tr></table>.

There is also an option to supply an alternate parentTag and addTag. These will be checked for if there is no parentTag at offset.

| **Field Summary** | |
| --- | --- |
| protected  [HTML.Tag](http://docs.google.com/javax/swing/text/html/HTML.Tag.html) | [**addTag**](http://docs.google.com/javax/swing/text/html/HTMLEditorKit.InsertHTMLTextAction.html#addTag)            Tag in HTML to start adding tags from. |
| protected  [HTML.Tag](http://docs.google.com/javax/swing/text/html/HTML.Tag.html) | [**alternateAddTag**](http://docs.google.com/javax/swing/text/html/HTMLEditorKit.InsertHTMLTextAction.html#alternateAddTag)            Alternate tag in HTML to start adding tags from if parentTag is not found and alternateParentTag is found. |
| protected  [HTML.Tag](http://docs.google.com/javax/swing/text/html/HTML.Tag.html) | [**alternateParentTag**](http://docs.google.com/javax/swing/text/html/HTMLEditorKit.InsertHTMLTextAction.html#alternateParentTag)            Alternate Tag to check for in the document if parentTag is not found. |
| protected  [String](http://docs.google.com/java/lang/String.html) | [**html**](http://docs.google.com/javax/swing/text/html/HTMLEditorKit.InsertHTMLTextAction.html#html)            HTML to insert. |
| protected  [HTML.Tag](http://docs.google.com/javax/swing/text/html/HTML.Tag.html) | [**parentTag**](http://docs.google.com/javax/swing/text/html/HTMLEditorKit.InsertHTMLTextAction.html#parentTag)            Tag to check for in the document. |

| **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.InsertHTMLTextAction**](http://docs.google.com/javax/swing/text/html/HTMLEditorKit.InsertHTMLTextAction.html#HTMLEditorKit.InsertHTMLTextAction(java.lang.String,%20java.lang.String,%20javax.swing.text.html.HTML.Tag,%20javax.swing.text.html.HTML.Tag))([String](http://docs.google.com/java/lang/String.html) name, [String](http://docs.google.com/java/lang/String.html) html, [HTML.Tag](http://docs.google.com/javax/swing/text/html/HTML.Tag.html) parentTag, [HTML.Tag](http://docs.google.com/javax/swing/text/html/HTML.Tag.html) addTag) |
| [**HTMLEditorKit.InsertHTMLTextAction**](http://docs.google.com/javax/swing/text/html/HTMLEditorKit.InsertHTMLTextAction.html#HTMLEditorKit.InsertHTMLTextAction(java.lang.String,%20java.lang.String,%20javax.swing.text.html.HTML.Tag,%20javax.swing.text.html.HTML.Tag,%20javax.swing.text.html.HTML.Tag,%20javax.swing.text.html.HTML.Tag))([String](http://docs.google.com/java/lang/String.html) name, [String](http://docs.google.com/java/lang/String.html) html, [HTML.Tag](http://docs.google.com/javax/swing/text/html/HTML.Tag.html) parentTag, [HTML.Tag](http://docs.google.com/javax/swing/text/html/HTML.Tag.html) addTag, [HTML.Tag](http://docs.google.com/javax/swing/text/html/HTML.Tag.html) alternateParentTag, [HTML.Tag](http://docs.google.com/javax/swing/text/html/HTML.Tag.html) alternateAddTag) |

| **Method Summary** | |
| --- | --- |
| void | [**actionPerformed**](http://docs.google.com/javax/swing/text/html/HTMLEditorKit.InsertHTMLTextAction.html#actionPerformed(java.awt.event.ActionEvent))([ActionEvent](http://docs.google.com/java/awt/event/ActionEvent.html) ae)            Inserts the HTML into the document. |
| protected  void | [**insertAtBoundary**](http://docs.google.com/javax/swing/text/html/HTMLEditorKit.InsertHTMLTextAction.html#insertAtBoundary(javax.swing.JEditorPane,%20javax.swing.text.html.HTMLDocument,%20int,%20javax.swing.text.Element,%20java.lang.String,%20javax.swing.text.html.HTML.Tag,%20javax.swing.text.html.HTML.Tag))([JEditorPane](http://docs.google.com/javax/swing/JEditorPane.html) editor, [HTMLDocument](http://docs.google.com/javax/swing/text/html/HTMLDocument.html) doc, int offset, [Element](http://docs.google.com/javax/swing/text/Element.html) insertElement, [String](http://docs.google.com/java/lang/String.html) html, [HTML.Tag](http://docs.google.com/javax/swing/text/html/HTML.Tag.html) parentTag, [HTML.Tag](http://docs.google.com/javax/swing/text/html/HTML.Tag.html) addTag)            This is invoked when inserting at a boundary. |
| protected  void | [**insertAtBoundry**](http://docs.google.com/javax/swing/text/html/HTMLEditorKit.InsertHTMLTextAction.html#insertAtBoundry(javax.swing.JEditorPane,%20javax.swing.text.html.HTMLDocument,%20int,%20javax.swing.text.Element,%20java.lang.String,%20javax.swing.text.html.HTML.Tag,%20javax.swing.text.html.HTML.Tag))([JEditorPane](http://docs.google.com/javax/swing/JEditorPane.html) editor, [HTMLDocument](http://docs.google.com/javax/swing/text/html/HTMLDocument.html) doc, int offset, [Element](http://docs.google.com/javax/swing/text/Element.html) insertElement, [String](http://docs.google.com/java/lang/String.html) html, [HTML.Tag](http://docs.google.com/javax/swing/text/html/HTML.Tag.html) parentTag, [HTML.Tag](http://docs.google.com/javax/swing/text/html/HTML.Tag.html) addTag)  **Deprecated.** *As of Java 2 platform v1.3, use insertAtBoundary* |
| protected  void | [**insertHTML**](http://docs.google.com/javax/swing/text/html/HTMLEditorKit.InsertHTMLTextAction.html#insertHTML(javax.swing.JEditorPane,%20javax.swing.text.html.HTMLDocument,%20int,%20java.lang.String,%20int,%20int,%20javax.swing.text.html.HTML.Tag))([JEditorPane](http://docs.google.com/javax/swing/JEditorPane.html) editor, [HTMLDocument](http://docs.google.com/javax/swing/text/html/HTMLDocument.html) doc, int offset, [String](http://docs.google.com/java/lang/String.html) html, int popDepth, int pushDepth, [HTML.Tag](http://docs.google.com/javax/swing/text/html/HTML.Tag.html) addTag)            A cover for HTMLEditorKit.insertHTML. |

| **Methods inherited from class javax.swing.text.html.**[**HTMLEditorKit.HTMLTextAction**](http://docs.google.com/javax/swing/text/html/HTMLEditorKit.HTMLTextAction.html) |
| --- |
| [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)), [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)), [getElementsAt](http://docs.google.com/javax/swing/text/html/HTMLEditorKit.HTMLTextAction.html#getElementsAt(javax.swing.text.html.HTMLDocument,%20int)), [getHTMLDocument](http://docs.google.com/javax/swing/text/html/HTMLEditorKit.HTMLTextAction.html#getHTMLDocument(javax.swing.JEditorPane)), [getHTMLEditorKit](http://docs.google.com/javax/swing/text/html/HTMLEditorKit.HTMLTextAction.html#getHTMLEditorKit(javax.swing.JEditorPane)) |

| **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)) |

| **Field Detail** |
| --- |

### html

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

HTML to insert.

### parentTag

protected [HTML.Tag](http://docs.google.com/javax/swing/text/html/HTML.Tag.html) **parentTag**

Tag to check for in the document.

### addTag

protected [HTML.Tag](http://docs.google.com/javax/swing/text/html/HTML.Tag.html) **addTag**

Tag in HTML to start adding tags from.

### alternateParentTag

protected [HTML.Tag](http://docs.google.com/javax/swing/text/html/HTML.Tag.html) **alternateParentTag**

Alternate Tag to check for in the document if parentTag is not found.

### alternateAddTag

protected [HTML.Tag](http://docs.google.com/javax/swing/text/html/HTML.Tag.html) **alternateAddTag**

Alternate tag in HTML to start adding tags from if parentTag is not found and alternateParentTag is found.

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

### HTMLEditorKit.InsertHTMLTextAction

public **HTMLEditorKit.InsertHTMLTextAction**([String](http://docs.google.com/java/lang/String.html) name,  
 [String](http://docs.google.com/java/lang/String.html) html,  
 [HTML.Tag](http://docs.google.com/javax/swing/text/html/HTML.Tag.html) parentTag,  
 [HTML.Tag](http://docs.google.com/javax/swing/text/html/HTML.Tag.html) addTag)

### HTMLEditorKit.InsertHTMLTextAction

public **HTMLEditorKit.InsertHTMLTextAction**([String](http://docs.google.com/java/lang/String.html) name,  
 [String](http://docs.google.com/java/lang/String.html) html,  
 [HTML.Tag](http://docs.google.com/javax/swing/text/html/HTML.Tag.html) parentTag,  
 [HTML.Tag](http://docs.google.com/javax/swing/text/html/HTML.Tag.html) addTag,  
 [HTML.Tag](http://docs.google.com/javax/swing/text/html/HTML.Tag.html) alternateParentTag,  
 [HTML.Tag](http://docs.google.com/javax/swing/text/html/HTML.Tag.html) alternateAddTag)

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

### insertHTML

protected void **insertHTML**([JEditorPane](http://docs.google.com/javax/swing/JEditorPane.html) editor,  
 [HTMLDocument](http://docs.google.com/javax/swing/text/html/HTMLDocument.html) doc,  
 int offset,  
 [String](http://docs.google.com/java/lang/String.html) html,  
 int popDepth,  
 int pushDepth,  
 [HTML.Tag](http://docs.google.com/javax/swing/text/html/HTML.Tag.html) addTag)

A cover for HTMLEditorKit.insertHTML. If an exception it thrown it is wrapped in a RuntimeException and thrown.

### insertAtBoundary

protected void **insertAtBoundary**([JEditorPane](http://docs.google.com/javax/swing/JEditorPane.html) editor,  
 [HTMLDocument](http://docs.google.com/javax/swing/text/html/HTMLDocument.html) doc,  
 int offset,  
 [Element](http://docs.google.com/javax/swing/text/Element.html) insertElement,  
 [String](http://docs.google.com/java/lang/String.html) html,  
 [HTML.Tag](http://docs.google.com/javax/swing/text/html/HTML.Tag.html) parentTag,  
 [HTML.Tag](http://docs.google.com/javax/swing/text/html/HTML.Tag.html) addTag)

This is invoked when inserting at a boundary. It determines the number of pops, and then the number of pushes that need to be performed, and then invokes insertHTML.

**Since:** 1.3

### insertAtBoundry

[@Deprecated](http://docs.google.com/java/lang/Deprecated.html)  
protected void **insertAtBoundry**([JEditorPane](http://docs.google.com/javax/swing/JEditorPane.html) editor,  
 [HTMLDocument](http://docs.google.com/javax/swing/text/html/HTMLDocument.html) doc,  
 int offset,  
 [Element](http://docs.google.com/javax/swing/text/Element.html) insertElement,  
 [String](http://docs.google.com/java/lang/String.html) html,  
 [HTML.Tag](http://docs.google.com/javax/swing/text/html/HTML.Tag.html) parentTag,  
 [HTML.Tag](http://docs.google.com/javax/swing/text/html/HTML.Tag.html) addTag)

**Deprecated.** *As of Java 2 platform v1.3, use insertAtBoundary*

This is invoked when inserting at a boundary. It determines the number of pops, and then the number of pushes that need to be performed, and then invokes insertHTML.

### actionPerformed

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

Inserts the HTML into the document.

**Parameters:**ae - the 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/HTMLEditorKit.InsertHTMLTextAction.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.HTMLTextAction.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/text/html/HTMLEditorKit.LinkController.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/text/html/HTMLEditorKit.InsertHTMLTextAction.html)    [**NO FRAMES**](http://docs.google.com/HTMLEditorKit.InsertHTMLTextAction.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#3dy6vkm) | [METHOD](#1t3h5sf) | DETAIL: [FIELD](#lnxbz9) | [CONSTR](#3j2qqm3) | [METHOD](#2xcytpi) |

[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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