| | [**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.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/DefaultCaret.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/text/DefaultEditorKit.BeepAction.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/text/DefaultEditorKit.html)    [**NO FRAMES**](http://docs.google.com/DefaultEditorKit.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: [NESTED](#3znysh7) | [FIELD](#2et92p0) | [CONSTR](#tyjcwt) | [METHOD](#3dy6vkm) | DETAIL: [FIELD](#2s8eyo1) | [CONSTR](#2dlolyb) | [METHOD](#3cqmetx) |

## **javax.swing.text**

Class DefaultEditorKit

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

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html), [Cloneable](http://docs.google.com/java/lang/Cloneable.html) **Direct Known Subclasses:** [StyledEditorKit](http://docs.google.com/javax/swing/text/StyledEditorKit.html)

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

This is the set of things needed by a text component to be a reasonably functioning editor for some *type* of text document. This implementation provides a default implementation which treats text as plain text and provides a minimal set of actions for a simple editor.

**Newlines** There are two properties which deal with newlines. The system property, line.separator, is defined to be platform-dependent, either "\n", "\r", or "\r\n". There is also a property defined in DefaultEditorKit, called [EndOfLineStringProperty](#17dp8vu), which is defined automatically when a document is loaded, to be the first occurrence of any of the newline characters. When a document is loaded, EndOfLineStringProperty is set appropriately, and when the document is written back out, the EndOfLineStringProperty is used. But while the document is in memory, the "\n" character is used to define a newline, regardless of how the newline is defined when the document is on disk. Therefore, for searching purposes, "\n" should always be used. When a new document is created, and the EndOfLineStringProperty has not been defined, it will use the System property when writing out the document.

Note that EndOfLineStringProperty is set on the Document using the get/setProperty methods. Subclasses may override this behavior.

| **Nested Class Summary** | |
| --- | --- |
| static class | [**DefaultEditorKit.BeepAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.BeepAction.html)            Creates a beep. |
| static class | [**DefaultEditorKit.CopyAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.CopyAction.html)            Copies the selected region and place its contents into the system clipboard. |
| static class | [**DefaultEditorKit.CutAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.CutAction.html)            Cuts the selected region and place its contents into the system clipboard. |
| static class | [**DefaultEditorKit.DefaultKeyTypedAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.DefaultKeyTypedAction.html)            The action that is executed by default if a *key typed event* is received and there is no keymap entry. |
| static class | [**DefaultEditorKit.InsertBreakAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.InsertBreakAction.html)            Places a line/paragraph break into the document. |
| static class | [**DefaultEditorKit.InsertContentAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.InsertContentAction.html)            Places content into the associated document. |
| static class | [**DefaultEditorKit.InsertTabAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.InsertTabAction.html)            Places a tab character into the document. |
| static class | [**DefaultEditorKit.PasteAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.PasteAction.html)            Pastes the contents of the system clipboard into the selected region, or before the caret if nothing is selected. |

| **Field Summary** | |
| --- | --- |
| static [String](http://docs.google.com/java/lang/String.html) | [**backwardAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#backwardAction)            Name of the Action for moving the caret logically backward one position. |
| static [String](http://docs.google.com/java/lang/String.html) | [**beepAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#beepAction)            Name of the action to create a beep. |
| static [String](http://docs.google.com/java/lang/String.html) | [**beginAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#beginAction)            Name of the Action for moving the caret to the beginning of the document. |
| static [String](http://docs.google.com/java/lang/String.html) | [**beginLineAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#beginLineAction)            Name of the Action for moving the caret to the beginning of a line. |
| static [String](http://docs.google.com/java/lang/String.html) | [**beginParagraphAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#beginParagraphAction)            Name of the Action for moving the caret to the beginning of a paragraph. |
| static [String](http://docs.google.com/java/lang/String.html) | [**beginWordAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#beginWordAction)            Name of the Action for moving the caret to the beginning of a word. |
| static [String](http://docs.google.com/java/lang/String.html) | [**copyAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#copyAction)            Name of the action to copy the selected region and place the contents into the system clipboard. |
| static [String](http://docs.google.com/java/lang/String.html) | [**cutAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#cutAction)            Name of the action to cut the selected region and place the contents into the system clipboard. |
| static [String](http://docs.google.com/java/lang/String.html) | [**defaultKeyTypedAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#defaultKeyTypedAction)            Name of the action that is executed by default if a *key typed event* is received and there is no keymap entry. |
| static [String](http://docs.google.com/java/lang/String.html) | [**deleteNextCharAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#deleteNextCharAction)            Name of the action to delete the character of content that follows the current caret position. |
| static [String](http://docs.google.com/java/lang/String.html) | [**deleteNextWordAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#deleteNextWordAction)            Name of the action to delete the word that follows the beginning of the selection. |
| static [String](http://docs.google.com/java/lang/String.html) | [**deletePrevCharAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#deletePrevCharAction)            Name of the action to delete the character of content that precedes the current caret position. |
| static [String](http://docs.google.com/java/lang/String.html) | [**deletePrevWordAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#deletePrevWordAction)            Name of the action to delete the word that precedes the beginning of the selection. |
| static [String](http://docs.google.com/java/lang/String.html) | [**downAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#downAction)            Name of the Action for moving the caret logically downward one position. |
| static [String](http://docs.google.com/java/lang/String.html) | [**endAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#endAction)            Name of the Action for moving the caret to the end of the document. |
| static [String](http://docs.google.com/java/lang/String.html) | [**endLineAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#endLineAction)            Name of the Action for moving the caret to the end of a line. |
| static [String](http://docs.google.com/java/lang/String.html) | [**EndOfLineStringProperty**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#EndOfLineStringProperty)            When reading a document if a CRLF is encountered a property with this name is added and the value will be "\r\n". |
| static [String](http://docs.google.com/java/lang/String.html) | [**endParagraphAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#endParagraphAction)            Name of the Action for moving the caret to the end of a paragraph. |
| static [String](http://docs.google.com/java/lang/String.html) | [**endWordAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#endWordAction)            Name of the Action for moving the caret to the end of a word. |
| static [String](http://docs.google.com/java/lang/String.html) | [**forwardAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#forwardAction)            Name of the Action for moving the caret logically forward one position. |
| static [String](http://docs.google.com/java/lang/String.html) | [**insertBreakAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#insertBreakAction)            Name of the action to place a line/paragraph break into the document. |
| static [String](http://docs.google.com/java/lang/String.html) | [**insertContentAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#insertContentAction)            Name of the action to place content into the associated document. |
| static [String](http://docs.google.com/java/lang/String.html) | [**insertTabAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#insertTabAction)            Name of the action to place a tab character into the document. |
| static [String](http://docs.google.com/java/lang/String.html) | [**nextWordAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#nextWordAction)            Name of the Action for moving the caret to the beginning of the next word. |
| static [String](http://docs.google.com/java/lang/String.html) | [**pageDownAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#pageDownAction)            Name of the action to page down vertically. |
| static [String](http://docs.google.com/java/lang/String.html) | [**pageUpAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#pageUpAction)            Name of the action to page up vertically. |
| static [String](http://docs.google.com/java/lang/String.html) | [**pasteAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#pasteAction)            Name of the action to paste the contents of the system clipboard into the selected region, or before the caret if nothing is selected. |
| static [String](http://docs.google.com/java/lang/String.html) | [**previousWordAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#previousWordAction)            Name of the Action for moving the caret to the beginning of the previous word. |
| static [String](http://docs.google.com/java/lang/String.html) | [**readOnlyAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#readOnlyAction)            Name of the action to set the editor into read-only mode. |
| static [String](http://docs.google.com/java/lang/String.html) | [**selectAllAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#selectAllAction)            Name of the Action for selecting the entire document |
| static [String](http://docs.google.com/java/lang/String.html) | [**selectionBackwardAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#selectionBackwardAction)            Name of the Action for extending the selection by moving the caret logically backward one position. |
| static [String](http://docs.google.com/java/lang/String.html) | [**selectionBeginAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#selectionBeginAction)            Name of the Action for moving the caret to the beginning of the document. |
| static [String](http://docs.google.com/java/lang/String.html) | [**selectionBeginLineAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#selectionBeginLineAction)            Name of the Action for moving the caret to the beginning of a line, extending the selection. |
| static [String](http://docs.google.com/java/lang/String.html) | [**selectionBeginParagraphAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#selectionBeginParagraphAction)            Name of the Action for moving the caret to the beginning of a paragraph, extending the selection. |
| static [String](http://docs.google.com/java/lang/String.html) | [**selectionBeginWordAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#selectionBeginWordAction)            Name of the Action for moving the caret to the beginning of a word, extending the selection. |
| static [String](http://docs.google.com/java/lang/String.html) | [**selectionDownAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#selectionDownAction)            Name of the Action for moving the caret logically downward one position, extending the selection. |
| static [String](http://docs.google.com/java/lang/String.html) | [**selectionEndAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#selectionEndAction)            Name of the Action for moving the caret to the end of the document. |
| static [String](http://docs.google.com/java/lang/String.html) | [**selectionEndLineAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#selectionEndLineAction)            Name of the Action for moving the caret to the end of a line, extending the selection. |
| static [String](http://docs.google.com/java/lang/String.html) | [**selectionEndParagraphAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#selectionEndParagraphAction)            Name of the Action for moving the caret to the end of a paragraph, extending the selection. |
| static [String](http://docs.google.com/java/lang/String.html) | [**selectionEndWordAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#selectionEndWordAction)            Name of the Action for moving the caret to the end of a word, extending the selection. |
| static [String](http://docs.google.com/java/lang/String.html) | [**selectionForwardAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#selectionForwardAction)            Name of the Action for extending the selection by moving the caret logically forward one position. |
| static [String](http://docs.google.com/java/lang/String.html) | [**selectionNextWordAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#selectionNextWordAction)            Name of the Action for moving the selection to the beginning of the next word, extending the selection. |
| static [String](http://docs.google.com/java/lang/String.html) | [**selectionPreviousWordAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#selectionPreviousWordAction)            Name of the Action for moving the selection to the beginning of the previous word, extending the selection. |
| static [String](http://docs.google.com/java/lang/String.html) | [**selectionUpAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#selectionUpAction)            Name of the Action for moving the caret logically upward one position, extending the selection. |
| static [String](http://docs.google.com/java/lang/String.html) | [**selectLineAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#selectLineAction)            Name of the Action for selecting a line around the caret. |
| static [String](http://docs.google.com/java/lang/String.html) | [**selectParagraphAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#selectParagraphAction)            Name of the Action for selecting a paragraph around the caret. |
| static [String](http://docs.google.com/java/lang/String.html) | [**selectWordAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#selectWordAction)            Name of the Action for selecting a word around the caret. |
| static [String](http://docs.google.com/java/lang/String.html) | [**upAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#upAction)            Name of the Action for moving the caret logically upward one position. |
| static [String](http://docs.google.com/java/lang/String.html) | [**writableAction**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#writableAction)            Name of the action to set the editor into writeable mode. |

| **Constructor Summary** | |
| --- | --- |
| [**DefaultEditorKit**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#DefaultEditorKit())()            default constructor for DefaultEditorKit |

| **Method Summary** | |
| --- | --- |
| [Caret](http://docs.google.com/javax/swing/text/Caret.html) | [**createCaret**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#createCaret())()            Fetches a caret that can navigate through views produced by the associated ViewFactory. |
| [Document](http://docs.google.com/javax/swing/text/Document.html) | [**createDefaultDocument**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#createDefaultDocument())()            Creates an uninitialized text storage model (PlainDocument) that is appropriate for this type of editor. |
| [Action](http://docs.google.com/javax/swing/Action.html)[] | [**getActions**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions())()            Fetches the set of commands that can be used on a text component that is using a model and view produced by this kit. |
| [String](http://docs.google.com/java/lang/String.html) | [**getContentType**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getContentType())()            Gets the MIME type of the data that this kit represents support for. |
| [ViewFactory](http://docs.google.com/javax/swing/text/ViewFactory.html) | [**getViewFactory**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getViewFactory())()            Fetches a factory that is suitable for producing views of any models that are produced by this kit. |
| void | [**read**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#read(java.io.InputStream,%20javax.swing.text.Document,%20int))([InputStream](http://docs.google.com/java/io/InputStream.html) in, [Document](http://docs.google.com/javax/swing/text/Document.html) doc, int pos)            Inserts content from the given stream which is expected to be in a format appropriate for this kind of content handler. |
| void | [**read**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#read(java.io.Reader,%20javax.swing.text.Document,%20int))([Reader](http://docs.google.com/java/io/Reader.html) in, [Document](http://docs.google.com/javax/swing/text/Document.html) doc, int pos)            Inserts content from the given stream, which will be treated as plain text. |
| void | [**write**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#write(java.io.OutputStream,%20javax.swing.text.Document,%20int,%20int))([OutputStream](http://docs.google.com/java/io/OutputStream.html) out, [Document](http://docs.google.com/javax/swing/text/Document.html) doc, int pos, int len)            Writes content from a document to the given stream in a format appropriate for this kind of content handler. |
| void | [**write**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#write(java.io.Writer,%20javax.swing.text.Document,%20int,%20int))([Writer](http://docs.google.com/java/io/Writer.html) out, [Document](http://docs.google.com/javax/swing/text/Document.html) doc, int pos, int len)            Writes content from a document to the given stream as plain text. |

| **Methods inherited from class javax.swing.text.**[**EditorKit**](http://docs.google.com/javax/swing/text/EditorKit.html) |
| --- |
| [clone](http://docs.google.com/javax/swing/text/EditorKit.html#clone()), [deinstall](http://docs.google.com/javax/swing/text/EditorKit.html#deinstall(javax.swing.JEditorPane)), [install](http://docs.google.com/javax/swing/text/EditorKit.html#install(javax.swing.JEditorPane)) |

| **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** |
| --- |

### EndOfLineStringProperty

public static final [String](http://docs.google.com/java/lang/String.html) **EndOfLineStringProperty**

When reading a document if a CRLF is encountered a property with this name is added and the value will be "\r\n".

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.text.DefaultEditorKit.EndOfLineStringProperty)

### insertContentAction

public static final [String](http://docs.google.com/java/lang/String.html) **insertContentAction**

Name of the action to place content into the associated document. If there is a selection, it is removed before the new content is added.

**See Also:**[getActions()](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions()), [Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.text.DefaultEditorKit.insertContentAction)

### insertBreakAction

public static final [String](http://docs.google.com/java/lang/String.html) **insertBreakAction**

Name of the action to place a line/paragraph break into the document. If there is a selection, it is removed before the break is added.

**See Also:**[getActions()](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions()), [Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.text.DefaultEditorKit.insertBreakAction)

### insertTabAction

public static final [String](http://docs.google.com/java/lang/String.html) **insertTabAction**

Name of the action to place a tab character into the document. If there is a selection, it is removed before the tab is added.

**See Also:**[getActions()](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions()), [Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.text.DefaultEditorKit.insertTabAction)

### deletePrevCharAction

public static final [String](http://docs.google.com/java/lang/String.html) **deletePrevCharAction**

Name of the action to delete the character of content that precedes the current caret position.

**See Also:**[getActions()](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions()), [Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.text.DefaultEditorKit.deletePrevCharAction)

### deleteNextCharAction

public static final [String](http://docs.google.com/java/lang/String.html) **deleteNextCharAction**

Name of the action to delete the character of content that follows the current caret position.

**See Also:**[getActions()](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions()), [Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.text.DefaultEditorKit.deleteNextCharAction)

### deleteNextWordAction

public static final [String](http://docs.google.com/java/lang/String.html) **deleteNextWordAction**

Name of the action to delete the word that follows the beginning of the selection.

**Since:** 1.6 **See Also:**[getActions()](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions()), [JTextComponent.getSelectionStart()](http://docs.google.com/javax/swing/text/JTextComponent.html#getSelectionStart()), [Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.text.DefaultEditorKit.deleteNextWordAction)

### deletePrevWordAction

public static final [String](http://docs.google.com/java/lang/String.html) **deletePrevWordAction**

Name of the action to delete the word that precedes the beginning of the selection.

**Since:** 1.6 **See Also:**[getActions()](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions()), [JTextComponent.getSelectionStart()](http://docs.google.com/javax/swing/text/JTextComponent.html#getSelectionStart()), [Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.text.DefaultEditorKit.deletePrevWordAction)

### readOnlyAction

public static final [String](http://docs.google.com/java/lang/String.html) **readOnlyAction**

Name of the action to set the editor into read-only mode.

**See Also:**[getActions()](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions()), [Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.text.DefaultEditorKit.readOnlyAction)

### writableAction

public static final [String](http://docs.google.com/java/lang/String.html) **writableAction**

Name of the action to set the editor into writeable mode.

**See Also:**[getActions()](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions()), [Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.text.DefaultEditorKit.writableAction)

### cutAction

public static final [String](http://docs.google.com/java/lang/String.html) **cutAction**

Name of the action to cut the selected region and place the contents into the system clipboard.

**See Also:**[JTextComponent.cut()](http://docs.google.com/javax/swing/text/JTextComponent.html#cut()), [getActions()](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions()), [Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.text.DefaultEditorKit.cutAction)

### copyAction

public static final [String](http://docs.google.com/java/lang/String.html) **copyAction**

Name of the action to copy the selected region and place the contents into the system clipboard.

**See Also:**[JTextComponent.copy()](http://docs.google.com/javax/swing/text/JTextComponent.html#copy()), [getActions()](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions()), [Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.text.DefaultEditorKit.copyAction)

### pasteAction

public static final [String](http://docs.google.com/java/lang/String.html) **pasteAction**

Name of the action to paste the contents of the system clipboard into the selected region, or before the caret if nothing is selected.

**See Also:**[JTextComponent.paste()](http://docs.google.com/javax/swing/text/JTextComponent.html#paste()), [getActions()](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions()), [Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.text.DefaultEditorKit.pasteAction)

### beepAction

public static final [String](http://docs.google.com/java/lang/String.html) **beepAction**

Name of the action to create a beep.

**See Also:**[getActions()](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions()), [Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.text.DefaultEditorKit.beepAction)

### pageUpAction

public static final [String](http://docs.google.com/java/lang/String.html) **pageUpAction**

Name of the action to page up vertically.

**See Also:**[getActions()](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions()), [Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.text.DefaultEditorKit.pageUpAction)

### pageDownAction

public static final [String](http://docs.google.com/java/lang/String.html) **pageDownAction**

Name of the action to page down vertically.

**See Also:**[getActions()](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions()), [Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.text.DefaultEditorKit.pageDownAction)

### forwardAction

public static final [String](http://docs.google.com/java/lang/String.html) **forwardAction**

Name of the Action for moving the caret logically forward one position.

**See Also:**[getActions()](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions()), [Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.text.DefaultEditorKit.forwardAction)

### backwardAction

public static final [String](http://docs.google.com/java/lang/String.html) **backwardAction**

Name of the Action for moving the caret logically backward one position.

**See Also:**[getActions()](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions()), [Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.text.DefaultEditorKit.backwardAction)

### selectionForwardAction

public static final [String](http://docs.google.com/java/lang/String.html) **selectionForwardAction**

Name of the Action for extending the selection by moving the caret logically forward one position.

**See Also:**[getActions()](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions()), [Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.text.DefaultEditorKit.selectionForwardAction)

### selectionBackwardAction

public static final [String](http://docs.google.com/java/lang/String.html) **selectionBackwardAction**

Name of the Action for extending the selection by moving the caret logically backward one position.

**See Also:**[getActions()](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions()), [Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.text.DefaultEditorKit.selectionBackwardAction)

### upAction

public static final [String](http://docs.google.com/java/lang/String.html) **upAction**

Name of the Action for moving the caret logically upward one position.

**See Also:**[getActions()](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions()), [Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.text.DefaultEditorKit.upAction)

### downAction

public static final [String](http://docs.google.com/java/lang/String.html) **downAction**

Name of the Action for moving the caret logically downward one position.

**See Also:**[getActions()](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions()), [Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.text.DefaultEditorKit.downAction)

### selectionUpAction

public static final [String](http://docs.google.com/java/lang/String.html) **selectionUpAction**

Name of the Action for moving the caret logically upward one position, extending the selection.

**See Also:**[getActions()](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions()), [Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.text.DefaultEditorKit.selectionUpAction)

### selectionDownAction

public static final [String](http://docs.google.com/java/lang/String.html) **selectionDownAction**

Name of the Action for moving the caret logically downward one position, extending the selection.

**See Also:**[getActions()](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions()), [Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.text.DefaultEditorKit.selectionDownAction)

### beginWordAction

public static final [String](http://docs.google.com/java/lang/String.html) **beginWordAction**

Name of the Action for moving the caret to the beginning of a word.

**See Also:**[getActions()](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions()), [Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.text.DefaultEditorKit.beginWordAction)

### endWordAction

public static final [String](http://docs.google.com/java/lang/String.html) **endWordAction**

Name of the Action for moving the caret to the end of a word.

**See Also:**[getActions()](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions()), [Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.text.DefaultEditorKit.endWordAction)

### selectionBeginWordAction

public static final [String](http://docs.google.com/java/lang/String.html) **selectionBeginWordAction**

Name of the Action for moving the caret to the beginning of a word, extending the selection.

**See Also:**[getActions()](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions()), [Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.text.DefaultEditorKit.selectionBeginWordAction)

### selectionEndWordAction

public static final [String](http://docs.google.com/java/lang/String.html) **selectionEndWordAction**

Name of the Action for moving the caret to the end of a word, extending the selection.

**See Also:**[getActions()](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions()), [Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.text.DefaultEditorKit.selectionEndWordAction)

### previousWordAction

public static final [String](http://docs.google.com/java/lang/String.html) **previousWordAction**

Name of the Action for moving the caret to the beginning of the previous word.

**See Also:**[getActions()](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions()), [Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.text.DefaultEditorKit.previousWordAction)

### nextWordAction

public static final [String](http://docs.google.com/java/lang/String.html) **nextWordAction**

Name of the Action for moving the caret to the beginning of the next word.

**See Also:**[getActions()](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions()), [Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.text.DefaultEditorKit.nextWordAction)

### selectionPreviousWordAction

public static final [String](http://docs.google.com/java/lang/String.html) **selectionPreviousWordAction**

Name of the Action for moving the selection to the beginning of the previous word, extending the selection.

**See Also:**[getActions()](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions()), [Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.text.DefaultEditorKit.selectionPreviousWordAction)

### selectionNextWordAction

public static final [String](http://docs.google.com/java/lang/String.html) **selectionNextWordAction**

Name of the Action for moving the selection to the beginning of the next word, extending the selection.

**See Also:**[getActions()](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions()), [Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.text.DefaultEditorKit.selectionNextWordAction)

### beginLineAction

public static final [String](http://docs.google.com/java/lang/String.html) **beginLineAction**

Name of the Action for moving the caret to the beginning of a line.

**See Also:**[getActions()](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions()), [Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.text.DefaultEditorKit.beginLineAction)

### endLineAction

public static final [String](http://docs.google.com/java/lang/String.html) **endLineAction**

Name of the Action for moving the caret to the end of a line.

**See Also:**[getActions()](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions()), [Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.text.DefaultEditorKit.endLineAction)

### selectionBeginLineAction

public static final [String](http://docs.google.com/java/lang/String.html) **selectionBeginLineAction**

Name of the Action for moving the caret to the beginning of a line, extending the selection.

**See Also:**[getActions()](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions()), [Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.text.DefaultEditorKit.selectionBeginLineAction)

### selectionEndLineAction

public static final [String](http://docs.google.com/java/lang/String.html) **selectionEndLineAction**

Name of the Action for moving the caret to the end of a line, extending the selection.

**See Also:**[getActions()](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions()), [Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.text.DefaultEditorKit.selectionEndLineAction)

### beginParagraphAction

public static final [String](http://docs.google.com/java/lang/String.html) **beginParagraphAction**

Name of the Action for moving the caret to the beginning of a paragraph.

**See Also:**[getActions()](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions()), [Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.text.DefaultEditorKit.beginParagraphAction)

### endParagraphAction

public static final [String](http://docs.google.com/java/lang/String.html) **endParagraphAction**

Name of the Action for moving the caret to the end of a paragraph.

**See Also:**[getActions()](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions()), [Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.text.DefaultEditorKit.endParagraphAction)

### selectionBeginParagraphAction

public static final [String](http://docs.google.com/java/lang/String.html) **selectionBeginParagraphAction**

Name of the Action for moving the caret to the beginning of a paragraph, extending the selection.

**See Also:**[getActions()](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions()), [Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.text.DefaultEditorKit.selectionBeginParagraphAction)

### selectionEndParagraphAction

public static final [String](http://docs.google.com/java/lang/String.html) **selectionEndParagraphAction**

Name of the Action for moving the caret to the end of a paragraph, extending the selection.

**See Also:**[getActions()](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions()), [Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.text.DefaultEditorKit.selectionEndParagraphAction)

### beginAction

public static final [String](http://docs.google.com/java/lang/String.html) **beginAction**

Name of the Action for moving the caret to the beginning of the document.

**See Also:**[getActions()](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions()), [Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.text.DefaultEditorKit.beginAction)

### endAction

public static final [String](http://docs.google.com/java/lang/String.html) **endAction**

Name of the Action for moving the caret to the end of the document.

**See Also:**[getActions()](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions()), [Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.text.DefaultEditorKit.endAction)

### selectionBeginAction

public static final [String](http://docs.google.com/java/lang/String.html) **selectionBeginAction**

Name of the Action for moving the caret to the beginning of the document.

**See Also:**[getActions()](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions()), [Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.text.DefaultEditorKit.selectionBeginAction)

### selectionEndAction

public static final [String](http://docs.google.com/java/lang/String.html) **selectionEndAction**

Name of the Action for moving the caret to the end of the document.

**See Also:**[getActions()](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions()), [Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.text.DefaultEditorKit.selectionEndAction)

### selectWordAction

public static final [String](http://docs.google.com/java/lang/String.html) **selectWordAction**

Name of the Action for selecting a word around the caret.

**See Also:**[getActions()](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions()), [Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.text.DefaultEditorKit.selectWordAction)

### selectLineAction

public static final [String](http://docs.google.com/java/lang/String.html) **selectLineAction**

Name of the Action for selecting a line around the caret.

**See Also:**[getActions()](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions()), [Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.text.DefaultEditorKit.selectLineAction)

### selectParagraphAction

public static final [String](http://docs.google.com/java/lang/String.html) **selectParagraphAction**

Name of the Action for selecting a paragraph around the caret.

**See Also:**[getActions()](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions()), [Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.text.DefaultEditorKit.selectParagraphAction)

### selectAllAction

public static final [String](http://docs.google.com/java/lang/String.html) **selectAllAction**

Name of the Action for selecting the entire document

**See Also:**[getActions()](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions()), [Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.text.DefaultEditorKit.selectAllAction)

### defaultKeyTypedAction

public static final [String](http://docs.google.com/java/lang/String.html) **defaultKeyTypedAction**

Name of the action that is executed by default if a *key typed event* is received and there is no keymap entry.

**See Also:**[getActions()](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getActions()), [Constant Field Values](http://docs.google.com/constant-values.html#javax.swing.text.DefaultEditorKit.defaultKeyTypedAction)

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

### DefaultEditorKit

public **DefaultEditorKit**()

default constructor for DefaultEditorKit

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

### getContentType

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

Gets the MIME type of the data that this kit represents support for. The default is text/plain.

**Specified by:**[getContentType](http://docs.google.com/javax/swing/text/EditorKit.html#getContentType()) in class [EditorKit](http://docs.google.com/javax/swing/text/EditorKit.html) **Returns:**the type

### getViewFactory

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

Fetches a factory that is suitable for producing views of any models that are produced by this kit. The default is to have the UI produce the factory, so this method has no implementation.

**Specified by:**[getViewFactory](http://docs.google.com/javax/swing/text/EditorKit.html#getViewFactory()) in class [EditorKit](http://docs.google.com/javax/swing/text/EditorKit.html) **Returns:**the view factory

### getActions

public [Action](http://docs.google.com/javax/swing/Action.html)[] **getActions**()

Fetches the set of commands that can be used on a text component that is using a model and view produced by this kit.

**Specified by:**[getActions](http://docs.google.com/javax/swing/text/EditorKit.html#getActions()) in class [EditorKit](http://docs.google.com/javax/swing/text/EditorKit.html) **Returns:**the command list

### createCaret

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

Fetches a caret that can navigate through views produced by the associated ViewFactory.

**Specified by:**[createCaret](http://docs.google.com/javax/swing/text/EditorKit.html#createCaret()) in class [EditorKit](http://docs.google.com/javax/swing/text/EditorKit.html) **Returns:**the caret

### createDefaultDocument

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

Creates an uninitialized text storage model (PlainDocument) that is appropriate for this type of editor.

**Specified by:**[createDefaultDocument](http://docs.google.com/javax/swing/text/EditorKit.html#createDefaultDocument()) in class [EditorKit](http://docs.google.com/javax/swing/text/EditorKit.html) **Returns:**the model

### read

public void **read**([InputStream](http://docs.google.com/java/io/InputStream.html) in,  
 [Document](http://docs.google.com/javax/swing/text/Document.html) doc,  
 int pos)  
 throws [IOException](http://docs.google.com/java/io/IOException.html),  
 [BadLocationException](http://docs.google.com/javax/swing/text/BadLocationException.html)

Inserts content from the given stream which is expected to be in a format appropriate for this kind of content handler.

**Specified by:**[read](http://docs.google.com/javax/swing/text/EditorKit.html#read(java.io.InputStream,%20javax.swing.text.Document,%20int)) in class [EditorKit](http://docs.google.com/javax/swing/text/EditorKit.html) **Parameters:**in - The stream to read fromdoc - The destination for the insertion.pos - The location in the document to place the content >= 0. **Throws:** [IOException](http://docs.google.com/java/io/IOException.html) - on any I/O error [BadLocationException](http://docs.google.com/javax/swing/text/BadLocationException.html) - if pos represents an invalid location within the document.

### write

public void **write**([OutputStream](http://docs.google.com/java/io/OutputStream.html) out,  
 [Document](http://docs.google.com/javax/swing/text/Document.html) doc,  
 int pos,  
 int len)  
 throws [IOException](http://docs.google.com/java/io/IOException.html),  
 [BadLocationException](http://docs.google.com/javax/swing/text/BadLocationException.html)

Writes content from a document to the given stream in a format appropriate for this kind of content handler.

**Specified by:**[write](http://docs.google.com/javax/swing/text/EditorKit.html#write(java.io.OutputStream,%20javax.swing.text.Document,%20int,%20int)) in class [EditorKit](http://docs.google.com/javax/swing/text/EditorKit.html) **Parameters:**out - The stream to write todoc - The source for the write.pos - The location in the document to fetch the content >= 0.len - The amount to write out >= 0. **Throws:** [IOException](http://docs.google.com/java/io/IOException.html) - on any I/O error [BadLocationException](http://docs.google.com/javax/swing/text/BadLocationException.html) - if pos represents an invalid location within the document.

### read

public void **read**([Reader](http://docs.google.com/java/io/Reader.html) in,  
 [Document](http://docs.google.com/javax/swing/text/Document.html) doc,  
 int pos)  
 throws [IOException](http://docs.google.com/java/io/IOException.html),  
 [BadLocationException](http://docs.google.com/javax/swing/text/BadLocationException.html)

Inserts content from the given stream, which will be treated as plain text.

**Specified by:**[read](http://docs.google.com/javax/swing/text/EditorKit.html#read(java.io.Reader,%20javax.swing.text.Document,%20int)) in class [EditorKit](http://docs.google.com/javax/swing/text/EditorKit.html) **Parameters:**in - The stream to read fromdoc - The destination for the insertion.pos - The location in the document to place the content >= 0. **Throws:** [IOException](http://docs.google.com/java/io/IOException.html) - on any I/O error [BadLocationException](http://docs.google.com/javax/swing/text/BadLocationException.html) - if pos represents an invalid location within the document.

### write

public void **write**([Writer](http://docs.google.com/java/io/Writer.html) out,  
 [Document](http://docs.google.com/javax/swing/text/Document.html) doc,  
 int pos,  
 int len)  
 throws [IOException](http://docs.google.com/java/io/IOException.html),  
 [BadLocationException](http://docs.google.com/javax/swing/text/BadLocationException.html)

Writes content from a document to the given stream as plain text.

**Specified by:**[write](http://docs.google.com/javax/swing/text/EditorKit.html#write(java.io.Writer,%20javax.swing.text.Document,%20int,%20int)) in class [EditorKit](http://docs.google.com/javax/swing/text/EditorKit.html) **Parameters:**out - The stream to write todoc - The source for the write.pos - The location in the document to fetch the content from >= 0.len - The amount to write out >= 0. **Throws:** [IOException](http://docs.google.com/java/io/IOException.html) - on any I/O error [BadLocationException](http://docs.google.com/javax/swing/text/BadLocationException.html) - if pos is not within 0 and the length of the document.

| | [**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.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/DefaultCaret.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/text/DefaultEditorKit.BeepAction.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/text/DefaultEditorKit.html)    [**NO FRAMES**](http://docs.google.com/DefaultEditorKit.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: [NESTED](#3znysh7) | [FIELD](#2et92p0) | [CONSTR](#tyjcwt) | [METHOD](#3dy6vkm) | DETAIL: [FIELD](#2s8eyo1) | [CONSTR](#2dlolyb) | [METHOD](#3cqmetx) |

[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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