| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/RTFEditorKit.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   NEXT CLASS | [**FRAMES**](http://docs.google.com/index.html?javax/swing/text/rtf/RTFEditorKit.html)    [**NO FRAMES**](http://docs.google.com/RTFEditorKit.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: [NESTED](#2et92p0) | [FIELD](#1t3h5sf) | [CONSTR](#4d34og8) | [METHOD](#2s8eyo1) | DETAIL: FIELD | [CONSTR](#lnxbz9) | [METHOD](#1ksv4uv) |

## **javax.swing.text.rtf**

Class RTFEditorKit

[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](http://docs.google.com/javax/swing/text/DefaultEditorKit.html)  
 [javax.swing.text.StyledEditorKit](http://docs.google.com/javax/swing/text/StyledEditorKit.html)  
 **javax.swing.text.rtf.RTFEditorKit**

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html), [Cloneable](http://docs.google.com/java/lang/Cloneable.html)

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

This is the default implementation of RTF editing functionality. The RTF support was not written by the Swing team. In the future we hope to improve the support provided.

| **Nested Class Summary** | |
| --- | --- |

| **Nested classes/interfaces inherited from class javax.swing.text.**[**StyledEditorKit**](http://docs.google.com/javax/swing/text/StyledEditorKit.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.StyledTextAction](http://docs.google.com/javax/swing/text/StyledEditorKit.StyledTextAction.html), [StyledEditorKit.UnderlineAction](http://docs.google.com/javax/swing/text/StyledEditorKit.UnderlineAction.html) |

| **Nested classes/interfaces inherited from class javax.swing.text.**[**DefaultEditorKit**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html) |
| --- |
| [DefaultEditorKit.BeepAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.BeepAction.html), [DefaultEditorKit.CopyAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.CopyAction.html), [DefaultEditorKit.CutAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.CutAction.html), [DefaultEditorKit.DefaultKeyTypedAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.DefaultKeyTypedAction.html), [DefaultEditorKit.InsertBreakAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.InsertBreakAction.html), [DefaultEditorKit.InsertContentAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.InsertContentAction.html), [DefaultEditorKit.InsertTabAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.InsertTabAction.html), [DefaultEditorKit.PasteAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.PasteAction.html) |

| **Field Summary** | |
| --- | --- |

| **Fields inherited from class javax.swing.text.**[**DefaultEditorKit**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html) |
| --- |
| [backwardAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#backwardAction), [beepAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#beepAction), [beginAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#beginAction), [beginLineAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#beginLineAction), [beginParagraphAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#beginParagraphAction), [beginWordAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#beginWordAction), [copyAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#copyAction), [cutAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#cutAction), [defaultKeyTypedAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#defaultKeyTypedAction), [deleteNextCharAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#deleteNextCharAction), [deleteNextWordAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#deleteNextWordAction), [deletePrevCharAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#deletePrevCharAction), [deletePrevWordAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#deletePrevWordAction), [downAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#downAction), [endAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#endAction), [endLineAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#endLineAction), [EndOfLineStringProperty](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#EndOfLineStringProperty), [endParagraphAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#endParagraphAction), [endWordAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#endWordAction), [forwardAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#forwardAction), [insertBreakAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#insertBreakAction), [insertContentAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#insertContentAction), [insertTabAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#insertTabAction), [nextWordAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#nextWordAction), [pageDownAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#pageDownAction), [pageUpAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#pageUpAction), [pasteAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#pasteAction), [previousWordAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#previousWordAction), [readOnlyAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#readOnlyAction), [selectAllAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#selectAllAction), [selectionBackwardAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#selectionBackwardAction), [selectionBeginAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#selectionBeginAction), [selectionBeginLineAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#selectionBeginLineAction), [selectionBeginParagraphAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#selectionBeginParagraphAction), [selectionBeginWordAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#selectionBeginWordAction), [selectionDownAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#selectionDownAction), [selectionEndAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#selectionEndAction), [selectionEndLineAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#selectionEndLineAction), [selectionEndParagraphAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#selectionEndParagraphAction), [selectionEndWordAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#selectionEndWordAction), [selectionForwardAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#selectionForwardAction), [selectionNextWordAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#selectionNextWordAction), [selectionPreviousWordAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#selectionPreviousWordAction), [selectionUpAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#selectionUpAction), [selectLineAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#selectLineAction), [selectParagraphAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#selectParagraphAction), [selectWordAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#selectWordAction), [upAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#upAction), [writableAction](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#writableAction) |

| **Constructor Summary** | |
| --- | --- |
| [**RTFEditorKit**](http://docs.google.com/javax/swing/text/rtf/RTFEditorKit.html#RTFEditorKit())()            Constructs an RTFEditorKit. |

| **Method Summary** | |
| --- | --- |
| [String](http://docs.google.com/java/lang/String.html) | [**getContentType**](http://docs.google.com/javax/swing/text/rtf/RTFEditorKit.html#getContentType())()            Get the MIME type of the data that this kit represents support for. |
| void | [**read**](http://docs.google.com/javax/swing/text/rtf/RTFEditorKit.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)            Insert 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/rtf/RTFEditorKit.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)            Insert content from the given stream, which will be treated as plain text. |
| void | [**write**](http://docs.google.com/javax/swing/text/rtf/RTFEditorKit.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)            Write 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/rtf/RTFEditorKit.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)            Write content from a document to the given stream as plain text. |

| **Methods inherited from class javax.swing.text.**[**StyledEditorKit**](http://docs.google.com/javax/swing/text/StyledEditorKit.html) |
| --- |
| [clone](http://docs.google.com/javax/swing/text/StyledEditorKit.html#clone()), [createDefaultDocument](http://docs.google.com/javax/swing/text/StyledEditorKit.html#createDefaultDocument()), [createInputAttributes](http://docs.google.com/javax/swing/text/StyledEditorKit.html#createInputAttributes(javax.swing.text.Element,%20javax.swing.text.MutableAttributeSet)), [deinstall](http://docs.google.com/javax/swing/text/StyledEditorKit.html#deinstall(javax.swing.JEditorPane)), [getActions](http://docs.google.com/javax/swing/text/StyledEditorKit.html#getActions()), [getCharacterAttributeRun](http://docs.google.com/javax/swing/text/StyledEditorKit.html#getCharacterAttributeRun()), [getInputAttributes](http://docs.google.com/javax/swing/text/StyledEditorKit.html#getInputAttributes()), [getViewFactory](http://docs.google.com/javax/swing/text/StyledEditorKit.html#getViewFactory()), [install](http://docs.google.com/javax/swing/text/StyledEditorKit.html#install(javax.swing.JEditorPane)) |

| **Methods inherited from class javax.swing.text.**[**DefaultEditorKit**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html) |
| --- |
| [createCaret](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#createCaret()) |

| **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)) |

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

### RTFEditorKit

public **RTFEditorKit**()

Constructs an RTFEditorKit.

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

### getContentType

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

Get the MIME type of the data that this kit represents support for. This kit supports the type text/rtf.

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

### 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)

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

**Overrides:**[read](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#read(java.io.InputStream,%20javax.swing.text.Document,%20int)) in class [DefaultEditorKit](http://docs.google.com/javax/swing/text/DefaultEditorKit.html) **Parameters:**in - The stream to read fromdoc - The destination for the insertion.pos - The location in the document to place the content. **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)

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

**Overrides:**[write](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#write(java.io.OutputStream,%20javax.swing.text.Document,%20int,%20int)) in class [DefaultEditorKit](http://docs.google.com/javax/swing/text/DefaultEditorKit.html) **Parameters:**out - The stream to write todoc - The source for the write.pos - The location in the document to fetch the content.len - The amount to write out. **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)

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

**Overrides:**[read](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#read(java.io.Reader,%20javax.swing.text.Document,%20int)) in class [DefaultEditorKit](http://docs.google.com/javax/swing/text/DefaultEditorKit.html) **Parameters:**in - The stream to read fromdoc - The destination for the insertion.pos - The location in the document to place the content. **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)

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

**Overrides:**[write](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#write(java.io.Writer,%20javax.swing.text.Document,%20int,%20int)) in class [DefaultEditorKit](http://docs.google.com/javax/swing/text/DefaultEditorKit.html) **Parameters:**out - The stream to write todoc - The source for the write.pos - The location in the document to fetch the content.len - The amount to write out. **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.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/RTFEditorKit.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   NEXT CLASS | [**FRAMES**](http://docs.google.com/index.html?javax/swing/text/rtf/RTFEditorKit.html)    [**NO FRAMES**](http://docs.google.com/RTFEditorKit.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: [NESTED](#2et92p0) | [FIELD](#1t3h5sf) | [CONSTR](#4d34og8) | [METHOD](#2s8eyo1) | 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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