| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/javax/swing/text/Document.html) | **Use** | [**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*** |
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| PREV   NEXT | [**FRAMES**](http://docs.google.com/index.html?javax/swing/text//class-useDocument.html)    [**NO FRAMES**](http://docs.google.com/Document.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Interface**

**javax.swing.text.Document**

| Packages that use [Document](http://docs.google.com/javax/swing/text/Document.html) | |
| --- | --- |
| [**javax.swing**](#3znysh7) | Provides a set of "lightweight" (all-Java language) components that, to the maximum degree possible, work the same on all platforms. |
| [**javax.swing.event**](#2et92p0) | Provides for events fired by Swing components. |
| [**javax.swing.text**](#tyjcwt) | Provides classes and interfaces that deal with editable and noneditable text components. |
| [**javax.swing.text.html**](#3dy6vkm) | Provides the class HTMLEditorKit and supporting classes for creating HTML text editors. |
| [**javax.swing.text.rtf**](#1t3h5sf) | Provides a class (RTFEditorKit) for creating Rich-Text-Format text editors. |

| Uses of [Document](http://docs.google.com/javax/swing/text/Document.html) in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) | |
| --- | --- |

| Methods in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) that return [Document](http://docs.google.com/javax/swing/text/Document.html) | |
| --- | --- |
| protected  [Document](http://docs.google.com/javax/swing/text/Document.html) | **JTextArea.**[**createDefaultModel**](http://docs.google.com/javax/swing/JTextArea.html#createDefaultModel())()            Creates the default implementation of the model to be used at construction if one isn't explicitly given. |
| protected  [Document](http://docs.google.com/javax/swing/text/Document.html) | **JTextField.**[**createDefaultModel**](http://docs.google.com/javax/swing/JTextField.html#createDefaultModel())()            Creates the default implementation of the model to be used at construction if one isn't explicitly given. |

| Methods in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) with parameters of type [Document](http://docs.google.com/javax/swing/text/Document.html) | |
| --- | --- |
| void | **JFormattedTextField.**[**setDocument**](http://docs.google.com/javax/swing/JFormattedTextField.html#setDocument(javax.swing.text.Document))([Document](http://docs.google.com/javax/swing/text/Document.html) doc)            Associates the editor with a text document. |
| void | **JTextPane.**[**setDocument**](http://docs.google.com/javax/swing/JTextPane.html#setDocument(javax.swing.text.Document))([Document](http://docs.google.com/javax/swing/text/Document.html) doc)            Associates the editor with a text document. |
| void | **JTextField.**[**setDocument**](http://docs.google.com/javax/swing/JTextField.html#setDocument(javax.swing.text.Document))([Document](http://docs.google.com/javax/swing/text/Document.html) doc)            Associates the editor with a text document. |

| Constructors in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) with parameters of type [Document](http://docs.google.com/javax/swing/text/Document.html) | |
| --- | --- |
| [**JPasswordField**](http://docs.google.com/javax/swing/JPasswordField.html#JPasswordField(javax.swing.text.Document,%20java.lang.String,%20int))([Document](http://docs.google.com/javax/swing/text/Document.html) doc, [String](http://docs.google.com/java/lang/String.html) txt, int columns)            Constructs a new JPasswordField that uses the given text storage model and the given number of columns. |
| [**JTextArea**](http://docs.google.com/javax/swing/JTextArea.html#JTextArea(javax.swing.text.Document))([Document](http://docs.google.com/javax/swing/text/Document.html) doc)            Constructs a new JTextArea with the given document model, and defaults for all of the other arguments (null, 0, 0). |
| [**JTextArea**](http://docs.google.com/javax/swing/JTextArea.html#JTextArea(javax.swing.text.Document,%20java.lang.String,%20int,%20int))([Document](http://docs.google.com/javax/swing/text/Document.html) doc, [String](http://docs.google.com/java/lang/String.html) text, int rows, int columns)            Constructs a new JTextArea with the specified number of rows and columns, and the given model. |
| [**JTextField**](http://docs.google.com/javax/swing/JTextField.html#JTextField(javax.swing.text.Document,%20java.lang.String,%20int))([Document](http://docs.google.com/javax/swing/text/Document.html) doc, [String](http://docs.google.com/java/lang/String.html) text, int columns)            Constructs a new JTextField that uses the given text storage model and the given number of columns. |

| Uses of [Document](http://docs.google.com/javax/swing/text/Document.html) in [javax.swing.event](http://docs.google.com/javax/swing/event/package-summary.html) | |
| --- | --- |

| Methods in [javax.swing.event](http://docs.google.com/javax/swing/event/package-summary.html) that return [Document](http://docs.google.com/javax/swing/text/Document.html) | |
| --- | --- |
| [Document](http://docs.google.com/javax/swing/text/Document.html) | **DocumentEvent.**[**getDocument**](http://docs.google.com/javax/swing/event/DocumentEvent.html#getDocument())()            Gets the document that sourced the change event. |

| Uses of [Document](http://docs.google.com/javax/swing/text/Document.html) in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) | |
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| Subinterfaces of [Document](http://docs.google.com/javax/swing/text/Document.html) in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) | |
| --- | --- |
| interface | [**StyledDocument**](http://docs.google.com/javax/swing/text/StyledDocument.html)            Interface for a generic styled document. |

| Classes in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) that implement [Document](http://docs.google.com/javax/swing/text/Document.html) | |
| --- | --- |
| class | [**AbstractDocument**](http://docs.google.com/javax/swing/text/AbstractDocument.html)            An implementation of the document interface to serve as a basis for implementing various kinds of documents. |
| class | [**DefaultStyledDocument**](http://docs.google.com/javax/swing/text/DefaultStyledDocument.html)            A document that can be marked up with character and paragraph styles in a manner similar to the Rich Text Format. |
| class | [**PlainDocument**](http://docs.google.com/javax/swing/text/PlainDocument.html)            A plain document that maintains no character attributes. |

| Methods in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) that return [Document](http://docs.google.com/javax/swing/text/Document.html) | |
| --- | --- |
| [Document](http://docs.google.com/javax/swing/text/Document.html) | **StyledEditorKit.**[**createDefaultDocument**](http://docs.google.com/javax/swing/text/StyledEditorKit.html#createDefaultDocument())()            Creates an uninitialized text storage model that is appropriate for this type of editor. |
| [Document](http://docs.google.com/javax/swing/text/Document.html) | **DefaultEditorKit.**[**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. |
| abstract  [Document](http://docs.google.com/javax/swing/text/Document.html) | **EditorKit.**[**createDefaultDocument**](http://docs.google.com/javax/swing/text/EditorKit.html#createDefaultDocument())()            Creates an uninitialized text storage model that is appropriate for this type of editor. |
| protected  [Document](http://docs.google.com/javax/swing/text/Document.html) | **AbstractWriter.**[**getDocument**](http://docs.google.com/javax/swing/text/AbstractWriter.html#getDocument())()            Fetches the document. |
| [Document](http://docs.google.com/javax/swing/text/Document.html) | **AbstractDocument.AbstractElement.**[**getDocument**](http://docs.google.com/javax/swing/text/AbstractDocument.AbstractElement.html#getDocument())()            Retrieves the underlying model. |
| [Document](http://docs.google.com/javax/swing/text/Document.html) | **AbstractDocument.DefaultDocumentEvent.**[**getDocument**](http://docs.google.com/javax/swing/text/AbstractDocument.DefaultDocumentEvent.html#getDocument())()            Gets the document that sourced the change event. |
| [Document](http://docs.google.com/javax/swing/text/Document.html) | **JTextComponent.**[**getDocument**](http://docs.google.com/javax/swing/text/JTextComponent.html#getDocument())()            Fetches the model associated with the editor. |
| abstract  [Document](http://docs.google.com/javax/swing/text/Document.html) | **DocumentFilter.FilterBypass.**[**getDocument**](http://docs.google.com/javax/swing/text/DocumentFilter.FilterBypass.html#getDocument())()            Returns the Document the mutation is occuring on. |
| [Document](http://docs.google.com/javax/swing/text/Document.html) | **Element.**[**getDocument**](http://docs.google.com/javax/swing/text/Element.html#getDocument())()            Fetches the document associated with this element. |
| [Document](http://docs.google.com/javax/swing/text/Document.html) | **View.**[**getDocument**](http://docs.google.com/javax/swing/text/View.html#getDocument())()            Fetches the model associated with the view. |

| Methods in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) with parameters of type [Document](http://docs.google.com/javax/swing/text/Document.html) | |
| --- | --- |
| void | **DefaultEditorKit.**[**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. |
| abstract  void | **EditorKit.**[**read**](http://docs.google.com/javax/swing/text/EditorKit.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 | **DefaultEditorKit.**[**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. |
| abstract  void | **EditorKit.**[**read**](http://docs.google.com/javax/swing/text/EditorKit.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 is expected to be in a format appropriate for this kind of content handler. |
| void | **JTextComponent.**[**setDocument**](http://docs.google.com/javax/swing/text/JTextComponent.html#setDocument(javax.swing.text.Document))([Document](http://docs.google.com/javax/swing/text/Document.html) doc)            Associates the editor with a text document. |
| void | **DefaultEditorKit.**[**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. |
| abstract  void | **EditorKit.**[**write**](http://docs.google.com/javax/swing/text/EditorKit.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 | **DefaultEditorKit.**[**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. |
| abstract  void | **EditorKit.**[**write**](http://docs.google.com/javax/swing/text/EditorKit.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 in a format appropriate for this kind of content handler. |

| Constructors in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) with parameters of type [Document](http://docs.google.com/javax/swing/text/Document.html) | |
| --- | --- |
| [**AbstractWriter**](http://docs.google.com/javax/swing/text/AbstractWriter.html#AbstractWriter(java.io.Writer,%20javax.swing.text.Document))([Writer](http://docs.google.com/java/io/Writer.html) w, [Document](http://docs.google.com/javax/swing/text/Document.html) doc)            Creates a new AbstractWriter. |
| [**AbstractWriter**](http://docs.google.com/javax/swing/text/AbstractWriter.html#AbstractWriter(java.io.Writer,%20javax.swing.text.Document,%20int,%20int))([Writer](http://docs.google.com/java/io/Writer.html) w, [Document](http://docs.google.com/javax/swing/text/Document.html) doc, int pos, int len)            Creates a new AbstractWriter. |
| [**ElementIterator**](http://docs.google.com/javax/swing/text/ElementIterator.html#ElementIterator(javax.swing.text.Document))([Document](http://docs.google.com/javax/swing/text/Document.html) document)            Creates a new ElementIterator. |

| Uses of [Document](http://docs.google.com/javax/swing/text/Document.html) in [javax.swing.text.html](http://docs.google.com/javax/swing/text/html/package-summary.html) | |
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| Classes in [javax.swing.text.html](http://docs.google.com/javax/swing/text/html/package-summary.html) that implement [Document](http://docs.google.com/javax/swing/text/Document.html) | |
| --- | --- |
| class | [**HTMLDocument**](http://docs.google.com/javax/swing/text/html/HTMLDocument.html)            A document that models HTML. |

| Methods in [javax.swing.text.html](http://docs.google.com/javax/swing/text/html/package-summary.html) that return [Document](http://docs.google.com/javax/swing/text/Document.html) | |
| --- | --- |
| [Document](http://docs.google.com/javax/swing/text/Document.html) | **HTMLEditorKit.**[**createDefaultDocument**](http://docs.google.com/javax/swing/text/html/HTMLEditorKit.html#createDefaultDocument())()            Create an uninitialized text storage model that is appropriate for this type of editor. |

| Methods in [javax.swing.text.html](http://docs.google.com/javax/swing/text/html/package-summary.html) with parameters of type [Document](http://docs.google.com/javax/swing/text/Document.html) | |
| --- | --- |
| void | **HTMLEditorKit.**[**read**](http://docs.google.com/javax/swing/text/html/HTMLEditorKit.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. |
| void | **HTMLEditorKit.**[**write**](http://docs.google.com/javax/swing/text/html/HTMLEditorKit.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 in a format appropriate for this kind of content handler. |

| Uses of [Document](http://docs.google.com/javax/swing/text/Document.html) in [javax.swing.text.rtf](http://docs.google.com/javax/swing/text/rtf/package-summary.html) | |
| --- | --- |

| Methods in [javax.swing.text.rtf](http://docs.google.com/javax/swing/text/rtf/package-summary.html) with parameters of type [Document](http://docs.google.com/javax/swing/text/Document.html) | |
| --- | --- |
| void | **RTFEditorKit.**[**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 | **RTFEditorKit.**[**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 | **RTFEditorKit.**[**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 | **RTFEditorKit.**[**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. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/javax/swing/text/Document.html) | **Use** | [**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   NEXT | [**FRAMES**](http://docs.google.com/index.html?javax/swing/text//class-useDocument.html)    [**NO FRAMES**](http://docs.google.com/Document.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

[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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