| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/javax/swing/text/BadLocationException.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-useBadLocationException.html)    [**NO FRAMES**](http://docs.google.com/BadLocationException.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Class**

**javax.swing.text.BadLocationException**

| Packages that use [BadLocationException](http://docs.google.com/javax/swing/text/BadLocationException.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.plaf**](#2et92p0) | Provides one interface and many abstract classes that Swing uses to provide its pluggable look-and-feel capabilities. |
| [**javax.swing.plaf.basic**](#tyjcwt) | Provides user interface objects built according to the Basic look and feel. |
| [**javax.swing.plaf.multi**](#3dy6vkm) | Provides user interface objects that combine two or more look and feels. |
| [**javax.swing.text**](#1t3h5sf) | Provides classes and interfaces that deal with editable and noneditable text components. |
| [**javax.swing.text.html**](#4d34og8) | Provides the class HTMLEditorKit and supporting classes for creating HTML text editors. |
| [**javax.swing.text.rtf**](#2s8eyo1) | Provides a class (RTFEditorKit) for creating Rich-Text-Format text editors. |

| Uses of [BadLocationException](http://docs.google.com/javax/swing/text/BadLocationException.html) in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) | |
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| Methods in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) that throw [BadLocationException](http://docs.google.com/javax/swing/text/BadLocationException.html) | |
| --- | --- |
| int | **JTextArea.**[**getLineEndOffset**](http://docs.google.com/javax/swing/JTextArea.html#getLineEndOffset(int))(int line)            Determines the offset of the end of the given line. |
| int | **JTextArea.**[**getLineOfOffset**](http://docs.google.com/javax/swing/JTextArea.html#getLineOfOffset(int))(int offset)            Translates an offset into the components text to a line number. |
| int | **JTextArea.**[**getLineStartOffset**](http://docs.google.com/javax/swing/JTextArea.html#getLineStartOffset(int))(int line)            Determines the offset of the start of the given line. |
| [String](http://docs.google.com/java/lang/String.html) | **JPasswordField.**[**getText**](http://docs.google.com/javax/swing/JPasswordField.html#getText(int,%20int))(int offs, int len)  **Deprecated.** *As of Java 2 platform v1.2, replaced by getPassword.* |

| Uses of [BadLocationException](http://docs.google.com/javax/swing/text/BadLocationException.html) in [javax.swing.plaf](http://docs.google.com/javax/swing/plaf/package-summary.html) | |
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| Methods in [javax.swing.plaf](http://docs.google.com/javax/swing/plaf/package-summary.html) that throw [BadLocationException](http://docs.google.com/javax/swing/text/BadLocationException.html) | |
| --- | --- |
| abstract  int | **TextUI.**[**getNextVisualPositionFrom**](http://docs.google.com/javax/swing/plaf/TextUI.html#getNextVisualPositionFrom(javax.swing.text.JTextComponent,%20int,%20javax.swing.text.Position.Bias,%20int,%20javax.swing.text.Position.Bias%5B%5D))([JTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.html) t, int pos, [Position.Bias](http://docs.google.com/javax/swing/text/Position.Bias.html) b, int direction, [Position.Bias](http://docs.google.com/javax/swing/text/Position.Bias.html)[] biasRet)            Provides a way to determine the next visually represented model location that one might place a caret. |
| abstract  [Rectangle](http://docs.google.com/java/awt/Rectangle.html) | **TextUI.**[**modelToView**](http://docs.google.com/javax/swing/plaf/TextUI.html#modelToView(javax.swing.text.JTextComponent,%20int))([JTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.html) t, int pos)            Converts the given location in the model to a place in the view coordinate system. |
| abstract  [Rectangle](http://docs.google.com/java/awt/Rectangle.html) | **TextUI.**[**modelToView**](http://docs.google.com/javax/swing/plaf/TextUI.html#modelToView(javax.swing.text.JTextComponent,%20int,%20javax.swing.text.Position.Bias))([JTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.html) t, int pos, [Position.Bias](http://docs.google.com/javax/swing/text/Position.Bias.html) bias)            Converts the given location in the model to a place in the view coordinate system. |

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

| Methods in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) that throw [BadLocationException](http://docs.google.com/javax/swing/text/BadLocationException.html) | |
| --- | --- |
| int | **BasicTextUI.**[**getNextVisualPositionFrom**](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#getNextVisualPositionFrom(javax.swing.text.JTextComponent,%20int,%20javax.swing.text.Position.Bias,%20int,%20javax.swing.text.Position.Bias%5B%5D))([JTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.html) t, int pos, [Position.Bias](http://docs.google.com/javax/swing/text/Position.Bias.html) b, int direction, [Position.Bias](http://docs.google.com/javax/swing/text/Position.Bias.html)[] biasRet)            Provides a way to determine the next visually represented model location that one might place a caret. |
| [Rectangle](http://docs.google.com/java/awt/Rectangle.html) | **BasicTextUI.**[**modelToView**](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#modelToView(javax.swing.text.JTextComponent,%20int))([JTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.html) tc, int pos)            Converts the given location in the model to a place in the view coordinate system. |
| [Rectangle](http://docs.google.com/java/awt/Rectangle.html) | **BasicTextUI.**[**modelToView**](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#modelToView(javax.swing.text.JTextComponent,%20int,%20javax.swing.text.Position.Bias))([JTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.html) tc, int pos, [Position.Bias](http://docs.google.com/javax/swing/text/Position.Bias.html) bias)            Converts the given location in the model to a place in the view coordinate system. |

| Uses of [BadLocationException](http://docs.google.com/javax/swing/text/BadLocationException.html) in [javax.swing.plaf.multi](http://docs.google.com/javax/swing/plaf/multi/package-summary.html) | |
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| Methods in [javax.swing.plaf.multi](http://docs.google.com/javax/swing/plaf/multi/package-summary.html) that throw [BadLocationException](http://docs.google.com/javax/swing/text/BadLocationException.html) | |
| --- | --- |
| int | **MultiTextUI.**[**getNextVisualPositionFrom**](http://docs.google.com/javax/swing/plaf/multi/MultiTextUI.html#getNextVisualPositionFrom(javax.swing.text.JTextComponent,%20int,%20javax.swing.text.Position.Bias,%20int,%20javax.swing.text.Position.Bias%5B%5D))([JTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.html) a, int b, [Position.Bias](http://docs.google.com/javax/swing/text/Position.Bias.html) c, int d, [Position.Bias](http://docs.google.com/javax/swing/text/Position.Bias.html)[] e)            Invokes the getNextVisualPositionFrom method on each UI handled by this object. |
| [Rectangle](http://docs.google.com/java/awt/Rectangle.html) | **MultiTextUI.**[**modelToView**](http://docs.google.com/javax/swing/plaf/multi/MultiTextUI.html#modelToView(javax.swing.text.JTextComponent,%20int))([JTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.html) a, int b)            Invokes the modelToView method on each UI handled by this object. |
| [Rectangle](http://docs.google.com/java/awt/Rectangle.html) | **MultiTextUI.**[**modelToView**](http://docs.google.com/javax/swing/plaf/multi/MultiTextUI.html#modelToView(javax.swing.text.JTextComponent,%20int,%20javax.swing.text.Position.Bias))([JTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.html) a, int b, [Position.Bias](http://docs.google.com/javax/swing/text/Position.Bias.html) c)            Invokes the modelToView method on each UI handled by this object. |

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

| Methods in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) that throw [BadLocationException](http://docs.google.com/javax/swing/text/BadLocationException.html) | |
| --- | --- |
| [Object](http://docs.google.com/java/lang/Object.html) | **DefaultHighlighter.**[**addHighlight**](http://docs.google.com/javax/swing/text/DefaultHighlighter.html#addHighlight(int,%20int,%20javax.swing.text.Highlighter.HighlightPainter))(int p0, int p1, [Highlighter.HighlightPainter](http://docs.google.com/javax/swing/text/Highlighter.HighlightPainter.html) p)            Adds a highlight to the view. |
| [Object](http://docs.google.com/java/lang/Object.html) | **Highlighter.**[**addHighlight**](http://docs.google.com/javax/swing/text/Highlighter.html#addHighlight(int,%20int,%20javax.swing.text.Highlighter.HighlightPainter))(int p0, int p1, [Highlighter.HighlightPainter](http://docs.google.com/javax/swing/text/Highlighter.HighlightPainter.html) p)            Adds a highlight to the view. |
| void | **DefaultHighlighter.**[**changeHighlight**](http://docs.google.com/javax/swing/text/DefaultHighlighter.html#changeHighlight(java.lang.Object,%20int,%20int))([Object](http://docs.google.com/java/lang/Object.html) tag, int p0, int p1)            Changes a highlight. |
| void | **Highlighter.**[**changeHighlight**](http://docs.google.com/javax/swing/text/Highlighter.html#changeHighlight(java.lang.Object,%20int,%20int))([Object](http://docs.google.com/java/lang/Object.html) tag, int p0, int p1)            Changes the given highlight to span a different portion of the document. |
| [Position](http://docs.google.com/javax/swing/text/Position.html) | **StringContent.**[**createPosition**](http://docs.google.com/javax/swing/text/StringContent.html#createPosition(int))(int offset)            Creates a position within the content that will track change as the content is mutated. |
| [Position](http://docs.google.com/javax/swing/text/Position.html) | **GapContent.**[**createPosition**](http://docs.google.com/javax/swing/text/GapContent.html#createPosition(int))(int offset)            Creates a position within the content that will track change as the content is mutated. |
| [Position](http://docs.google.com/javax/swing/text/Position.html) | **AbstractDocument.**[**createPosition**](http://docs.google.com/javax/swing/text/AbstractDocument.html#createPosition(int))(int offs)            Returns a position that will track change as the document is altered. |
| [Position](http://docs.google.com/javax/swing/text/Position.html) | **AbstractDocument.Content.**[**createPosition**](http://docs.google.com/javax/swing/text/AbstractDocument.Content.html#createPosition(int))(int offset)            Creates a position within the content that will track change as the content is mutated. |
| [Position](http://docs.google.com/javax/swing/text/Position.html) | **Document.**[**createPosition**](http://docs.google.com/javax/swing/text/Document.html#createPosition(int))(int offs)            This method allows an application to mark a place in a sequence of character content. |
| protected  int | **PasswordView.**[**drawSelectedText**](http://docs.google.com/javax/swing/text/PasswordView.html#drawSelectedText(java.awt.Graphics,%20int,%20int,%20int,%20int))([Graphics](http://docs.google.com/java/awt/Graphics.html) g, int x, int y, int p0, int p1)            Renders the given range in the model as selected text. |
| protected  int | **WrappedPlainView.**[**drawSelectedText**](http://docs.google.com/javax/swing/text/WrappedPlainView.html#drawSelectedText(java.awt.Graphics,%20int,%20int,%20int,%20int))([Graphics](http://docs.google.com/java/awt/Graphics.html) g, int x, int y, int p0, int p1)            Renders the given range in the model as selected text. |
| protected  int | **PlainView.**[**drawSelectedText**](http://docs.google.com/javax/swing/text/PlainView.html#drawSelectedText(java.awt.Graphics,%20int,%20int,%20int,%20int))([Graphics](http://docs.google.com/java/awt/Graphics.html) g, int x, int y, int p0, int p1)            Renders the given range in the model as selected text. |
| protected  int | **PasswordView.**[**drawUnselectedText**](http://docs.google.com/javax/swing/text/PasswordView.html#drawUnselectedText(java.awt.Graphics,%20int,%20int,%20int,%20int))([Graphics](http://docs.google.com/java/awt/Graphics.html) g, int x, int y, int p0, int p1)            Renders the given range in the model as normal unselected text. |
| protected  int | **WrappedPlainView.**[**drawUnselectedText**](http://docs.google.com/javax/swing/text/WrappedPlainView.html#drawUnselectedText(java.awt.Graphics,%20int,%20int,%20int,%20int))([Graphics](http://docs.google.com/java/awt/Graphics.html) g, int x, int y, int p0, int p1)            Renders the given range in the model as normal unselected text. |
| protected  int | **PlainView.**[**drawUnselectedText**](http://docs.google.com/javax/swing/text/PlainView.html#drawUnselectedText(java.awt.Graphics,%20int,%20int,%20int,%20int))([Graphics](http://docs.google.com/java/awt/Graphics.html) g, int x, int y, int p0, int p1)            Renders the given range in the model as normal unselected text. |
| void | **StringContent.**[**getChars**](http://docs.google.com/javax/swing/text/StringContent.html#getChars(int,%20int,%20javax.swing.text.Segment))(int where, int len, [Segment](http://docs.google.com/javax/swing/text/Segment.html) chars)            Retrieves a portion of the content. |
| void | **GapContent.**[**getChars**](http://docs.google.com/javax/swing/text/GapContent.html#getChars(int,%20int,%20javax.swing.text.Segment))(int where, int len, [Segment](http://docs.google.com/javax/swing/text/Segment.html) chars)            Retrieves a portion of the content. |
| void | **AbstractDocument.Content.**[**getChars**](http://docs.google.com/javax/swing/text/AbstractDocument.Content.html#getChars(int,%20int,%20javax.swing.text.Segment))(int where, int len, [Segment](http://docs.google.com/javax/swing/text/Segment.html) txt)            Gets a sequence of characters and copies them into a Segment. |
| protected  int | **ParagraphView.**[**getClosestPositionTo**](http://docs.google.com/javax/swing/text/ParagraphView.html#getClosestPositionTo(int,%20javax.swing.text.Position.Bias,%20java.awt.Shape,%20int,%20javax.swing.text.Position.Bias%5B%5D,%20int,%20int))(int pos, [Position.Bias](http://docs.google.com/javax/swing/text/Position.Bias.html) b, [Shape](http://docs.google.com/java/awt/Shape.html) a, int direction, [Position.Bias](http://docs.google.com/javax/swing/text/Position.Bias.html)[] biasRet, int rowIndex, int x)            Returns the closest model position to x. |
| protected  int | **CompositeView.**[**getNextEastWestVisualPositionFrom**](http://docs.google.com/javax/swing/text/CompositeView.html#getNextEastWestVisualPositionFrom(int,%20javax.swing.text.Position.Bias,%20java.awt.Shape,%20int,%20javax.swing.text.Position.Bias%5B%5D))(int pos, [Position.Bias](http://docs.google.com/javax/swing/text/Position.Bias.html) b, [Shape](http://docs.google.com/java/awt/Shape.html) a, int direction, [Position.Bias](http://docs.google.com/javax/swing/text/Position.Bias.html)[] biasRet)            Returns the next visual position for the cursor, in either the east or west direction. |
| protected  int | **ParagraphView.**[**getNextNorthSouthVisualPositionFrom**](http://docs.google.com/javax/swing/text/ParagraphView.html#getNextNorthSouthVisualPositionFrom(int,%20javax.swing.text.Position.Bias,%20java.awt.Shape,%20int,%20javax.swing.text.Position.Bias%5B%5D))(int pos, [Position.Bias](http://docs.google.com/javax/swing/text/Position.Bias.html) b, [Shape](http://docs.google.com/java/awt/Shape.html) a, int direction, [Position.Bias](http://docs.google.com/javax/swing/text/Position.Bias.html)[] biasRet)            Returns the next visual position for the cursor, in either the east or west direction. |
| protected  int | **CompositeView.**[**getNextNorthSouthVisualPositionFrom**](http://docs.google.com/javax/swing/text/CompositeView.html#getNextNorthSouthVisualPositionFrom(int,%20javax.swing.text.Position.Bias,%20java.awt.Shape,%20int,%20javax.swing.text.Position.Bias%5B%5D))(int pos, [Position.Bias](http://docs.google.com/javax/swing/text/Position.Bias.html) b, [Shape](http://docs.google.com/java/awt/Shape.html) a, int direction, [Position.Bias](http://docs.google.com/javax/swing/text/Position.Bias.html)[] biasRet)            Returns the next visual position for the cursor, in either the north or south direction. |
| int | **GlyphView.GlyphPainter.**[**getNextVisualPositionFrom**](http://docs.google.com/javax/swing/text/GlyphView.GlyphPainter.html#getNextVisualPositionFrom(javax.swing.text.GlyphView,%20int,%20javax.swing.text.Position.Bias,%20java.awt.Shape,%20int,%20javax.swing.text.Position.Bias%5B%5D))([GlyphView](http://docs.google.com/javax/swing/text/GlyphView.html) v, int pos, [Position.Bias](http://docs.google.com/javax/swing/text/Position.Bias.html) b, [Shape](http://docs.google.com/java/awt/Shape.html) a, int direction, [Position.Bias](http://docs.google.com/javax/swing/text/Position.Bias.html)[] biasRet)            Provides a way to determine the next visually represented model location that one might place a caret. |
| int | **AsyncBoxView.**[**getNextVisualPositionFrom**](http://docs.google.com/javax/swing/text/AsyncBoxView.html#getNextVisualPositionFrom(int,%20javax.swing.text.Position.Bias,%20java.awt.Shape,%20int,%20javax.swing.text.Position.Bias%5B%5D))(int pos, [Position.Bias](http://docs.google.com/javax/swing/text/Position.Bias.html) b, [Shape](http://docs.google.com/java/awt/Shape.html) a, int direction, [Position.Bias](http://docs.google.com/javax/swing/text/Position.Bias.html)[] biasRet)            Provides a way to determine the next visually represented model location that one might place a caret. |
| int | **GlyphView.**[**getNextVisualPositionFrom**](http://docs.google.com/javax/swing/text/GlyphView.html#getNextVisualPositionFrom(int,%20javax.swing.text.Position.Bias,%20java.awt.Shape,%20int,%20javax.swing.text.Position.Bias%5B%5D))(int pos, [Position.Bias](http://docs.google.com/javax/swing/text/Position.Bias.html) b, [Shape](http://docs.google.com/java/awt/Shape.html) a, int direction, [Position.Bias](http://docs.google.com/javax/swing/text/Position.Bias.html)[] biasRet)            Provides a way to determine the next visually represented model location that one might place a caret. |
| int | **CompositeView.**[**getNextVisualPositionFrom**](http://docs.google.com/javax/swing/text/CompositeView.html#getNextVisualPositionFrom(int,%20javax.swing.text.Position.Bias,%20java.awt.Shape,%20int,%20javax.swing.text.Position.Bias%5B%5D))(int pos, [Position.Bias](http://docs.google.com/javax/swing/text/Position.Bias.html) b, [Shape](http://docs.google.com/java/awt/Shape.html) a, int direction, [Position.Bias](http://docs.google.com/javax/swing/text/Position.Bias.html)[] biasRet)            Provides a way to determine the next visually represented model location that one might place a caret. |
| int | **View.**[**getNextVisualPositionFrom**](http://docs.google.com/javax/swing/text/View.html#getNextVisualPositionFrom(int,%20javax.swing.text.Position.Bias,%20java.awt.Shape,%20int,%20javax.swing.text.Position.Bias%5B%5D))(int pos, [Position.Bias](http://docs.google.com/javax/swing/text/Position.Bias.html) b, [Shape](http://docs.google.com/java/awt/Shape.html) a, int direction, [Position.Bias](http://docs.google.com/javax/swing/text/Position.Bias.html)[] biasRet)            Provides a way to determine the next visually represented model location at which one might place a caret. |
| int | **NavigationFilter.**[**getNextVisualPositionFrom**](http://docs.google.com/javax/swing/text/NavigationFilter.html#getNextVisualPositionFrom(javax.swing.text.JTextComponent,%20int,%20javax.swing.text.Position.Bias,%20int,%20javax.swing.text.Position.Bias%5B%5D))([JTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.html) text, int pos, [Position.Bias](http://docs.google.com/javax/swing/text/Position.Bias.html) bias, int direction, [Position.Bias](http://docs.google.com/javax/swing/text/Position.Bias.html)[] biasRet)            Returns the next visual position to place the caret at from an existing position. |
| static int | **Utilities.**[**getNextWord**](http://docs.google.com/javax/swing/text/Utilities.html#getNextWord(javax.swing.text.JTextComponent,%20int))([JTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.html) c, int offs)            Determines the start of the next word for the given location. |
| static int | **Utilities.**[**getPositionAbove**](http://docs.google.com/javax/swing/text/Utilities.html#getPositionAbove(javax.swing.text.JTextComponent,%20int,%20int))([JTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.html) c, int offs, int x)            Determines the position in the model that is closest to the given view location in the row above. |
| static int | **Utilities.**[**getPositionBelow**](http://docs.google.com/javax/swing/text/Utilities.html#getPositionBelow(javax.swing.text.JTextComponent,%20int,%20int))([JTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.html) c, int offs, int x)            Determines the position in the model that is closest to the given view location in the row below. |
| static int | **Utilities.**[**getPreviousWord**](http://docs.google.com/javax/swing/text/Utilities.html#getPreviousWord(javax.swing.text.JTextComponent,%20int))([JTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.html) c, int offs)            Determine the start of the prev word for the given location. |
| static int | **Utilities.**[**getRowEnd**](http://docs.google.com/javax/swing/text/Utilities.html#getRowEnd(javax.swing.text.JTextComponent,%20int))([JTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.html) c, int offs)            Determines the ending row model position of the row that contains the specified model position. |
| static int | **Utilities.**[**getRowStart**](http://docs.google.com/javax/swing/text/Utilities.html#getRowStart(javax.swing.text.JTextComponent,%20int))([JTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.html) c, int offs)            Determines the starting row model position of the row that contains the specified model position. |
| [String](http://docs.google.com/java/lang/String.html) | **StringContent.**[**getString**](http://docs.google.com/javax/swing/text/StringContent.html#getString(int,%20int))(int where, int len)            Retrieves a portion of the content. |
| [String](http://docs.google.com/java/lang/String.html) | **GapContent.**[**getString**](http://docs.google.com/javax/swing/text/GapContent.html#getString(int,%20int))(int where, int len)            Retrieves a portion of the content. |
| [String](http://docs.google.com/java/lang/String.html) | **AbstractDocument.Content.**[**getString**](http://docs.google.com/javax/swing/text/AbstractDocument.Content.html#getString(int,%20int))(int where, int len)            Fetches a string of characters contained in the sequence. |
| protected  [String](http://docs.google.com/java/lang/String.html) | **AbstractWriter.**[**getText**](http://docs.google.com/javax/swing/text/AbstractWriter.html#getText(javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) elem)            Returns the text associated with the element. |
| [String](http://docs.google.com/java/lang/String.html) | **AbstractDocument.**[**getText**](http://docs.google.com/javax/swing/text/AbstractDocument.html#getText(int,%20int))(int offset, int length)            Gets a sequence of text from the document. |
| [String](http://docs.google.com/java/lang/String.html) | **JTextComponent.**[**getText**](http://docs.google.com/javax/swing/text/JTextComponent.html#getText(int,%20int))(int offs, int len)            Fetches a portion of the text represented by the component. |
| [String](http://docs.google.com/java/lang/String.html) | **Document.**[**getText**](http://docs.google.com/javax/swing/text/Document.html#getText(int,%20int))(int offset, int length)            Fetches the text contained within the given portion of the document. |
| void | **AbstractDocument.**[**getText**](http://docs.google.com/javax/swing/text/AbstractDocument.html#getText(int,%20int,%20javax.swing.text.Segment))(int offset, int length, [Segment](http://docs.google.com/javax/swing/text/Segment.html) txt)            Fetches the text contained within the given portion of the document. |
| void | **Document.**[**getText**](http://docs.google.com/javax/swing/text/Document.html#getText(int,%20int,%20javax.swing.text.Segment))(int offset, int length, [Segment](http://docs.google.com/javax/swing/text/Segment.html) txt)            Fetches the text contained within the given portion of the document. |
| static int | **Utilities.**[**getWordEnd**](http://docs.google.com/javax/swing/text/Utilities.html#getWordEnd(javax.swing.text.JTextComponent,%20int))([JTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.html) c, int offs)            Determines the end of a word for the given location. |
| static int | **Utilities.**[**getWordStart**](http://docs.google.com/javax/swing/text/Utilities.html#getWordStart(javax.swing.text.JTextComponent,%20int))([JTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.html) c, int offs)            Determines the start of a word for the given model location. |
| protected  void | **DefaultStyledDocument.**[**insert**](http://docs.google.com/javax/swing/text/DefaultStyledDocument.html#insert(int,%20javax.swing.text.DefaultStyledDocument.ElementSpec%5B%5D))(int offset, [DefaultStyledDocument.ElementSpec](http://docs.google.com/javax/swing/text/DefaultStyledDocument.ElementSpec.html)[] data)            Inserts new elements in bulk. |
| void | **DocumentFilter.**[**insertString**](http://docs.google.com/javax/swing/text/DocumentFilter.html#insertString(javax.swing.text.DocumentFilter.FilterBypass,%20int,%20java.lang.String,%20javax.swing.text.AttributeSet))([DocumentFilter.FilterBypass](http://docs.google.com/javax/swing/text/DocumentFilter.FilterBypass.html) fb, int offset, [String](http://docs.google.com/java/lang/String.html) string, [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) attr)            Invoked prior to insertion of text into the specified Document. |
| [UndoableEdit](http://docs.google.com/javax/swing/undo/UndoableEdit.html) | **StringContent.**[**insertString**](http://docs.google.com/javax/swing/text/StringContent.html#insertString(int,%20java.lang.String))(int where, [String](http://docs.google.com/java/lang/String.html) str)            Inserts a string into the content. |
| [UndoableEdit](http://docs.google.com/javax/swing/undo/UndoableEdit.html) | **GapContent.**[**insertString**](http://docs.google.com/javax/swing/text/GapContent.html#insertString(int,%20java.lang.String))(int where, [String](http://docs.google.com/java/lang/String.html) str)            Inserts a string into the content. |
| [UndoableEdit](http://docs.google.com/javax/swing/undo/UndoableEdit.html) | **AbstractDocument.Content.**[**insertString**](http://docs.google.com/javax/swing/text/AbstractDocument.Content.html#insertString(int,%20java.lang.String))(int where, [String](http://docs.google.com/java/lang/String.html) str)            Inserts a string of characters into the sequence. |
| void | **PlainDocument.**[**insertString**](http://docs.google.com/javax/swing/text/PlainDocument.html#insertString(int,%20java.lang.String,%20javax.swing.text.AttributeSet))(int offs, [String](http://docs.google.com/java/lang/String.html) str, [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) a)            Inserts some content into the document. |
| void | **AbstractDocument.**[**insertString**](http://docs.google.com/javax/swing/text/AbstractDocument.html#insertString(int,%20java.lang.String,%20javax.swing.text.AttributeSet))(int offs, [String](http://docs.google.com/java/lang/String.html) str, [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) a)            Inserts some content into the document. |
| abstract  void | **DocumentFilter.FilterBypass.**[**insertString**](http://docs.google.com/javax/swing/text/DocumentFilter.FilterBypass.html#insertString(int,%20java.lang.String,%20javax.swing.text.AttributeSet))(int offset, [String](http://docs.google.com/java/lang/String.html) string, [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) attr)            Inserts the specified text, bypassing the DocumentFilter. |
| void | **Document.**[**insertString**](http://docs.google.com/javax/swing/text/Document.html#insertString(int,%20java.lang.String,%20javax.swing.text.AttributeSet))(int offset, [String](http://docs.google.com/java/lang/String.html) str, [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) a)            Inserts a string of content. |
| abstract  [Shape](http://docs.google.com/java/awt/Shape.html) | **GlyphView.GlyphPainter.**[**modelToView**](http://docs.google.com/javax/swing/text/GlyphView.GlyphPainter.html#modelToView(javax.swing.text.GlyphView,%20int,%20javax.swing.text.Position.Bias,%20java.awt.Shape))([GlyphView](http://docs.google.com/javax/swing/text/GlyphView.html) v, int pos, [Position.Bias](http://docs.google.com/javax/swing/text/Position.Bias.html) bias, [Shape](http://docs.google.com/java/awt/Shape.html) a)            Provides a mapping from the document model coordinate space to the coordinate space of the view mapped to it. |
| [Rectangle](http://docs.google.com/java/awt/Rectangle.html) | **JTextComponent.**[**modelToView**](http://docs.google.com/javax/swing/text/JTextComponent.html#modelToView(int))(int pos)            Converts the given location in the model to a place in the view coordinate system. |
| [Shape](http://docs.google.com/java/awt/Shape.html) | **CompositeView.**[**modelToView**](http://docs.google.com/javax/swing/text/CompositeView.html#modelToView(int,%20javax.swing.text.Position.Bias,%20int,%20javax.swing.text.Position.Bias,%20java.awt.Shape))(int p0, [Position.Bias](http://docs.google.com/javax/swing/text/Position.Bias.html) b0, int p1, [Position.Bias](http://docs.google.com/javax/swing/text/Position.Bias.html) b1, [Shape](http://docs.google.com/java/awt/Shape.html) a)            Provides a mapping from the document model coordinate space to the coordinate space of the view mapped to it. |
| [Shape](http://docs.google.com/java/awt/Shape.html) | **View.**[**modelToView**](http://docs.google.com/javax/swing/text/View.html#modelToView(int,%20javax.swing.text.Position.Bias,%20int,%20javax.swing.text.Position.Bias,%20java.awt.Shape))(int p0, [Position.Bias](http://docs.google.com/javax/swing/text/Position.Bias.html) b0, int p1, [Position.Bias](http://docs.google.com/javax/swing/text/Position.Bias.html) b1, [Shape](http://docs.google.com/java/awt/Shape.html) a)            Provides a mapping, for a given region, from the document model coordinate space to the view coordinate space. |
| [Shape](http://docs.google.com/java/awt/Shape.html) | **View.**[**modelToView**](http://docs.google.com/javax/swing/text/View.html#modelToView(int,%20java.awt.Shape))(int pos, [Shape](http://docs.google.com/java/awt/Shape.html) a)  **Deprecated.** |
| [Shape](http://docs.google.com/java/awt/Shape.html) | **PasswordView.**[**modelToView**](http://docs.google.com/javax/swing/text/PasswordView.html#modelToView(int,%20java.awt.Shape,%20javax.swing.text.Position.Bias))(int pos, [Shape](http://docs.google.com/java/awt/Shape.html) a, [Position.Bias](http://docs.google.com/javax/swing/text/Position.Bias.html) b)            Provides a mapping from the document model coordinate space to the coordinate space of the view mapped to it. |
| [Shape](http://docs.google.com/java/awt/Shape.html) | **FieldView.**[**modelToView**](http://docs.google.com/javax/swing/text/FieldView.html#modelToView(int,%20java.awt.Shape,%20javax.swing.text.Position.Bias))(int pos, [Shape](http://docs.google.com/java/awt/Shape.html) a, [Position.Bias](http://docs.google.com/javax/swing/text/Position.Bias.html) b)            Provides a mapping from the document model coordinate space to the coordinate space of the view mapped to it. |
| [Shape](http://docs.google.com/java/awt/Shape.html) | **AsyncBoxView.**[**modelToView**](http://docs.google.com/javax/swing/text/AsyncBoxView.html#modelToView(int,%20java.awt.Shape,%20javax.swing.text.Position.Bias))(int pos, [Shape](http://docs.google.com/java/awt/Shape.html) a, [Position.Bias](http://docs.google.com/javax/swing/text/Position.Bias.html) b)            Provides a mapping from the document model coordinate space to the coordinate space of the view mapped to it. |
| [Shape](http://docs.google.com/java/awt/Shape.html) | **PlainView.**[**modelToView**](http://docs.google.com/javax/swing/text/PlainView.html#modelToView(int,%20java.awt.Shape,%20javax.swing.text.Position.Bias))(int pos, [Shape](http://docs.google.com/java/awt/Shape.html) a, [Position.Bias](http://docs.google.com/javax/swing/text/Position.Bias.html) b)            Provides a mapping from the document model coordinate space to the coordinate space of the view mapped to it. |
| [Shape](http://docs.google.com/java/awt/Shape.html) | **IconView.**[**modelToView**](http://docs.google.com/javax/swing/text/IconView.html#modelToView(int,%20java.awt.Shape,%20javax.swing.text.Position.Bias))(int pos, [Shape](http://docs.google.com/java/awt/Shape.html) a, [Position.Bias](http://docs.google.com/javax/swing/text/Position.Bias.html) b)            Provides a mapping from the document model coordinate space to the coordinate space of the view mapped to it. |
| [Shape](http://docs.google.com/java/awt/Shape.html) | **BoxView.**[**modelToView**](http://docs.google.com/javax/swing/text/BoxView.html#modelToView(int,%20java.awt.Shape,%20javax.swing.text.Position.Bias))(int pos, [Shape](http://docs.google.com/java/awt/Shape.html) a, [Position.Bias](http://docs.google.com/javax/swing/text/Position.Bias.html) b)            Provides a mapping from the document model coordinate space to the coordinate space of the view mapped to it. |
| [Shape](http://docs.google.com/java/awt/Shape.html) | **ComponentView.**[**modelToView**](http://docs.google.com/javax/swing/text/ComponentView.html#modelToView(int,%20java.awt.Shape,%20javax.swing.text.Position.Bias))(int pos, [Shape](http://docs.google.com/java/awt/Shape.html) a, [Position.Bias](http://docs.google.com/javax/swing/text/Position.Bias.html) b)            Provides a mapping from the coordinate space of the model to that of the view. |
| [Shape](http://docs.google.com/java/awt/Shape.html) | **GlyphView.**[**modelToView**](http://docs.google.com/javax/swing/text/GlyphView.html#modelToView(int,%20java.awt.Shape,%20javax.swing.text.Position.Bias))(int pos, [Shape](http://docs.google.com/java/awt/Shape.html) a, [Position.Bias](http://docs.google.com/javax/swing/text/Position.Bias.html) b)            Provides a mapping from the document model coordinate space to the coordinate space of the view mapped to it. |
| [Shape](http://docs.google.com/java/awt/Shape.html) | **CompositeView.**[**modelToView**](http://docs.google.com/javax/swing/text/CompositeView.html#modelToView(int,%20java.awt.Shape,%20javax.swing.text.Position.Bias))(int pos, [Shape](http://docs.google.com/java/awt/Shape.html) a, [Position.Bias](http://docs.google.com/javax/swing/text/Position.Bias.html) b)            Provides a mapping from the document model coordinate space to the coordinate space of the view mapped to it. |
| abstract  [Shape](http://docs.google.com/java/awt/Shape.html) | **View.**[**modelToView**](http://docs.google.com/javax/swing/text/View.html#modelToView(int,%20java.awt.Shape,%20javax.swing.text.Position.Bias))(int pos, [Shape](http://docs.google.com/java/awt/Shape.html) a, [Position.Bias](http://docs.google.com/javax/swing/text/Position.Bias.html) b)            Provides a mapping, for a given character, from the document model coordinate space to the view coordinate space. |
| 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 | **DocumentFilter.**[**remove**](http://docs.google.com/javax/swing/text/DocumentFilter.html#remove(javax.swing.text.DocumentFilter.FilterBypass,%20int,%20int))([DocumentFilter.FilterBypass](http://docs.google.com/javax/swing/text/DocumentFilter.FilterBypass.html) fb, int offset, int length)            Invoked prior to removal of the specified region in the specified Document. |
| [UndoableEdit](http://docs.google.com/javax/swing/undo/UndoableEdit.html) | **StringContent.**[**remove**](http://docs.google.com/javax/swing/text/StringContent.html#remove(int,%20int))(int where, int nitems)            Removes part of the content. |
| [UndoableEdit](http://docs.google.com/javax/swing/undo/UndoableEdit.html) | **GapContent.**[**remove**](http://docs.google.com/javax/swing/text/GapContent.html#remove(int,%20int))(int where, int nitems)            Removes part of the content. |
| void | **AbstractDocument.**[**remove**](http://docs.google.com/javax/swing/text/AbstractDocument.html#remove(int,%20int))(int offs, int len)            Removes some content from the document. |
| [UndoableEdit](http://docs.google.com/javax/swing/undo/UndoableEdit.html) | **AbstractDocument.Content.**[**remove**](http://docs.google.com/javax/swing/text/AbstractDocument.Content.html#remove(int,%20int))(int where, int nitems)            Removes some portion of the sequence. |
| abstract  void | **DocumentFilter.FilterBypass.**[**remove**](http://docs.google.com/javax/swing/text/DocumentFilter.FilterBypass.html#remove(int,%20int))(int offset, int length)            Removes the specified region of text, bypassing the DocumentFilter. |
| void | **Document.**[**remove**](http://docs.google.com/javax/swing/text/Document.html#remove(int,%20int))(int offs, int len)            Removes a portion of the content of the document. |
| void | **DocumentFilter.**[**replace**](http://docs.google.com/javax/swing/text/DocumentFilter.html#replace(javax.swing.text.DocumentFilter.FilterBypass,%20int,%20int,%20java.lang.String,%20javax.swing.text.AttributeSet))([DocumentFilter.FilterBypass](http://docs.google.com/javax/swing/text/DocumentFilter.FilterBypass.html) fb, int offset, int length, [String](http://docs.google.com/java/lang/String.html) text, [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) attrs)            Invoked prior to replacing a region of text in the specified Document. |
| void | **AbstractDocument.**[**replace**](http://docs.google.com/javax/swing/text/AbstractDocument.html#replace(int,%20int,%20java.lang.String,%20javax.swing.text.AttributeSet))(int offset, int length, [String](http://docs.google.com/java/lang/String.html) text, [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) attrs)            Deletes the region of text from offset to offset + length, and replaces it with text. |
| abstract  void | **DocumentFilter.FilterBypass.**[**replace**](http://docs.google.com/javax/swing/text/DocumentFilter.FilterBypass.html#replace(int,%20int,%20java.lang.String,%20javax.swing.text.AttributeSet))(int offset, int length, [String](http://docs.google.com/java/lang/String.html) string, [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) attrs)            Deletes the region of text from offset to offset + length, and replaces it with text. |
| protected  void | **AbstractWriter.**[**text**](http://docs.google.com/javax/swing/text/AbstractWriter.html#text(javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) elem)            Writes out text. |
| protected abstract  void | **AbstractWriter.**[**write**](http://docs.google.com/javax/swing/text/AbstractWriter.html#write())()            This abstract method needs to be implemented by subclasses. |
| 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. |

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

| Methods in [javax.swing.text.html](http://docs.google.com/javax/swing/text/html/package-summary.html) that throw [BadLocationException](http://docs.google.com/javax/swing/text/BadLocationException.html) | |
| --- | --- |
| protected  void | **HTMLWriter.**[**comment**](http://docs.google.com/javax/swing/text/html/HTMLWriter.html#comment(javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) elem)            Writes out comments. |
| protected  void | **HTMLWriter.**[**emptyTag**](http://docs.google.com/javax/swing/text/html/HTMLWriter.html#emptyTag(javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) elem)            Writes out all empty elements (all tags that have no corresponding end tag). |
| void | **HTMLEditorKit.ParserCallback.**[**flush**](http://docs.google.com/javax/swing/text/html/HTMLEditorKit.ParserCallback.html#flush())() |
| void | **HTMLDocument.HTMLReader.**[**flush**](http://docs.google.com/javax/swing/text/html/HTMLDocument.HTMLReader.html#flush())()            The last method called on the reader. |
| protected  void | **HTMLDocument.**[**insert**](http://docs.google.com/javax/swing/text/html/HTMLDocument.html#insert(int,%20javax.swing.text.DefaultStyledDocument.ElementSpec%5B%5D))(int offset, [DefaultStyledDocument.ElementSpec](http://docs.google.com/javax/swing/text/DefaultStyledDocument.ElementSpec.html)[] data)            Inserts new elements in bulk. |
| void | **HTMLDocument.**[**insertAfterEnd**](http://docs.google.com/javax/swing/text/html/HTMLDocument.html#insertAfterEnd(javax.swing.text.Element,%20java.lang.String))([Element](http://docs.google.com/javax/swing/text/Element.html) elem, [String](http://docs.google.com/java/lang/String.html) htmlText)            Inserts the HTML specified as a string after the the end of the given element. |
| void | **HTMLDocument.**[**insertAfterStart**](http://docs.google.com/javax/swing/text/html/HTMLDocument.html#insertAfterStart(javax.swing.text.Element,%20java.lang.String))([Element](http://docs.google.com/javax/swing/text/Element.html) elem, [String](http://docs.google.com/java/lang/String.html) htmlText)            Inserts the HTML specified as a string at the start of the element. |
| void | **HTMLDocument.**[**insertBeforeEnd**](http://docs.google.com/javax/swing/text/html/HTMLDocument.html#insertBeforeEnd(javax.swing.text.Element,%20java.lang.String))([Element](http://docs.google.com/javax/swing/text/Element.html) elem, [String](http://docs.google.com/java/lang/String.html) htmlText)            Inserts the HTML specified as a string at the end of the element. |
| void | **HTMLDocument.**[**insertBeforeStart**](http://docs.google.com/javax/swing/text/html/HTMLDocument.html#insertBeforeStart(javax.swing.text.Element,%20java.lang.String))([Element](http://docs.google.com/javax/swing/text/Element.html) elem, [String](http://docs.google.com/java/lang/String.html) htmlText)            Inserts the HTML specified as a string before the start of the given element. |
| void | **HTMLEditorKit.**[**insertHTML**](http://docs.google.com/javax/swing/text/html/HTMLEditorKit.html#insertHTML(javax.swing.text.html.HTMLDocument,%20int,%20java.lang.String,%20int,%20int,%20javax.swing.text.html.HTML.Tag))([HTMLDocument](http://docs.google.com/javax/swing/text/html/HTMLDocument.html) doc, int offset, [String](http://docs.google.com/java/lang/String.html) html, int popDepth, int pushDepth, [HTML.Tag](http://docs.google.com/javax/swing/text/html/HTML.Tag.html) insertTag)            Inserts HTML into an existing document. |
| [Shape](http://docs.google.com/java/awt/Shape.html) | **ImageView.**[**modelToView**](http://docs.google.com/javax/swing/text/html/ImageView.html#modelToView(int,%20java.awt.Shape,%20javax.swing.text.Position.Bias))(int pos, [Shape](http://docs.google.com/java/awt/Shape.html) a, [Position.Bias](http://docs.google.com/javax/swing/text/Position.Bias.html) b)            Provides a mapping from the document model coordinate space to the coordinate space of the view mapped to it. |
| 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 | **HTMLDocument.**[**setInnerHTML**](http://docs.google.com/javax/swing/text/html/HTMLDocument.html#setInnerHTML(javax.swing.text.Element,%20java.lang.String))([Element](http://docs.google.com/javax/swing/text/Element.html) elem, [String](http://docs.google.com/java/lang/String.html) htmlText)            Replaces the children of the given element with the contents specified as an HTML string. |
| void | **HTMLDocument.**[**setOuterHTML**](http://docs.google.com/javax/swing/text/html/HTMLDocument.html#setOuterHTML(javax.swing.text.Element,%20java.lang.String))([Element](http://docs.google.com/javax/swing/text/Element.html) elem, [String](http://docs.google.com/java/lang/String.html) htmlText)            Replaces the given element in the parent with the contents specified as an HTML string. |
| protected  void | **HTMLWriter.**[**startTag**](http://docs.google.com/javax/swing/text/html/HTMLWriter.html#startTag(javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) elem)            Writes out a start tag for the element. |
| protected  void | **HTMLWriter.**[**text**](http://docs.google.com/javax/swing/text/html/HTMLWriter.html#text(javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) elem)            Writes out text. |
| protected  void | **MinimalHTMLWriter.**[**text**](http://docs.google.com/javax/swing/text/html/MinimalHTMLWriter.html#text(javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) elem)            Writes out text. |
| protected  void | **HTMLWriter.**[**textAreaContent**](http://docs.google.com/javax/swing/text/html/HTMLWriter.html#textAreaContent(javax.swing.text.AttributeSet))([AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) attr)            Writes out text that is contained in a TEXTAREA form element. |
| void | **HTMLWriter.**[**write**](http://docs.google.com/javax/swing/text/html/HTMLWriter.html#write())()            Iterates over the Element tree and controls the writing out of all the tags and its attributes. |
| void | **MinimalHTMLWriter.**[**write**](http://docs.google.com/javax/swing/text/html/MinimalHTMLWriter.html#write())()            Generates HTML output from a StyledDocument. |
| 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. |
| protected  void | **MinimalHTMLWriter.**[**writeBody**](http://docs.google.com/javax/swing/text/html/MinimalHTMLWriter.html#writeBody())()            Iterates over the elements in the document and processes elements based on whether they are branch elements or leaf elements. |
| protected  void | **MinimalHTMLWriter.**[**writeContent**](http://docs.google.com/javax/swing/text/html/MinimalHTMLWriter.html#writeContent(javax.swing.text.Element,%20boolean))([Element](http://docs.google.com/javax/swing/text/Element.html) elem, boolean needsIndenting)            Writes out the attribute set in an HTML-compliant manner. |

| Uses of [BadLocationException](http://docs.google.com/javax/swing/text/BadLocationException.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) that throw [BadLocationException](http://docs.google.com/javax/swing/text/BadLocationException.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/BadLocationException.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-useBadLocationException.html)    [**NO FRAMES**](http://docs.google.com/BadLocationException.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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