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

**Uses of Interface**

**javax.swing.text.Element**

| Packages that use [Element](http://docs.google.com/javax/swing/text/Element.html) | |
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| [**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.plaf.basic**](#tyjcwt) | Provides user interface objects built according to the Basic look and feel. |
| [**javax.swing.text**](#3dy6vkm) | Provides classes and interfaces that deal with editable and noneditable text components. |
| [**javax.swing.text.html**](#1t3h5sf) | Provides the class HTMLEditorKit and supporting classes for creating HTML text editors. |

| Uses of [Element](http://docs.google.com/javax/swing/text/Element.html) in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) | |
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| Constructors in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) with parameters of type [Element](http://docs.google.com/javax/swing/text/Element.html) | |
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| [**JEditorPane.JEditorPaneAccessibleHypertextSupport.HTMLLink**](http://docs.google.com/javax/swing/JEditorPane.JEditorPaneAccessibleHypertextSupport.HTMLLink.html#JEditorPane.JEditorPaneAccessibleHypertextSupport.HTMLLink(javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) e) |

| Uses of [Element](http://docs.google.com/javax/swing/text/Element.html) in [javax.swing.event](http://docs.google.com/javax/swing/event/package-summary.html) | |
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| Methods in [javax.swing.event](http://docs.google.com/javax/swing/event/package-summary.html) that return [Element](http://docs.google.com/javax/swing/text/Element.html) | |
| --- | --- |
| [Element](http://docs.google.com/javax/swing/text/Element.html)[] | **DocumentEvent.ElementChange.**[**getChildrenAdded**](http://docs.google.com/javax/swing/event/DocumentEvent.ElementChange.html#getChildrenAdded())()            Gets the child elements that were added to the given parent element. |
| [Element](http://docs.google.com/javax/swing/text/Element.html)[] | **DocumentEvent.ElementChange.**[**getChildrenRemoved**](http://docs.google.com/javax/swing/event/DocumentEvent.ElementChange.html#getChildrenRemoved())()            Gets the child elements that were removed from the given parent element. |
| [Element](http://docs.google.com/javax/swing/text/Element.html) | **DocumentEvent.ElementChange.**[**getElement**](http://docs.google.com/javax/swing/event/DocumentEvent.ElementChange.html#getElement())()            Returns the element represented. |
| [Element](http://docs.google.com/javax/swing/text/Element.html) | **HyperlinkEvent.**[**getSourceElement**](http://docs.google.com/javax/swing/event/HyperlinkEvent.html#getSourceElement())()            Returns the Element that corresponds to the source of the event. |

| Methods in [javax.swing.event](http://docs.google.com/javax/swing/event/package-summary.html) with parameters of type [Element](http://docs.google.com/javax/swing/text/Element.html) | |
| --- | --- |
| [DocumentEvent.ElementChange](http://docs.google.com/javax/swing/event/DocumentEvent.ElementChange.html) | **DocumentEvent.**[**getChange**](http://docs.google.com/javax/swing/event/DocumentEvent.html#getChange(javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) elem)            Gets the change information for the given element. |

| Constructors in [javax.swing.event](http://docs.google.com/javax/swing/event/package-summary.html) with parameters of type [Element](http://docs.google.com/javax/swing/text/Element.html) | |
| --- | --- |
| [**HyperlinkEvent**](http://docs.google.com/javax/swing/event/HyperlinkEvent.html#HyperlinkEvent(java.lang.Object,%20javax.swing.event.HyperlinkEvent.EventType,%20java.net.URL,%20java.lang.String,%20javax.swing.text.Element))([Object](http://docs.google.com/java/lang/Object.html) source, [HyperlinkEvent.EventType](http://docs.google.com/javax/swing/event/HyperlinkEvent.EventType.html) type, [URL](http://docs.google.com/java/net/URL.html) u, [String](http://docs.google.com/java/lang/String.html) desc, [Element](http://docs.google.com/javax/swing/text/Element.html) sourceElement)            Creates a new object representing a hypertext link event. |

| Uses of [Element](http://docs.google.com/javax/swing/text/Element.html) in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) | |
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| Methods in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) with parameters of type [Element](http://docs.google.com/javax/swing/text/Element.html) | |
| --- | --- |
| [View](http://docs.google.com/javax/swing/text/View.html) | **BasicPasswordFieldUI.**[**create**](http://docs.google.com/javax/swing/plaf/basic/BasicPasswordFieldUI.html#create(javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) elem)            Creates a view (PasswordView) for an element. |
| [View](http://docs.google.com/javax/swing/text/View.html) | **BasicTextAreaUI.**[**create**](http://docs.google.com/javax/swing/plaf/basic/BasicTextAreaUI.html#create(javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) elem)            Creates the view for an element. |
| [View](http://docs.google.com/javax/swing/text/View.html) | **BasicTextFieldUI.**[**create**](http://docs.google.com/javax/swing/plaf/basic/BasicTextFieldUI.html#create(javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) elem)            Creates a view (FieldView) based on an element. |
| [View](http://docs.google.com/javax/swing/text/View.html) | **BasicTextUI.**[**create**](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#create(javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) elem)            Creates a view for an element. |
| [View](http://docs.google.com/javax/swing/text/View.html) | **BasicTextUI.**[**create**](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#create(javax.swing.text.Element,%20int,%20int))([Element](http://docs.google.com/javax/swing/text/Element.html) elem, int p0, int p1)            Creates a view for an element. |

| Uses of [Element](http://docs.google.com/javax/swing/text/Element.html) in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) | |
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| Classes in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) that implement [Element](http://docs.google.com/javax/swing/text/Element.html) | |
| --- | --- |
| class | [**AbstractDocument.AbstractElement**](http://docs.google.com/javax/swing/text/AbstractDocument.AbstractElement.html)            Implements the abstract part of an element. |
| class | [**AbstractDocument.BranchElement**](http://docs.google.com/javax/swing/text/AbstractDocument.BranchElement.html)            Implements a composite element that contains other elements. |
| class | [**AbstractDocument.LeafElement**](http://docs.google.com/javax/swing/text/AbstractDocument.LeafElement.html)            Implements an element that directly represents content of some kind. |
| protected  class | [**DefaultStyledDocument.SectionElement**](http://docs.google.com/javax/swing/text/DefaultStyledDocument.SectionElement.html)            Default root element for a document... |

| Fields in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) declared as [Element](http://docs.google.com/javax/swing/text/Element.html) | |
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| protected  [Element](http://docs.google.com/javax/swing/text/Element.html) | **DefaultStyledDocument.AttributeUndoableEdit.**[**element**](http://docs.google.com/javax/swing/text/DefaultStyledDocument.AttributeUndoableEdit.html#element) |

| Methods in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) that return [Element](http://docs.google.com/javax/swing/text/Element.html) | |
| --- | --- |
| [Element](http://docs.google.com/javax/swing/text/Element.html) | **DefaultStyledDocument.ElementBuffer.**[**clone**](http://docs.google.com/javax/swing/text/DefaultStyledDocument.ElementBuffer.html#clone(javax.swing.text.Element,%20javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) parent, [Element](http://docs.google.com/javax/swing/text/Element.html) clonee)            Creates a copy of this element, with a different parent. |
| protected  [Element](http://docs.google.com/javax/swing/text/Element.html) | **AbstractDocument.**[**createBranchElement**](http://docs.google.com/javax/swing/text/AbstractDocument.html#createBranchElement(javax.swing.text.Element,%20javax.swing.text.AttributeSet))([Element](http://docs.google.com/javax/swing/text/Element.html) parent, [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) a)            Creates a document branch element, that can contain other elements. |
| protected  [Element](http://docs.google.com/javax/swing/text/Element.html) | **AbstractDocument.**[**createLeafElement**](http://docs.google.com/javax/swing/text/AbstractDocument.html#createLeafElement(javax.swing.text.Element,%20javax.swing.text.AttributeSet,%20int,%20int))([Element](http://docs.google.com/javax/swing/text/Element.html) parent, [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) a, int p0, int p1)            Creates a document leaf element. |
| [Element](http://docs.google.com/javax/swing/text/Element.html) | **ElementIterator.**[**current**](http://docs.google.com/javax/swing/text/ElementIterator.html#current())()            Fetches the current Element. |
| [Element](http://docs.google.com/javax/swing/text/Element.html) | **ElementIterator.**[**first**](http://docs.google.com/javax/swing/text/ElementIterator.html#first())()            Fetches the first element. |
| [Element](http://docs.google.com/javax/swing/text/Element.html) | **AbstractDocument.**[**getBidiRootElement**](http://docs.google.com/javax/swing/text/AbstractDocument.html#getBidiRootElement())()            Returns the root element of the bidirectional structure for this document. |
| [Element](http://docs.google.com/javax/swing/text/Element.html) | **StyledEditorKit.**[**getCharacterAttributeRun**](http://docs.google.com/javax/swing/text/StyledEditorKit.html#getCharacterAttributeRun())()            Fetches the element representing the current run of character attributes for the caret. |
| [Element](http://docs.google.com/javax/swing/text/Element.html) | **DefaultStyledDocument.**[**getCharacterElement**](http://docs.google.com/javax/swing/text/DefaultStyledDocument.html#getCharacterElement(int))(int pos)            Gets a character element based on a position. |
| [Element](http://docs.google.com/javax/swing/text/Element.html) | **StyledDocument.**[**getCharacterElement**](http://docs.google.com/javax/swing/text/StyledDocument.html#getCharacterElement(int))(int pos)            Gets the element that represents the character that is at the given offset within the document. |
| [Element](http://docs.google.com/javax/swing/text/Element.html)[] | **AbstractDocument.ElementEdit.**[**getChildrenAdded**](http://docs.google.com/javax/swing/text/AbstractDocument.ElementEdit.html#getChildrenAdded())()            Gets a list of children that were added. |
| [Element](http://docs.google.com/javax/swing/text/Element.html)[] | **AbstractDocument.ElementEdit.**[**getChildrenRemoved**](http://docs.google.com/javax/swing/text/AbstractDocument.ElementEdit.html#getChildrenRemoved())()            Gets a list of children that were removed. |
| [Element](http://docs.google.com/javax/swing/text/Element.html) | **PlainDocument.**[**getDefaultRootElement**](http://docs.google.com/javax/swing/text/PlainDocument.html#getDefaultRootElement())()            Gets the default root element for the document model. |
| [Element](http://docs.google.com/javax/swing/text/Element.html) | **DefaultStyledDocument.**[**getDefaultRootElement**](http://docs.google.com/javax/swing/text/DefaultStyledDocument.html#getDefaultRootElement())()            Gets the default root element. |
| abstract  [Element](http://docs.google.com/javax/swing/text/Element.html) | **AbstractDocument.**[**getDefaultRootElement**](http://docs.google.com/javax/swing/text/AbstractDocument.html#getDefaultRootElement())()            Returns the root element that views should be based upon unless some other mechanism for assigning views to element structures is provided. |
| [Element](http://docs.google.com/javax/swing/text/Element.html) | **Document.**[**getDefaultRootElement**](http://docs.google.com/javax/swing/text/Document.html#getDefaultRootElement())()            Returns the root element that views should be based upon, unless some other mechanism for assigning views to element structures is provided. |
| [Element](http://docs.google.com/javax/swing/text/Element.html) | **AbstractDocument.ElementEdit.**[**getElement**](http://docs.google.com/javax/swing/text/AbstractDocument.ElementEdit.html#getElement())()            Returns the underlying element. |
| [Element](http://docs.google.com/javax/swing/text/Element.html) | **View.**[**getElement**](http://docs.google.com/javax/swing/text/View.html#getElement())()            Fetches the structural portion of the subject that this view is mapped to. |
| abstract  [Element](http://docs.google.com/javax/swing/text/Element.html) | **AbstractDocument.AbstractElement.**[**getElement**](http://docs.google.com/javax/swing/text/AbstractDocument.AbstractElement.html#getElement(int))(int index)            Gets a child element. |
| [Element](http://docs.google.com/javax/swing/text/Element.html) | **AbstractDocument.BranchElement.**[**getElement**](http://docs.google.com/javax/swing/text/AbstractDocument.BranchElement.html#getElement(int))(int index)            Gets a child element. |
| [Element](http://docs.google.com/javax/swing/text/Element.html) | **AbstractDocument.LeafElement.**[**getElement**](http://docs.google.com/javax/swing/text/AbstractDocument.LeafElement.html#getElement(int))(int index)            Gets a child element. |
| [Element](http://docs.google.com/javax/swing/text/Element.html) | **Element.**[**getElement**](http://docs.google.com/javax/swing/text/Element.html#getElement(int))(int index)            Fetches the child element at the given index. |
| [Element](http://docs.google.com/javax/swing/text/Element.html) | **PlainDocument.**[**getParagraphElement**](http://docs.google.com/javax/swing/text/PlainDocument.html#getParagraphElement(int))(int pos)            Get the paragraph element containing the given position. |
| [Element](http://docs.google.com/javax/swing/text/Element.html) | **DefaultStyledDocument.**[**getParagraphElement**](http://docs.google.com/javax/swing/text/DefaultStyledDocument.html#getParagraphElement(int))(int pos)            Gets the paragraph element at the offset pos. |
| abstract  [Element](http://docs.google.com/javax/swing/text/Element.html) | **AbstractDocument.**[**getParagraphElement**](http://docs.google.com/javax/swing/text/AbstractDocument.html#getParagraphElement(int))(int pos)            Get the paragraph element containing the given position. |
| [Element](http://docs.google.com/javax/swing/text/Element.html) | **StyledDocument.**[**getParagraphElement**](http://docs.google.com/javax/swing/text/StyledDocument.html#getParagraphElement(int))(int pos)            Gets the element that represents the paragraph that encloses the given offset within the document. |
| static [Element](http://docs.google.com/javax/swing/text/Element.html) | **Utilities.**[**getParagraphElement**](http://docs.google.com/javax/swing/text/Utilities.html#getParagraphElement(javax.swing.text.JTextComponent,%20int))([JTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.html) c, int offs)            Determines the element to use for a paragraph/line. |
| [Element](http://docs.google.com/javax/swing/text/Element.html) | **AbstractDocument.AbstractElement.**[**getParentElement**](http://docs.google.com/javax/swing/text/AbstractDocument.AbstractElement.html#getParentElement())()            Gets the parent of the element. |
| [Element](http://docs.google.com/javax/swing/text/Element.html) | **Element.**[**getParentElement**](http://docs.google.com/javax/swing/text/Element.html#getParentElement())()            Fetches the parent element. |
| [Element](http://docs.google.com/javax/swing/text/Element.html) | **DefaultStyledDocument.ElementBuffer.**[**getRootElement**](http://docs.google.com/javax/swing/text/DefaultStyledDocument.ElementBuffer.html#getRootElement())()            Gets the root element. |
| [Element](http://docs.google.com/javax/swing/text/Element.html)[] | **AbstractDocument.**[**getRootElements**](http://docs.google.com/javax/swing/text/AbstractDocument.html#getRootElements())()            Gets all root elements defined. |
| [Element](http://docs.google.com/javax/swing/text/Element.html)[] | **Document.**[**getRootElements**](http://docs.google.com/javax/swing/text/Document.html#getRootElements())()            Returns all of the root elements that are defined. |
| [Element](http://docs.google.com/javax/swing/text/Element.html) | **ElementIterator.**[**next**](http://docs.google.com/javax/swing/text/ElementIterator.html#next())()            Fetches the next Element. |
| [Element](http://docs.google.com/javax/swing/text/Element.html) | **AbstractDocument.BranchElement.**[**positionToElement**](http://docs.google.com/javax/swing/text/AbstractDocument.BranchElement.html#positionToElement(int))(int pos)            Gets the child element that contains the given model position. |
| [Element](http://docs.google.com/javax/swing/text/Element.html) | **ElementIterator.**[**previous**](http://docs.google.com/javax/swing/text/ElementIterator.html#previous())()            Fetches the previous Element. |

| Methods in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) with parameters of type [Element](http://docs.google.com/javax/swing/text/Element.html) | |
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| [Element](http://docs.google.com/javax/swing/text/Element.html) | **DefaultStyledDocument.ElementBuffer.**[**clone**](http://docs.google.com/javax/swing/text/DefaultStyledDocument.ElementBuffer.html#clone(javax.swing.text.Element,%20javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) parent, [Element](http://docs.google.com/javax/swing/text/Element.html) clonee)            Creates a copy of this element, with a different parent. |
| [View](http://docs.google.com/javax/swing/text/View.html) | **ViewFactory.**[**create**](http://docs.google.com/javax/swing/text/ViewFactory.html#create(javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) elem)            Creates a view from the given structural element of a document. |
| protected  [Element](http://docs.google.com/javax/swing/text/Element.html) | **AbstractDocument.**[**createBranchElement**](http://docs.google.com/javax/swing/text/AbstractDocument.html#createBranchElement(javax.swing.text.Element,%20javax.swing.text.AttributeSet))([Element](http://docs.google.com/javax/swing/text/Element.html) parent, [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) a)            Creates a document branch element, that can contain other elements. |
| protected  void | **StyledEditorKit.**[**createInputAttributes**](http://docs.google.com/javax/swing/text/StyledEditorKit.html#createInputAttributes(javax.swing.text.Element,%20javax.swing.text.MutableAttributeSet))([Element](http://docs.google.com/javax/swing/text/Element.html) element, [MutableAttributeSet](http://docs.google.com/javax/swing/text/MutableAttributeSet.html) set)            Copies the key/values in elements AttributeSet into set. |
| protected  [Element](http://docs.google.com/javax/swing/text/Element.html) | **AbstractDocument.**[**createLeafElement**](http://docs.google.com/javax/swing/text/AbstractDocument.html#createLeafElement(javax.swing.text.Element,%20javax.swing.text.AttributeSet,%20int,%20int))([Element](http://docs.google.com/javax/swing/text/Element.html) parent, [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) a, int p0, int p1)            Creates a document leaf element. |
| protected  [TableView.TableCell](http://docs.google.com/javax/swing/text/TableView.TableCell.html) | **TableView.**[**createTableCell**](http://docs.google.com/javax/swing/text/TableView.html#createTableCell(javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) elem)  **Deprecated.** *Table cells can now be any arbitrary View implementation and should be produced by the ViewFactory rather than the table.* |
| protected  [TableView.TableRow](http://docs.google.com/javax/swing/text/TableView.TableRow.html) | **TableView.**[**createTableRow**](http://docs.google.com/javax/swing/text/TableView.html#createTableRow(javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) elem)            Creates a new table row. |
| [DocumentEvent.ElementChange](http://docs.google.com/javax/swing/event/DocumentEvent.ElementChange.html) | **AbstractDocument.DefaultDocumentEvent.**[**getChange**](http://docs.google.com/javax/swing/text/AbstractDocument.DefaultDocumentEvent.html#getChange(javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) elem)            Gets the changes for an element. |
| 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. |
| protected  boolean | **AbstractWriter.**[**inRange**](http://docs.google.com/javax/swing/text/AbstractWriter.html#inRange(javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) next)            This method determines whether the current element is in the range specified. |
| void | **AbstractDocument.BranchElement.**[**replace**](http://docs.google.com/javax/swing/text/AbstractDocument.BranchElement.html#replace(int,%20int,%20javax.swing.text.Element%5B%5D))(int offset, int length, [Element](http://docs.google.com/javax/swing/text/Element.html)[] elems)            Replaces content with a new set of elements. |
| 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. |

| Constructors in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) with parameters of type [Element](http://docs.google.com/javax/swing/text/Element.html) | |
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| [**AbstractDocument.AbstractElement**](http://docs.google.com/javax/swing/text/AbstractDocument.AbstractElement.html#AbstractDocument.AbstractElement(javax.swing.text.Element,%20javax.swing.text.AttributeSet))([Element](http://docs.google.com/javax/swing/text/Element.html) parent, [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) a)            Creates a new AbstractElement. |
| [**AbstractDocument.BranchElement**](http://docs.google.com/javax/swing/text/AbstractDocument.BranchElement.html#AbstractDocument.BranchElement(javax.swing.text.Element,%20javax.swing.text.AttributeSet))([Element](http://docs.google.com/javax/swing/text/Element.html) parent, [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) a)            Constructs a composite element that initially contains no children. |
| [**AbstractDocument.ElementEdit**](http://docs.google.com/javax/swing/text/AbstractDocument.ElementEdit.html#AbstractDocument.ElementEdit(javax.swing.text.Element,%20int,%20javax.swing.text.Element%5B%5D,%20javax.swing.text.Element%5B%5D))([Element](http://docs.google.com/javax/swing/text/Element.html) e, int index, [Element](http://docs.google.com/javax/swing/text/Element.html)[] removed, [Element](http://docs.google.com/javax/swing/text/Element.html)[] added)            Constructs an edit record. |
| [**AbstractDocument.ElementEdit**](http://docs.google.com/javax/swing/text/AbstractDocument.ElementEdit.html#AbstractDocument.ElementEdit(javax.swing.text.Element,%20int,%20javax.swing.text.Element%5B%5D,%20javax.swing.text.Element%5B%5D))([Element](http://docs.google.com/javax/swing/text/Element.html) e, int index, [Element](http://docs.google.com/javax/swing/text/Element.html)[] removed, [Element](http://docs.google.com/javax/swing/text/Element.html)[] added)            Constructs an edit record. |
| [**AbstractDocument.ElementEdit**](http://docs.google.com/javax/swing/text/AbstractDocument.ElementEdit.html#AbstractDocument.ElementEdit(javax.swing.text.Element,%20int,%20javax.swing.text.Element%5B%5D,%20javax.swing.text.Element%5B%5D))([Element](http://docs.google.com/javax/swing/text/Element.html) e, int index, [Element](http://docs.google.com/javax/swing/text/Element.html)[] removed, [Element](http://docs.google.com/javax/swing/text/Element.html)[] added)            Constructs an edit record. |
| [**AbstractDocument.LeafElement**](http://docs.google.com/javax/swing/text/AbstractDocument.LeafElement.html#AbstractDocument.LeafElement(javax.swing.text.Element,%20javax.swing.text.AttributeSet,%20int,%20int))([Element](http://docs.google.com/javax/swing/text/Element.html) parent, [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) a, int offs0, int offs1)            Constructs an element that represents content within the document (has no children). |
| [**AbstractWriter**](http://docs.google.com/javax/swing/text/AbstractWriter.html#AbstractWriter(java.io.Writer,%20javax.swing.text.Element))([Writer](http://docs.google.com/java/io/Writer.html) w, [Element](http://docs.google.com/javax/swing/text/Element.html) root)            Creates a new AbstractWriter. |
| [**AbstractWriter**](http://docs.google.com/javax/swing/text/AbstractWriter.html#AbstractWriter(java.io.Writer,%20javax.swing.text.Element,%20int,%20int))([Writer](http://docs.google.com/java/io/Writer.html) w, [Element](http://docs.google.com/javax/swing/text/Element.html) root, int pos, int len)            Creates a new AbstractWriter. |
| [**AsyncBoxView**](http://docs.google.com/javax/swing/text/AsyncBoxView.html#AsyncBoxView(javax.swing.text.Element,%20int))([Element](http://docs.google.com/javax/swing/text/Element.html) elem, int axis)            Construct a box view that does asynchronous layout. |
| [**BoxView**](http://docs.google.com/javax/swing/text/BoxView.html#BoxView(javax.swing.text.Element,%20int))([Element](http://docs.google.com/javax/swing/text/Element.html) elem, int axis)            Constructs a BoxView. |
| [**ComponentView**](http://docs.google.com/javax/swing/text/ComponentView.html#ComponentView(javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) elem)            Creates a new ComponentView object. |
| [**CompositeView**](http://docs.google.com/javax/swing/text/CompositeView.html#CompositeView(javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) elem)            Constructs a CompositeView for the given element. |
| [**DefaultStyledDocument.AttributeUndoableEdit**](http://docs.google.com/javax/swing/text/DefaultStyledDocument.AttributeUndoableEdit.html#DefaultStyledDocument.AttributeUndoableEdit(javax.swing.text.Element,%20javax.swing.text.AttributeSet,%20boolean))([Element](http://docs.google.com/javax/swing/text/Element.html) element, [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) newAttributes, boolean isReplacing) |
| [**DefaultStyledDocument.ElementBuffer**](http://docs.google.com/javax/swing/text/DefaultStyledDocument.ElementBuffer.html#DefaultStyledDocument.ElementBuffer(javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) root)            Creates a new ElementBuffer. |
| [**ElementIterator**](http://docs.google.com/javax/swing/text/ElementIterator.html#ElementIterator(javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) root)            Creates a new ElementIterator. |
| [**FieldView**](http://docs.google.com/javax/swing/text/FieldView.html#FieldView(javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) elem)            Constructs a new FieldView wrapped on an element. |
| [**FlowView**](http://docs.google.com/javax/swing/text/FlowView.html#FlowView(javax.swing.text.Element,%20int))([Element](http://docs.google.com/javax/swing/text/Element.html) elem, int axis)            Constructs a FlowView for the given element. |
| [**GlyphView**](http://docs.google.com/javax/swing/text/GlyphView.html#GlyphView(javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) elem)            Constructs a new view wrapped on an element. |
| [**IconView**](http://docs.google.com/javax/swing/text/IconView.html#IconView(javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) elem)            Creates a new icon view that represents an element. |
| [**LabelView**](http://docs.google.com/javax/swing/text/LabelView.html#LabelView(javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) elem)            Constructs a new view wrapped on an element. |
| [**ParagraphView**](http://docs.google.com/javax/swing/text/ParagraphView.html#ParagraphView(javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) elem)            Constructs a ParagraphView for the given element. |
| [**PasswordView**](http://docs.google.com/javax/swing/text/PasswordView.html#PasswordView(javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) elem)            Constructs a new view wrapped on an element. |
| [**PlainView**](http://docs.google.com/javax/swing/text/PlainView.html#PlainView(javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) elem)            Constructs a new PlainView wrapped on an element. |
| [**TableView.TableCell**](http://docs.google.com/javax/swing/text/TableView.TableCell.html#TableView.TableCell(javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) elem)  **Deprecated.** Constructs a TableCell for the given element. |
| [**TableView.TableRow**](http://docs.google.com/javax/swing/text/TableView.TableRow.html#TableView.TableRow(javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) elem)            Constructs a TableView for the given element. |
| [**TableView**](http://docs.google.com/javax/swing/text/TableView.html#TableView(javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) elem)            Constructs a TableView for the given element. |
| [**View**](http://docs.google.com/javax/swing/text/View.html#View(javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) elem)            Creates a new View object. |
| [**WrappedPlainView**](http://docs.google.com/javax/swing/text/WrappedPlainView.html#WrappedPlainView(javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) elem)            Creates a new WrappedPlainView. |
| [**WrappedPlainView**](http://docs.google.com/javax/swing/text/WrappedPlainView.html#WrappedPlainView(javax.swing.text.Element,%20boolean))([Element](http://docs.google.com/javax/swing/text/Element.html) elem, boolean wordWrap)            Creates a new WrappedPlainView. |
| [**ZoneView**](http://docs.google.com/javax/swing/text/ZoneView.html#ZoneView(javax.swing.text.Element,%20int))([Element](http://docs.google.com/javax/swing/text/Element.html) elem, int axis)            Constructs a ZoneView. |

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

| Classes in [javax.swing.text.html](http://docs.google.com/javax/swing/text/html/package-summary.html) that implement [Element](http://docs.google.com/javax/swing/text/Element.html) | |
| --- | --- |
| class | [**HTMLDocument.BlockElement**](http://docs.google.com/javax/swing/text/html/HTMLDocument.BlockElement.html)            An element that represents a structural *block* of HTML. |
| class | [**HTMLDocument.RunElement**](http://docs.google.com/javax/swing/text/html/HTMLDocument.RunElement.html)            An element that represents a chunk of text that has a set of HTML character level attributes assigned to it. |

| Methods in [javax.swing.text.html](http://docs.google.com/javax/swing/text/html/package-summary.html) that return [Element](http://docs.google.com/javax/swing/text/Element.html) | |
| --- | --- |
| protected  [Element](http://docs.google.com/javax/swing/text/Element.html) | **HTMLDocument.**[**createBranchElement**](http://docs.google.com/javax/swing/text/html/HTMLDocument.html#createBranchElement(javax.swing.text.Element,%20javax.swing.text.AttributeSet))([Element](http://docs.google.com/javax/swing/text/Element.html) parent, [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) a)            Creates a document branch element, that can contain other elements. |
| protected  [Element](http://docs.google.com/javax/swing/text/Element.html) | **HTMLDocument.**[**createLeafElement**](http://docs.google.com/javax/swing/text/html/HTMLDocument.html#createLeafElement(javax.swing.text.Element,%20javax.swing.text.AttributeSet,%20int,%20int))([Element](http://docs.google.com/javax/swing/text/Element.html) parent, [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) a, int p0, int p1)            Creates a document leaf element that directly represents text (doesn't have any children). |
| protected  [Element](http://docs.google.com/javax/swing/text/Element.html) | **HTMLEditorKit.HTMLTextAction.**[**findElementMatchingTag**](http://docs.google.com/javax/swing/text/html/HTMLEditorKit.HTMLTextAction.html#findElementMatchingTag(javax.swing.text.html.HTMLDocument,%20int,%20javax.swing.text.html.HTML.Tag))([HTMLDocument](http://docs.google.com/javax/swing/text/html/HTMLDocument.html) doc, int offset, [HTML.Tag](http://docs.google.com/javax/swing/text/html/HTML.Tag.html) tag)            Returns the deepest element at offset matching tag. |
| [Element](http://docs.google.com/javax/swing/text/Element.html) | **HTMLDocument.**[**getElement**](http://docs.google.com/javax/swing/text/html/HTMLDocument.html#getElement(javax.swing.text.Element,%20java.lang.Object,%20java.lang.Object))([Element](http://docs.google.com/javax/swing/text/Element.html) e, [Object](http://docs.google.com/java/lang/Object.html) attribute, [Object](http://docs.google.com/java/lang/Object.html) value)            Returns the child element of e that contains the attribute, attribute with value value, or null if one isn't found. |
| [Element](http://docs.google.com/javax/swing/text/Element.html) | **HTMLDocument.**[**getElement**](http://docs.google.com/javax/swing/text/html/HTMLDocument.html#getElement(java.lang.String))([String](http://docs.google.com/java/lang/String.html) id)            Returns the element that has the given id Attribute. |
| protected  [Element](http://docs.google.com/javax/swing/text/Element.html)[] | **HTMLEditorKit.HTMLTextAction.**[**getElementsAt**](http://docs.google.com/javax/swing/text/html/HTMLEditorKit.HTMLTextAction.html#getElementsAt(javax.swing.text.html.HTMLDocument,%20int))([HTMLDocument](http://docs.google.com/javax/swing/text/html/HTMLDocument.html) doc, int offset)            Returns an array of the Elements that contain offset. |

| Methods in [javax.swing.text.html](http://docs.google.com/javax/swing/text/html/package-summary.html) with parameters of type [Element](http://docs.google.com/javax/swing/text/Element.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. |
| [View](http://docs.google.com/javax/swing/text/View.html) | **HTMLEditorKit.HTMLFactory.**[**create**](http://docs.google.com/javax/swing/text/html/HTMLEditorKit.HTMLFactory.html#create(javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) elem)            Creates a view from an element. |
| protected  [Element](http://docs.google.com/javax/swing/text/Element.html) | **HTMLDocument.**[**createBranchElement**](http://docs.google.com/javax/swing/text/html/HTMLDocument.html#createBranchElement(javax.swing.text.Element,%20javax.swing.text.AttributeSet))([Element](http://docs.google.com/javax/swing/text/Element.html) parent, [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) a)            Creates a document branch element, that can contain other elements. |
| protected  void | **HTMLEditorKit.**[**createInputAttributes**](http://docs.google.com/javax/swing/text/html/HTMLEditorKit.html#createInputAttributes(javax.swing.text.Element,%20javax.swing.text.MutableAttributeSet))([Element](http://docs.google.com/javax/swing/text/Element.html) element, [MutableAttributeSet](http://docs.google.com/javax/swing/text/MutableAttributeSet.html) set)            Copies the key/values in elements AttributeSet into set. |
| protected  [Element](http://docs.google.com/javax/swing/text/Element.html) | **HTMLDocument.**[**createLeafElement**](http://docs.google.com/javax/swing/text/html/HTMLDocument.html#createLeafElement(javax.swing.text.Element,%20javax.swing.text.AttributeSet,%20int,%20int))([Element](http://docs.google.com/javax/swing/text/Element.html) parent, [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) a, int p0, int p1)            Creates a document leaf element that directly represents text (doesn't have any children). |
| 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). |
| protected  void | **HTMLWriter.**[**endTag**](http://docs.google.com/javax/swing/text/html/HTMLWriter.html#endTag(javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) elem)            Writes out an end tag for the element. |
| [Element](http://docs.google.com/javax/swing/text/Element.html) | **HTMLDocument.**[**getElement**](http://docs.google.com/javax/swing/text/html/HTMLDocument.html#getElement(javax.swing.text.Element,%20java.lang.Object,%20java.lang.Object))([Element](http://docs.google.com/javax/swing/text/Element.html) e, [Object](http://docs.google.com/java/lang/Object.html) attribute, [Object](http://docs.google.com/java/lang/Object.html) value)            Returns the child element of e that contains the attribute, attribute with value value, or null if one isn't found. |
| [Style](http://docs.google.com/javax/swing/text/Style.html) | **StyleSheet.**[**getRule**](http://docs.google.com/javax/swing/text/html/StyleSheet.html#getRule(javax.swing.text.html.HTML.Tag,%20javax.swing.text.Element))([HTML.Tag](http://docs.google.com/javax/swing/text/html/HTML.Tag.html) t, [Element](http://docs.google.com/javax/swing/text/Element.html) e)            Fetches the style to use to render the given type of HTML tag. |
| 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. |
| protected  void | **HTMLEditorKit.InsertHTMLTextAction.**[**insertAtBoundary**](http://docs.google.com/javax/swing/text/html/HTMLEditorKit.InsertHTMLTextAction.html#insertAtBoundary(javax.swing.JEditorPane,%20javax.swing.text.html.HTMLDocument,%20int,%20javax.swing.text.Element,%20java.lang.String,%20javax.swing.text.html.HTML.Tag,%20javax.swing.text.html.HTML.Tag))([JEditorPane](http://docs.google.com/javax/swing/JEditorPane.html) editor, [HTMLDocument](http://docs.google.com/javax/swing/text/html/HTMLDocument.html) doc, int offset, [Element](http://docs.google.com/javax/swing/text/Element.html) insertElement, [String](http://docs.google.com/java/lang/String.html) html, [HTML.Tag](http://docs.google.com/javax/swing/text/html/HTML.Tag.html) parentTag, [HTML.Tag](http://docs.google.com/javax/swing/text/html/HTML.Tag.html) addTag)            This is invoked when inserting at a boundary. |
| protected  void | **HTMLEditorKit.InsertHTMLTextAction.**[**insertAtBoundry**](http://docs.google.com/javax/swing/text/html/HTMLEditorKit.InsertHTMLTextAction.html#insertAtBoundry(javax.swing.JEditorPane,%20javax.swing.text.html.HTMLDocument,%20int,%20javax.swing.text.Element,%20java.lang.String,%20javax.swing.text.html.HTML.Tag,%20javax.swing.text.html.HTML.Tag))([JEditorPane](http://docs.google.com/javax/swing/JEditorPane.html) editor, [HTMLDocument](http://docs.google.com/javax/swing/text/html/HTMLDocument.html) doc, int offset, [Element](http://docs.google.com/javax/swing/text/Element.html) insertElement, [String](http://docs.google.com/java/lang/String.html) html, [HTML.Tag](http://docs.google.com/javax/swing/text/html/HTML.Tag.html) parentTag, [HTML.Tag](http://docs.google.com/javax/swing/text/html/HTML.Tag.html) addTag)  **Deprecated.** *As of Java 2 platform v1.3, use insertAtBoundary* |
| 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. |
| protected  boolean | **MinimalHTMLWriter.**[**isText**](http://docs.google.com/javax/swing/text/html/MinimalHTMLWriter.html#isText(javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) elem)            Returns true if the element is a text element. |
| 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  boolean | **HTMLWriter.**[**synthesizedElement**](http://docs.google.com/javax/swing/text/html/HTMLWriter.html#synthesizedElement(javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) elem)            Returns true if the element is a synthesized 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 | **MinimalHTMLWriter.**[**writeComponent**](http://docs.google.com/javax/swing/text/html/MinimalHTMLWriter.html#writeComponent(javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) elem)            Responsible for handling Component Elements; deliberately unimplemented. |
| 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. |
| protected  void | **MinimalHTMLWriter.**[**writeImage**](http://docs.google.com/javax/swing/text/html/MinimalHTMLWriter.html#writeImage(javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) elem)            Responsible for handling Icon Elements; deliberately unimplemented. |
| protected  void | **MinimalHTMLWriter.**[**writeLeaf**](http://docs.google.com/javax/swing/text/html/MinimalHTMLWriter.html#writeLeaf(javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) elem)            Responsible for writing out other non-text leaf elements. |
| protected  void | **MinimalHTMLWriter.**[**writeStartParagraph**](http://docs.google.com/javax/swing/text/html/MinimalHTMLWriter.html#writeStartParagraph(javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) elem)            Emits the start tag for a paragraph. |

| Constructors in [javax.swing.text.html](http://docs.google.com/javax/swing/text/html/package-summary.html) with parameters of type [Element](http://docs.google.com/javax/swing/text/Element.html) | |
| --- | --- |
| [**BlockView**](http://docs.google.com/javax/swing/text/html/BlockView.html#BlockView(javax.swing.text.Element,%20int))([Element](http://docs.google.com/javax/swing/text/Element.html) elem, int axis)            Creates a new view that represents an html box. |
| [**FormView**](http://docs.google.com/javax/swing/text/html/FormView.html#FormView(javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) elem)            Creates a new FormView object. |
| [**HTMLDocument.BlockElement**](http://docs.google.com/javax/swing/text/html/HTMLDocument.BlockElement.html#HTMLDocument.BlockElement(javax.swing.text.Element,%20javax.swing.text.AttributeSet))([Element](http://docs.google.com/javax/swing/text/Element.html) parent, [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) a)            Constructs a composite element that initially contains no children. |
| [**HTMLDocument.RunElement**](http://docs.google.com/javax/swing/text/html/HTMLDocument.RunElement.html#HTMLDocument.RunElement(javax.swing.text.Element,%20javax.swing.text.AttributeSet,%20int,%20int))([Element](http://docs.google.com/javax/swing/text/Element.html) parent, [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) a, int offs0, int offs1)            Constructs an element that represents content within the document (has no children). |
| [**HTMLFrameHyperlinkEvent**](http://docs.google.com/javax/swing/text/html/HTMLFrameHyperlinkEvent.html#HTMLFrameHyperlinkEvent(java.lang.Object,%20javax.swing.event.HyperlinkEvent.EventType,%20java.net.URL,%20javax.swing.text.Element,%20java.lang.String))([Object](http://docs.google.com/java/lang/Object.html) source, [HyperlinkEvent.EventType](http://docs.google.com/javax/swing/event/HyperlinkEvent.EventType.html) type, [URL](http://docs.google.com/java/net/URL.html) targetURL, [Element](http://docs.google.com/javax/swing/text/Element.html) sourceElement, [String](http://docs.google.com/java/lang/String.html) targetFrame)            Creates a new object representing a hypertext link event. |
| [**HTMLFrameHyperlinkEvent**](http://docs.google.com/javax/swing/text/html/HTMLFrameHyperlinkEvent.html#HTMLFrameHyperlinkEvent(java.lang.Object,%20javax.swing.event.HyperlinkEvent.EventType,%20java.net.URL,%20java.lang.String,%20javax.swing.text.Element,%20java.lang.String))([Object](http://docs.google.com/java/lang/Object.html) source, [HyperlinkEvent.EventType](http://docs.google.com/javax/swing/event/HyperlinkEvent.EventType.html) type, [URL](http://docs.google.com/java/net/URL.html) targetURL, [String](http://docs.google.com/java/lang/String.html) desc, [Element](http://docs.google.com/javax/swing/text/Element.html) sourceElement, [String](http://docs.google.com/java/lang/String.html) targetFrame)            Creates a new object representing a hypertext link event. |
| [**ImageView**](http://docs.google.com/javax/swing/text/html/ImageView.html#ImageView(javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) elem)            Creates a new view that represents an IMG element. |
| [**InlineView**](http://docs.google.com/javax/swing/text/html/InlineView.html#InlineView(javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) elem)            Constructs a new view wrapped on an element. |
| [**ListView**](http://docs.google.com/javax/swing/text/html/ListView.html#ListView(javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) elem)            Creates a new view that represents a list element. |
| [**ObjectView**](http://docs.google.com/javax/swing/text/html/ObjectView.html#ObjectView(javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) elem)            Creates a new ObjectView object. |
| [**ParagraphView**](http://docs.google.com/javax/swing/text/html/ParagraphView.html#ParagraphView(javax.swing.text.Element))([Element](http://docs.google.com/javax/swing/text/Element.html) elem)            Constructs a ParagraphView for the given element. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/javax/swing/text/Element.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-useElement.html)    [**NO FRAMES**](http://docs.google.com/Element.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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