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

**Uses of Class**

**javax.swing.text.View**

| Packages that use [View](http://docs.google.com/javax/swing/text/View.html) | |
| --- | --- |
| [**javax.swing.plaf**](#3znysh7) | Provides one interface and many abstract classes that Swing uses to provide its pluggable look-and-feel capabilities. |
| [**javax.swing.plaf.basic**](#2et92p0) | Provides user interface objects built according to the Basic look and feel. |
| [**javax.swing.plaf.multi**](#tyjcwt) | Provides user interface objects that combine two or more look and feels. |
| [**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 [View](http://docs.google.com/javax/swing/text/View.html) in [javax.swing.plaf](http://docs.google.com/javax/swing/plaf/package-summary.html) | |
| --- | --- |

| Methods in [javax.swing.plaf](http://docs.google.com/javax/swing/plaf/package-summary.html) that return [View](http://docs.google.com/javax/swing/text/View.html) | |
| --- | --- |
| abstract  [View](http://docs.google.com/javax/swing/text/View.html) | **TextUI.**[**getRootView**](http://docs.google.com/javax/swing/plaf/TextUI.html#getRootView(javax.swing.text.JTextComponent))([JTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.html) t)            Fetches a View with the allocation of the associated text component (i.e. |

| Uses of [View](http://docs.google.com/javax/swing/text/View.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 return [View](http://docs.google.com/javax/swing/text/View.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. |
| static [View](http://docs.google.com/javax/swing/text/View.html) | **BasicHTML.**[**createHTMLView**](http://docs.google.com/javax/swing/plaf/basic/BasicHTML.html#createHTMLView(javax.swing.JComponent,%20java.lang.String))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c, [String](http://docs.google.com/java/lang/String.html) html)            Create an html renderer for the given component and string of html. |
| [View](http://docs.google.com/javax/swing/text/View.html) | **BasicTextUI.**[**getRootView**](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#getRootView(javax.swing.text.JTextComponent))([JTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.html) tc)            Fetches a View with the allocation of the associated text component (i.e. |
| protected  [View](http://docs.google.com/javax/swing/text/View.html) | **BasicTabbedPaneUI.**[**getTextViewForTab**](http://docs.google.com/javax/swing/plaf/basic/BasicTabbedPaneUI.html#getTextViewForTab(int))(int tabIndex)            Returns the text View object required to render stylized text (HTML) for the specified tab or null if no specialized text rendering is needed for this tab. |

| Methods in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) with parameters of type [View](http://docs.google.com/javax/swing/text/View.html) | |
| --- | --- |
| static int | **BasicHTML.**[**getHTMLBaseline**](http://docs.google.com/javax/swing/plaf/basic/BasicHTML.html#getHTMLBaseline(javax.swing.text.View,%20int,%20int))([View](http://docs.google.com/javax/swing/text/View.html) view, int w, int h)            Returns the baseline for the html renderer. |
| protected  void | **BasicTextUI.**[**setView**](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#setView(javax.swing.text.View))([View](http://docs.google.com/javax/swing/text/View.html) v)            Sets the current root of the view hierarchy and calls invalidate(). |

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

| Methods in [javax.swing.plaf.multi](http://docs.google.com/javax/swing/plaf/multi/package-summary.html) that return [View](http://docs.google.com/javax/swing/text/View.html) | |
| --- | --- |
| [View](http://docs.google.com/javax/swing/text/View.html) | **MultiTextUI.**[**getRootView**](http://docs.google.com/javax/swing/plaf/multi/MultiTextUI.html#getRootView(javax.swing.text.JTextComponent))([JTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.html) a)            Invokes the getRootView method on each UI handled by this object. |

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

| Subclasses of [View](http://docs.google.com/javax/swing/text/View.html) in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) | |
| --- | --- |
| class | [**AsyncBoxView**](http://docs.google.com/javax/swing/text/AsyncBoxView.html)            A box that does layout asynchronously. |
| class | [**BoxView**](http://docs.google.com/javax/swing/text/BoxView.html)            A view that arranges its children into a box shape by tiling its children along an axis. |
| class | [**ComponentView**](http://docs.google.com/javax/swing/text/ComponentView.html)            Component decorator that implements the view interface. |
| class | [**CompositeView**](http://docs.google.com/javax/swing/text/CompositeView.html)            CompositeView is an abstract View implementation which manages one or more child views. |
| class | [**FieldView**](http://docs.google.com/javax/swing/text/FieldView.html)            Extends the multi-line plain text view to be suitable for a single-line editor view. |
| class | [**FlowView**](http://docs.google.com/javax/swing/text/FlowView.html)            A View that tries to flow it's children into some partially constrained space. |
| class | [**GlyphView**](http://docs.google.com/javax/swing/text/GlyphView.html)            A GlyphView is a styled chunk of text that represents a view mapped over an element in the text model. |
| class | [**IconView**](http://docs.google.com/javax/swing/text/IconView.html)            Icon decorator that implements the view interface. |
| class | [**LabelView**](http://docs.google.com/javax/swing/text/LabelView.html)            A LabelView is a styled chunk of text that represents a view mapped over an element in the text model. |
| class | [**ParagraphView**](http://docs.google.com/javax/swing/text/ParagraphView.html)            View of a simple line-wrapping paragraph that supports multiple fonts, colors, components, icons, etc. |
| class | [**PasswordView**](http://docs.google.com/javax/swing/text/PasswordView.html)            Implements a View suitable for use in JPasswordField UI implementations. |
| class | [**PlainView**](http://docs.google.com/javax/swing/text/PlainView.html)            Implements View interface for a simple multi-line text view that has text in one font and color. |
| class | [**TableView**](http://docs.google.com/javax/swing/text/TableView.html)             Implements View interface for a table, that is composed of an element structure where the child elements of the element this view is responsible for represent rows and the child elements of the row elements are cells. |
| class | [**TableView.TableCell**](http://docs.google.com/javax/swing/text/TableView.TableCell.html)  **Deprecated.** *A table cell can now be any View implementation.* |
| class | [**TableView.TableRow**](http://docs.google.com/javax/swing/text/TableView.TableRow.html)            View of a row in a row-centric table. |
| class | [**WrappedPlainView**](http://docs.google.com/javax/swing/text/WrappedPlainView.html)            View of plain text (text with only one font and color) that does line-wrapping. |
| class | [**ZoneView**](http://docs.google.com/javax/swing/text/ZoneView.html)            ZoneView is a View implementation that creates zones for which the child views are not created or stored until they are needed for display or model/view translations. |

| Fields in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) declared as [View](http://docs.google.com/javax/swing/text/View.html) | |
| --- | --- |
| protected  [View](http://docs.google.com/javax/swing/text/View.html) | **FlowView.**[**layoutPool**](http://docs.google.com/javax/swing/text/FlowView.html#layoutPool)            These are the views that represent the child elements of the element this view represents (The logical view to translate to a physical view). |

| Methods in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) that return [View](http://docs.google.com/javax/swing/text/View.html) | |
| --- | --- |
| [View](http://docs.google.com/javax/swing/text/View.html) | **ParagraphView.**[**breakView**](http://docs.google.com/javax/swing/text/ParagraphView.html#breakView(int,%20float,%20java.awt.Shape))(int axis, float len, [Shape](http://docs.google.com/java/awt/Shape.html) a)            Breaks this view on the given axis at the given length. |
| [View](http://docs.google.com/javax/swing/text/View.html) | **GlyphView.**[**breakView**](http://docs.google.com/javax/swing/text/GlyphView.html#breakView(int,%20int,%20float,%20float))(int axis, int p0, float pos, float len)            Breaks this view on the given axis at the given length. |
| [View](http://docs.google.com/javax/swing/text/View.html) | **View.**[**breakView**](http://docs.google.com/javax/swing/text/View.html#breakView(int,%20int,%20float,%20float))(int axis, int offset, float pos, float len)            Tries to break this view on the given axis. |
| [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. |
| [View](http://docs.google.com/javax/swing/text/View.html) | **GlyphView.**[**createFragment**](http://docs.google.com/javax/swing/text/GlyphView.html#createFragment(int,%20int))(int p0, int p1)            Creates a view that represents a portion of the element. |
| [View](http://docs.google.com/javax/swing/text/View.html) | **View.**[**createFragment**](http://docs.google.com/javax/swing/text/View.html#createFragment(int,%20int))(int p0, int p1)            Creates a view that represents a portion of the element. |
| protected abstract  [View](http://docs.google.com/javax/swing/text/View.html) | **FlowView.**[**createRow**](http://docs.google.com/javax/swing/text/FlowView.html#createRow())()            Create a View that should be used to hold a a rows worth of children in a flow. |
| protected  [View](http://docs.google.com/javax/swing/text/View.html) | **ParagraphView.**[**createRow**](http://docs.google.com/javax/swing/text/ParagraphView.html#createRow())()            Create a View that should be used to hold a a row's worth of children in a flow. |
| protected  [View](http://docs.google.com/javax/swing/text/View.html) | **FlowView.FlowStrategy.**[**createView**](http://docs.google.com/javax/swing/text/FlowView.FlowStrategy.html#createView(javax.swing.text.FlowView,%20int,%20int,%20int))([FlowView](http://docs.google.com/javax/swing/text/FlowView.html) fv, int startOffset, int spanLeft, int rowIndex)            Creates a view that can be used to represent the current piece of the flow. |
| protected  [View](http://docs.google.com/javax/swing/text/View.html) | **ZoneView.**[**createZone**](http://docs.google.com/javax/swing/text/ZoneView.html#createZone(int,%20int))(int p0, int p1)            Create a view to represent a zone for the given range within the model (which should be within the range of this objects responsibility). |
| [View](http://docs.google.com/javax/swing/text/View.html) | **AsyncBoxView.ChildState.**[**getChildView**](http://docs.google.com/javax/swing/text/AsyncBoxView.ChildState.html#getChildView())()            Fetch the child view this record represents |
| protected  [View](http://docs.google.com/javax/swing/text/View.html) | **ParagraphView.**[**getLayoutView**](http://docs.google.com/javax/swing/text/ParagraphView.html#getLayoutView(int))(int index)            Returns the view at a given index. |
| protected  [View](http://docs.google.com/javax/swing/text/View.html) | **FlowView.FlowStrategy.**[**getLogicalView**](http://docs.google.com/javax/swing/text/FlowView.FlowStrategy.html#getLogicalView(javax.swing.text.FlowView))([FlowView](http://docs.google.com/javax/swing/text/FlowView.html) fv)            This method gives flow strategies access to the logical view of the FlowView. |
| [View](http://docs.google.com/javax/swing/text/View.html) | **View.**[**getParent**](http://docs.google.com/javax/swing/text/View.html#getParent())()            Returns the parent of the view. |
| [View](http://docs.google.com/javax/swing/text/View.html) | **AsyncBoxView.**[**getView**](http://docs.google.com/javax/swing/text/AsyncBoxView.html#getView(int))(int n)            Gets the nth child view. |
| [View](http://docs.google.com/javax/swing/text/View.html) | **CompositeView.**[**getView**](http://docs.google.com/javax/swing/text/CompositeView.html#getView(int))(int n)            Returns the n-th view in this container. |
| [View](http://docs.google.com/javax/swing/text/View.html) | **View.**[**getView**](http://docs.google.com/javax/swing/text/View.html#getView(int))(int n)            Gets the *n*th child view. |
| protected  [View](http://docs.google.com/javax/swing/text/View.html) | **BoxView.**[**getViewAtPoint**](http://docs.google.com/javax/swing/text/BoxView.html#getViewAtPoint(int,%20int,%20java.awt.Rectangle))(int x, int y, [Rectangle](http://docs.google.com/java/awt/Rectangle.html) alloc)            Fetches the child view at the given coordinates. |
| protected abstract  [View](http://docs.google.com/javax/swing/text/View.html) | **CompositeView.**[**getViewAtPoint**](http://docs.google.com/javax/swing/text/CompositeView.html#getViewAtPoint(int,%20int,%20java.awt.Rectangle))(int x, int y, [Rectangle](http://docs.google.com/java/awt/Rectangle.html) alloc)            Fetches the child view at the given coordinates. |
| protected  [View](http://docs.google.com/javax/swing/text/View.html) | **TableView.**[**getViewAtPosition**](http://docs.google.com/javax/swing/text/TableView.html#getViewAtPosition(int,%20java.awt.Rectangle))(int pos, [Rectangle](http://docs.google.com/java/awt/Rectangle.html) a)            Fetches the child view that represents the given position in the model. |
| protected  [View](http://docs.google.com/javax/swing/text/View.html) | **TableView.TableRow.**[**getViewAtPosition**](http://docs.google.com/javax/swing/text/TableView.TableRow.html#getViewAtPosition(int,%20java.awt.Rectangle))(int pos, [Rectangle](http://docs.google.com/java/awt/Rectangle.html) a)            Fetches the child view that represents the given position in the model. |
| protected  [View](http://docs.google.com/javax/swing/text/View.html) | **CompositeView.**[**getViewAtPosition**](http://docs.google.com/javax/swing/text/CompositeView.html#getViewAtPosition(int,%20java.awt.Rectangle))(int pos, [Rectangle](http://docs.google.com/java/awt/Rectangle.html) a)            Fetches the child view that represents the given position in the model. |

| Methods in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) with parameters of type [View](http://docs.google.com/javax/swing/text/View.html) | |
| --- | --- |
| void | **View.**[**append**](http://docs.google.com/javax/swing/text/View.html#append(javax.swing.text.View))([View](http://docs.google.com/javax/swing/text/View.html) v)            Appends a single child view. |
| protected  [AsyncBoxView.ChildState](http://docs.google.com/javax/swing/text/AsyncBoxView.ChildState.html) | **AsyncBoxView.**[**createChildState**](http://docs.google.com/javax/swing/text/AsyncBoxView.html#createChildState(javax.swing.text.View))([View](http://docs.google.com/javax/swing/text/View.html) v)            New ChildState records are created through this method to allow subclasses the extend the ChildState records to do/hold more |
| protected  void | **View.**[**forwardUpdateToView**](http://docs.google.com/javax/swing/text/View.html#forwardUpdateToView(javax.swing.text.View,%20javax.swing.event.DocumentEvent,%20java.awt.Shape,%20javax.swing.text.ViewFactory))([View](http://docs.google.com/javax/swing/text/View.html) v, [DocumentEvent](http://docs.google.com/javax/swing/event/DocumentEvent.html) e, [Shape](http://docs.google.com/java/awt/Shape.html) a, [ViewFactory](http://docs.google.com/javax/swing/text/ViewFactory.html) f)            Forwards the DocumentEvent to the give child view. |
| void | **View.**[**insert**](http://docs.google.com/javax/swing/text/View.html#insert(int,%20javax.swing.text.View))(int offs, [View](http://docs.google.com/javax/swing/text/View.html) v)            Inserts a single child view. |
| protected  boolean | **ZoneView.**[**isZoneLoaded**](http://docs.google.com/javax/swing/text/ZoneView.html#isZoneLoaded(javax.swing.text.View))([View](http://docs.google.com/javax/swing/text/View.html) zone)            Determine if a zone is in the loaded state. |
| [Shape](http://docs.google.com/java/awt/Shape.html) | **DefaultHighlighter.DefaultHighlightPainter.**[**paintLayer**](http://docs.google.com/javax/swing/text/DefaultHighlighter.DefaultHighlightPainter.html#paintLayer(java.awt.Graphics,%20int,%20int,%20java.awt.Shape,%20javax.swing.text.JTextComponent,%20javax.swing.text.View))([Graphics](http://docs.google.com/java/awt/Graphics.html) g, int offs0, int offs1, [Shape](http://docs.google.com/java/awt/Shape.html) bounds, [JTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.html) c, [View](http://docs.google.com/javax/swing/text/View.html) view)            Paints a portion of a highlight. |
| abstract  [Shape](http://docs.google.com/java/awt/Shape.html) | **LayeredHighlighter.LayerPainter.**[**paintLayer**](http://docs.google.com/javax/swing/text/LayeredHighlighter.LayerPainter.html#paintLayer(java.awt.Graphics,%20int,%20int,%20java.awt.Shape,%20javax.swing.text.JTextComponent,%20javax.swing.text.View))([Graphics](http://docs.google.com/java/awt/Graphics.html) g, int p0, int p1, [Shape](http://docs.google.com/java/awt/Shape.html) viewBounds, [JTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.html) editor, [View](http://docs.google.com/javax/swing/text/View.html) view) |
| void | **DefaultHighlighter.**[**paintLayeredHighlights**](http://docs.google.com/javax/swing/text/DefaultHighlighter.html#paintLayeredHighlights(java.awt.Graphics,%20int,%20int,%20java.awt.Shape,%20javax.swing.text.JTextComponent,%20javax.swing.text.View))([Graphics](http://docs.google.com/java/awt/Graphics.html) g, int p0, int p1, [Shape](http://docs.google.com/java/awt/Shape.html) viewBounds, [JTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.html) editor, [View](http://docs.google.com/javax/swing/text/View.html) view)            When leaf Views (such as LabelView) are rendering they should call into this method. |
| abstract  void | **LayeredHighlighter.**[**paintLayeredHighlights**](http://docs.google.com/javax/swing/text/LayeredHighlighter.html#paintLayeredHighlights(java.awt.Graphics,%20int,%20int,%20java.awt.Shape,%20javax.swing.text.JTextComponent,%20javax.swing.text.View))([Graphics](http://docs.google.com/java/awt/Graphics.html) g, int p0, int p1, [Shape](http://docs.google.com/java/awt/Shape.html) viewBounds, [JTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.html) editor, [View](http://docs.google.com/javax/swing/text/View.html) view)            When leaf Views (such as LabelView) are rendering they should call into this method. |
| void | **AsyncBoxView.**[**preferenceChanged**](http://docs.google.com/javax/swing/text/AsyncBoxView.html#preferenceChanged(javax.swing.text.View,%20boolean,%20boolean))([View](http://docs.google.com/javax/swing/text/View.html) child, boolean width, boolean height)            Child views can call this on the parent to indicate that the preference has changed and should be reconsidered for layout. |
| void | **BoxView.**[**preferenceChanged**](http://docs.google.com/javax/swing/text/BoxView.html#preferenceChanged(javax.swing.text.View,%20boolean,%20boolean))([View](http://docs.google.com/javax/swing/text/View.html) child, boolean width, boolean height)            This is called by a child to indicate its preferred span has changed. |
| void | **View.**[**preferenceChanged**](http://docs.google.com/javax/swing/text/View.html#preferenceChanged(javax.swing.text.View,%20boolean,%20boolean))([View](http://docs.google.com/javax/swing/text/View.html) child, boolean width, boolean height)            Child views can call this on the parent to indicate that the preference has changed and should be reconsidered for layout. |
| void | **TableView.**[**replace**](http://docs.google.com/javax/swing/text/TableView.html#replace(int,%20int,%20javax.swing.text.View%5B%5D))(int offset, int length, [View](http://docs.google.com/javax/swing/text/View.html)[] views)            Change the child views. |
| void | **TableView.TableRow.**[**replace**](http://docs.google.com/javax/swing/text/TableView.TableRow.html#replace(int,%20int,%20javax.swing.text.View%5B%5D))(int offset, int length, [View](http://docs.google.com/javax/swing/text/View.html)[] views)            Change the child views. |
| void | **AsyncBoxView.**[**replace**](http://docs.google.com/javax/swing/text/AsyncBoxView.html#replace(int,%20int,%20javax.swing.text.View%5B%5D))(int offset, int length, [View](http://docs.google.com/javax/swing/text/View.html)[] views)            Calls the superclass to update the child views, and updates the status records for the children. |
| void | **BoxView.**[**replace**](http://docs.google.com/javax/swing/text/BoxView.html#replace(int,%20int,%20javax.swing.text.View%5B%5D))(int index, int length, [View](http://docs.google.com/javax/swing/text/View.html)[] elems)            Invalidates the layout and resizes the cache of requests/allocations. |
| void | **CompositeView.**[**replace**](http://docs.google.com/javax/swing/text/CompositeView.html#replace(int,%20int,%20javax.swing.text.View%5B%5D))(int offset, int length, [View](http://docs.google.com/javax/swing/text/View.html)[] views)            Replaces child views. |
| void | **View.**[**replace**](http://docs.google.com/javax/swing/text/View.html#replace(int,%20int,%20javax.swing.text.View%5B%5D))(int offset, int length, [View](http://docs.google.com/javax/swing/text/View.html)[] views)            Replaces child views. |
| void | **AsyncBoxView.**[**setParent**](http://docs.google.com/javax/swing/text/AsyncBoxView.html#setParent(javax.swing.text.View))([View](http://docs.google.com/javax/swing/text/View.html) parent)            Sets the parent of the view. |
| void | **FlowView.**[**setParent**](http://docs.google.com/javax/swing/text/FlowView.html#setParent(javax.swing.text.View))([View](http://docs.google.com/javax/swing/text/View.html) parent)            Sets the parent of the view. |
| void | **ComponentView.**[**setParent**](http://docs.google.com/javax/swing/text/ComponentView.html#setParent(javax.swing.text.View))([View](http://docs.google.com/javax/swing/text/View.html) p)            Sets the parent for a child view. |
| void | **CompositeView.**[**setParent**](http://docs.google.com/javax/swing/text/CompositeView.html#setParent(javax.swing.text.View))([View](http://docs.google.com/javax/swing/text/View.html) parent)            Sets the parent of the view. |
| void | **View.**[**setParent**](http://docs.google.com/javax/swing/text/View.html#setParent(javax.swing.text.View))([View](http://docs.google.com/javax/swing/text/View.html) parent)            Establishes the parent view for this view. |
| protected  void | **ZoneView.**[**unloadZone**](http://docs.google.com/javax/swing/text/ZoneView.html#unloadZone(javax.swing.text.View))([View](http://docs.google.com/javax/swing/text/View.html) zone)            Unload a zone (Convert the zone to its memory saving state). |
| protected  void | **ZoneView.**[**zoneWasLoaded**](http://docs.google.com/javax/swing/text/ZoneView.html#zoneWasLoaded(javax.swing.text.View))([View](http://docs.google.com/javax/swing/text/View.html) zone)            Called by a zone when it gets loaded. |

| Constructors in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) with parameters of type [View](http://docs.google.com/javax/swing/text/View.html) | |
| --- | --- |
| [**AsyncBoxView.ChildState**](http://docs.google.com/javax/swing/text/AsyncBoxView.ChildState.html#AsyncBoxView.ChildState(javax.swing.text.View))([View](http://docs.google.com/javax/swing/text/View.html) v)            Construct a child status. |

| Uses of [View](http://docs.google.com/javax/swing/text/View.html) in [javax.swing.text.html](http://docs.google.com/javax/swing/text/html/package-summary.html) | |
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| Subclasses of [View](http://docs.google.com/javax/swing/text/View.html) in [javax.swing.text.html](http://docs.google.com/javax/swing/text/html/package-summary.html) | |
| --- | --- |
| class | [**BlockView**](http://docs.google.com/javax/swing/text/html/BlockView.html)            A view implementation to display a block (as a box) with CSS specifications. |
| class | [**FormView**](http://docs.google.com/javax/swing/text/html/FormView.html)            Component decorator that implements the view interface for form elements, <input>, <textarea>, and <select>. |
| class | [**ImageView**](http://docs.google.com/javax/swing/text/html/ImageView.html)            View of an Image, intended to support the HTML <IMG> tag. |
| class | [**InlineView**](http://docs.google.com/javax/swing/text/html/InlineView.html)            Displays the inline element styles based upon css attributes. |
| class | [**ListView**](http://docs.google.com/javax/swing/text/html/ListView.html)            A view implementation to display an html list |
| class | [**ObjectView**](http://docs.google.com/javax/swing/text/html/ObjectView.html)            Component decorator that implements the view interface for <object> elements. |

| Methods in [javax.swing.text.html](http://docs.google.com/javax/swing/text/html/package-summary.html) that return [View](http://docs.google.com/javax/swing/text/View.html) | |
| --- | --- |
| [View](http://docs.google.com/javax/swing/text/View.html) | **InlineView.**[**breakView**](http://docs.google.com/javax/swing/text/html/InlineView.html#breakView(int,%20int,%20float,%20float))(int axis, int offset, float pos, float len)            Tries to break this view on the given axis. |
| [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. |

| Methods in [javax.swing.text.html](http://docs.google.com/javax/swing/text/html/package-summary.html) with parameters of type [View](http://docs.google.com/javax/swing/text/View.html) | |
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| float | **StyleSheet.BoxPainter.**[**getInset**](http://docs.google.com/javax/swing/text/html/StyleSheet.BoxPainter.html#getInset(int,%20javax.swing.text.View))(int side, [View](http://docs.google.com/javax/swing/text/View.html) v)            Fetches the inset needed on a given side to account for the margin, border, and padding. |
| [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) | **StyleSheet.**[**getViewAttributes**](http://docs.google.com/javax/swing/text/html/StyleSheet.html#getViewAttributes(javax.swing.text.View))([View](http://docs.google.com/javax/swing/text/View.html) v)            Fetches a set of attributes to use in the view for displaying. |
| void | **StyleSheet.BoxPainter.**[**paint**](http://docs.google.com/javax/swing/text/html/StyleSheet.BoxPainter.html#paint(java.awt.Graphics,%20float,%20float,%20float,%20float,%20javax.swing.text.View))([Graphics](http://docs.google.com/java/awt/Graphics.html) g, float x, float y, float w, float h, [View](http://docs.google.com/javax/swing/text/View.html) v)            Paints the CSS box according to the attributes given. |
| void | **StyleSheet.ListPainter.**[**paint**](http://docs.google.com/javax/swing/text/html/StyleSheet.ListPainter.html#paint(java.awt.Graphics,%20float,%20float,%20float,%20float,%20javax.swing.text.View,%20int))([Graphics](http://docs.google.com/java/awt/Graphics.html) g, float x, float y, float w, float h, [View](http://docs.google.com/javax/swing/text/View.html) v, int item)            Paints the CSS list decoration according to the attributes given. |
| void | **BlockView.**[**setParent**](http://docs.google.com/javax/swing/text/html/BlockView.html#setParent(javax.swing.text.View))([View](http://docs.google.com/javax/swing/text/View.html) parent)            Establishes the parent view for this view. |
| void | **ImageView.**[**setParent**](http://docs.google.com/javax/swing/text/html/ImageView.html#setParent(javax.swing.text.View))([View](http://docs.google.com/javax/swing/text/View.html) parent)            Establishes the parent view for this view. |
| void | **ParagraphView.**[**setParent**](http://docs.google.com/javax/swing/text/html/ParagraphView.html#setParent(javax.swing.text.View))([View](http://docs.google.com/javax/swing/text/View.html) parent)            Establishes the parent view for this view. |

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