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

**Uses of Interface**

**javax.swing.text.ViewFactory**

| Packages that use [ViewFactory](http://docs.google.com/javax/swing/text/ViewFactory.html) | |
| --- | --- |
| [**javax.swing.plaf.basic**](#3znysh7) | Provides user interface objects built according to the Basic look and feel. |
| [**javax.swing.plaf.metal**](#2et92p0) | Provides user interface objects built according to the Java look and feel (once codenamed *Metal*), which is the default look and feel. |
| [**javax.swing.text**](#tyjcwt) | Provides classes and interfaces that deal with editable and noneditable text components. |
| [**javax.swing.text.html**](#3dy6vkm) | Provides the class HTMLEditorKit and supporting classes for creating HTML text editors. |

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

| Classes in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) that implement [ViewFactory](http://docs.google.com/javax/swing/text/ViewFactory.html) | |
| --- | --- |
| class | [**BasicEditorPaneUI**](http://docs.google.com/javax/swing/plaf/basic/BasicEditorPaneUI.html)            Provides the look and feel for a JEditorPane. |
| class | [**BasicFormattedTextFieldUI**](http://docs.google.com/javax/swing/plaf/basic/BasicFormattedTextFieldUI.html)            Provides the look and feel implementation for JFormattedTextField. |
| class | [**BasicPasswordFieldUI**](http://docs.google.com/javax/swing/plaf/basic/BasicPasswordFieldUI.html)            Provides the Windows look and feel for a password field. |
| class | [**BasicTextAreaUI**](http://docs.google.com/javax/swing/plaf/basic/BasicTextAreaUI.html)            Provides the look and feel for a plain text editor. |
| class | [**BasicTextFieldUI**](http://docs.google.com/javax/swing/plaf/basic/BasicTextFieldUI.html)            Basis of a look and feel for a JTextField. |
| class | [**BasicTextPaneUI**](http://docs.google.com/javax/swing/plaf/basic/BasicTextPaneUI.html)            Provides the look and feel for a styled text editor. |
| class | [**BasicTextUI**](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html)             Basis of a text components look-and-feel. |

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

| Classes in [javax.swing.plaf.metal](http://docs.google.com/javax/swing/plaf/metal/package-summary.html) that implement [ViewFactory](http://docs.google.com/javax/swing/text/ViewFactory.html) | |
| --- | --- |
| class | [**MetalTextFieldUI**](http://docs.google.com/javax/swing/plaf/metal/MetalTextFieldUI.html)            Basis of a look and feel for a JTextField. |

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

| Classes in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) that implement [ViewFactory](http://docs.google.com/javax/swing/text/ViewFactory.html) | |
| --- | --- |
| class | [**DefaultTextUI**](http://docs.google.com/javax/swing/text/DefaultTextUI.html)  **Deprecated.** |

| Methods in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) that return [ViewFactory](http://docs.google.com/javax/swing/text/ViewFactory.html) | |
| --- | --- |
| [ViewFactory](http://docs.google.com/javax/swing/text/ViewFactory.html) | **StyledEditorKit.**[**getViewFactory**](http://docs.google.com/javax/swing/text/StyledEditorKit.html#getViewFactory())()            Fetches a factory that is suitable for producing views of any models that are produced by this kit. |
| [ViewFactory](http://docs.google.com/javax/swing/text/ViewFactory.html) | **DefaultEditorKit.**[**getViewFactory**](http://docs.google.com/javax/swing/text/DefaultEditorKit.html#getViewFactory())()            Fetches a factory that is suitable for producing views of any models that are produced by this kit. |
| [ViewFactory](http://docs.google.com/javax/swing/text/ViewFactory.html) | **View.**[**getViewFactory**](http://docs.google.com/javax/swing/text/View.html#getViewFactory())()            Fetches the ViewFactory implementation that is feeding the view hierarchy. |
| abstract  [ViewFactory](http://docs.google.com/javax/swing/text/ViewFactory.html) | **EditorKit.**[**getViewFactory**](http://docs.google.com/javax/swing/text/EditorKit.html#getViewFactory())()            Fetches a factory that is suitable for producing views of any models that are produced by this kit. |

| Methods in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) with parameters of type [ViewFactory](http://docs.google.com/javax/swing/text/ViewFactory.html) | |
| --- | --- |
| void | **WrappedPlainView.**[**changedUpdate**](http://docs.google.com/javax/swing/text/WrappedPlainView.html#changedUpdate(javax.swing.event.DocumentEvent,%20java.awt.Shape,%20javax.swing.text.ViewFactory))([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)            Gives notification from the document that attributes were changed in a location that this view is responsible for. |
| void | **PlainView.**[**changedUpdate**](http://docs.google.com/javax/swing/text/PlainView.html#changedUpdate(javax.swing.event.DocumentEvent,%20java.awt.Shape,%20javax.swing.text.ViewFactory))([DocumentEvent](http://docs.google.com/javax/swing/event/DocumentEvent.html) changes, [Shape](http://docs.google.com/java/awt/Shape.html) a, [ViewFactory](http://docs.google.com/javax/swing/text/ViewFactory.html) f)            Gives notification from the document that attributes were changed in a location that this view is responsible for. |
| void | **FlowView.**[**changedUpdate**](http://docs.google.com/javax/swing/text/FlowView.html#changedUpdate(javax.swing.event.DocumentEvent,%20java.awt.Shape,%20javax.swing.text.ViewFactory))([DocumentEvent](http://docs.google.com/javax/swing/event/DocumentEvent.html) changes, [Shape](http://docs.google.com/java/awt/Shape.html) a, [ViewFactory](http://docs.google.com/javax/swing/text/ViewFactory.html) f)            Gives notification from the document that attributes were changed in a location that this view is responsible for. |
| void | **ParagraphView.**[**changedUpdate**](http://docs.google.com/javax/swing/text/ParagraphView.html#changedUpdate(javax.swing.event.DocumentEvent,%20java.awt.Shape,%20javax.swing.text.ViewFactory))([DocumentEvent](http://docs.google.com/javax/swing/event/DocumentEvent.html) changes, [Shape](http://docs.google.com/java/awt/Shape.html) a, [ViewFactory](http://docs.google.com/javax/swing/text/ViewFactory.html) f)            Gives notification from the document that attributes were changed in a location that this view is responsible for. |
| void | **LabelView.**[**changedUpdate**](http://docs.google.com/javax/swing/text/LabelView.html#changedUpdate(javax.swing.event.DocumentEvent,%20java.awt.Shape,%20javax.swing.text.ViewFactory))([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)            Gives notification from the document that attributes were changed in a location that this view is responsible for. |
| void | **GlyphView.**[**changedUpdate**](http://docs.google.com/javax/swing/text/GlyphView.html#changedUpdate(javax.swing.event.DocumentEvent,%20java.awt.Shape,%20javax.swing.text.ViewFactory))([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)            Gives notification from the document that attributes were changed in a location that this view is responsible for. |
| void | **View.**[**changedUpdate**](http://docs.google.com/javax/swing/text/View.html#changedUpdate(javax.swing.event.DocumentEvent,%20java.awt.Shape,%20javax.swing.text.ViewFactory))([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)            Gives notification from the document that attributes were changed in a location that this view is responsible for. |
| protected  void | **TableView.**[**forwardUpdate**](http://docs.google.com/javax/swing/text/TableView.html#forwardUpdate(javax.swing.event.DocumentEvent.ElementChange,%20javax.swing.event.DocumentEvent,%20java.awt.Shape,%20javax.swing.text.ViewFactory))([DocumentEvent.ElementChange](http://docs.google.com/javax/swing/event/DocumentEvent.ElementChange.html) ec, [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) |
| protected  void | **BoxView.**[**forwardUpdate**](http://docs.google.com/javax/swing/text/BoxView.html#forwardUpdate(javax.swing.event.DocumentEvent.ElementChange,%20javax.swing.event.DocumentEvent,%20java.awt.Shape,%20javax.swing.text.ViewFactory))([DocumentEvent.ElementChange](http://docs.google.com/javax/swing/event/DocumentEvent.ElementChange.html) ec, [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 given DocumentEvent to the child views that need to be notified of the change to the model. |
| protected  void | **View.**[**forwardUpdate**](http://docs.google.com/javax/swing/text/View.html#forwardUpdate(javax.swing.event.DocumentEvent.ElementChange,%20javax.swing.event.DocumentEvent,%20java.awt.Shape,%20javax.swing.text.ViewFactory))([DocumentEvent.ElementChange](http://docs.google.com/javax/swing/event/DocumentEvent.ElementChange.html) ec, [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 given DocumentEvent to the child views that need to be notified of the change to the model. |
| 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 | **FieldView.**[**insertUpdate**](http://docs.google.com/javax/swing/text/FieldView.html#insertUpdate(javax.swing.event.DocumentEvent,%20java.awt.Shape,%20javax.swing.text.ViewFactory))([DocumentEvent](http://docs.google.com/javax/swing/event/DocumentEvent.html) changes, [Shape](http://docs.google.com/java/awt/Shape.html) a, [ViewFactory](http://docs.google.com/javax/swing/text/ViewFactory.html) f)            Gives notification that something was inserted into the document in a location that this view is responsible for. |
| void | **ZoneView.**[**insertUpdate**](http://docs.google.com/javax/swing/text/ZoneView.html#insertUpdate(javax.swing.event.DocumentEvent,%20java.awt.Shape,%20javax.swing.text.ViewFactory))([DocumentEvent](http://docs.google.com/javax/swing/event/DocumentEvent.html) changes, [Shape](http://docs.google.com/java/awt/Shape.html) a, [ViewFactory](http://docs.google.com/javax/swing/text/ViewFactory.html) f)            Gives notification that something was inserted into the document in a location that this view is responsible for. |
| void | **WrappedPlainView.**[**insertUpdate**](http://docs.google.com/javax/swing/text/WrappedPlainView.html#insertUpdate(javax.swing.event.DocumentEvent,%20java.awt.Shape,%20javax.swing.text.ViewFactory))([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)            Gives notification that something was inserted into the document in a location that this view is responsible for. |
| void | **PlainView.**[**insertUpdate**](http://docs.google.com/javax/swing/text/PlainView.html#insertUpdate(javax.swing.event.DocumentEvent,%20java.awt.Shape,%20javax.swing.text.ViewFactory))([DocumentEvent](http://docs.google.com/javax/swing/event/DocumentEvent.html) changes, [Shape](http://docs.google.com/java/awt/Shape.html) a, [ViewFactory](http://docs.google.com/javax/swing/text/ViewFactory.html) f)            Gives notification that something was inserted into the document in a location that this view is responsible for. |
| void | **FlowView.**[**insertUpdate**](http://docs.google.com/javax/swing/text/FlowView.html#insertUpdate(javax.swing.event.DocumentEvent,%20java.awt.Shape,%20javax.swing.text.ViewFactory))([DocumentEvent](http://docs.google.com/javax/swing/event/DocumentEvent.html) changes, [Shape](http://docs.google.com/java/awt/Shape.html) a, [ViewFactory](http://docs.google.com/javax/swing/text/ViewFactory.html) f)            Gives notification that something was inserted into the document in a location that this view is responsible for. |
| void | **GlyphView.**[**insertUpdate**](http://docs.google.com/javax/swing/text/GlyphView.html#insertUpdate(javax.swing.event.DocumentEvent,%20java.awt.Shape,%20javax.swing.text.ViewFactory))([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)            Gives notification that something was inserted into the document in a location that this view is responsible for. |
| void | **View.**[**insertUpdate**](http://docs.google.com/javax/swing/text/View.html#insertUpdate(javax.swing.event.DocumentEvent,%20java.awt.Shape,%20javax.swing.text.ViewFactory))([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)            Gives notification that something was inserted into the document in a location that this view is responsible for. |
| protected  void | **ZoneView.**[**loadChildren**](http://docs.google.com/javax/swing/text/ZoneView.html#loadChildren(javax.swing.text.ViewFactory))([ViewFactory](http://docs.google.com/javax/swing/text/ViewFactory.html) f)            Loads all of the children to initialize the view. |
| protected  void | **AsyncBoxView.**[**loadChildren**](http://docs.google.com/javax/swing/text/AsyncBoxView.html#loadChildren(javax.swing.text.ViewFactory))([ViewFactory](http://docs.google.com/javax/swing/text/ViewFactory.html) f)            Loads all of the children to initialize the view. |
| protected  void | **WrappedPlainView.**[**loadChildren**](http://docs.google.com/javax/swing/text/WrappedPlainView.html#loadChildren(javax.swing.text.ViewFactory))([ViewFactory](http://docs.google.com/javax/swing/text/ViewFactory.html) f)            Loads all of the children to initialize the view. |
| protected  void | **FlowView.**[**loadChildren**](http://docs.google.com/javax/swing/text/FlowView.html#loadChildren(javax.swing.text.ViewFactory))([ViewFactory](http://docs.google.com/javax/swing/text/ViewFactory.html) f)            Loads all of the children to initialize the view. |
| protected  void | **CompositeView.**[**loadChildren**](http://docs.google.com/javax/swing/text/CompositeView.html#loadChildren(javax.swing.text.ViewFactory))([ViewFactory](http://docs.google.com/javax/swing/text/ViewFactory.html) f)            Loads all of the children to initialize the view. |
| void | **FieldView.**[**removeUpdate**](http://docs.google.com/javax/swing/text/FieldView.html#removeUpdate(javax.swing.event.DocumentEvent,%20java.awt.Shape,%20javax.swing.text.ViewFactory))([DocumentEvent](http://docs.google.com/javax/swing/event/DocumentEvent.html) changes, [Shape](http://docs.google.com/java/awt/Shape.html) a, [ViewFactory](http://docs.google.com/javax/swing/text/ViewFactory.html) f)            Gives notification that something was removed from the document in a location that this view is responsible for. |
| void | **ZoneView.**[**removeUpdate**](http://docs.google.com/javax/swing/text/ZoneView.html#removeUpdate(javax.swing.event.DocumentEvent,%20java.awt.Shape,%20javax.swing.text.ViewFactory))([DocumentEvent](http://docs.google.com/javax/swing/event/DocumentEvent.html) changes, [Shape](http://docs.google.com/java/awt/Shape.html) a, [ViewFactory](http://docs.google.com/javax/swing/text/ViewFactory.html) f)            Gives notification that something was removed from the document in a location that this view is responsible for. |
| void | **WrappedPlainView.**[**removeUpdate**](http://docs.google.com/javax/swing/text/WrappedPlainView.html#removeUpdate(javax.swing.event.DocumentEvent,%20java.awt.Shape,%20javax.swing.text.ViewFactory))([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)            Gives notification that something was removed from the document in a location that this view is responsible for. |
| void | **PlainView.**[**removeUpdate**](http://docs.google.com/javax/swing/text/PlainView.html#removeUpdate(javax.swing.event.DocumentEvent,%20java.awt.Shape,%20javax.swing.text.ViewFactory))([DocumentEvent](http://docs.google.com/javax/swing/event/DocumentEvent.html) changes, [Shape](http://docs.google.com/java/awt/Shape.html) a, [ViewFactory](http://docs.google.com/javax/swing/text/ViewFactory.html) f)            Gives notification that something was removed from the document in a location that this view is responsible for. |
| void | **FlowView.**[**removeUpdate**](http://docs.google.com/javax/swing/text/FlowView.html#removeUpdate(javax.swing.event.DocumentEvent,%20java.awt.Shape,%20javax.swing.text.ViewFactory))([DocumentEvent](http://docs.google.com/javax/swing/event/DocumentEvent.html) changes, [Shape](http://docs.google.com/java/awt/Shape.html) a, [ViewFactory](http://docs.google.com/javax/swing/text/ViewFactory.html) f)            Gives notification that something was removed from the document in a location that this view is responsible for. |
| void | **GlyphView.**[**removeUpdate**](http://docs.google.com/javax/swing/text/GlyphView.html#removeUpdate(javax.swing.event.DocumentEvent,%20java.awt.Shape,%20javax.swing.text.ViewFactory))([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)            Gives notification that something was removed from the document in a location that this view is responsible for. |
| void | **View.**[**removeUpdate**](http://docs.google.com/javax/swing/text/View.html#removeUpdate(javax.swing.event.DocumentEvent,%20java.awt.Shape,%20javax.swing.text.ViewFactory))([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)            Gives notification that something was removed from the document in a location that this view is responsible for. |
| protected  boolean | **ZoneView.**[**updateChildren**](http://docs.google.com/javax/swing/text/ZoneView.html#updateChildren(javax.swing.event.DocumentEvent.ElementChange,%20javax.swing.event.DocumentEvent,%20javax.swing.text.ViewFactory))([DocumentEvent.ElementChange](http://docs.google.com/javax/swing/event/DocumentEvent.ElementChange.html) ec, [DocumentEvent](http://docs.google.com/javax/swing/event/DocumentEvent.html) e, [ViewFactory](http://docs.google.com/javax/swing/text/ViewFactory.html) f)            The superclass behavior will try to update the child views which is not desired in this case, since the children are zones and not directly effected by the changes to the associated element. |
| protected  boolean | **View.**[**updateChildren**](http://docs.google.com/javax/swing/text/View.html#updateChildren(javax.swing.event.DocumentEvent.ElementChange,%20javax.swing.event.DocumentEvent,%20javax.swing.text.ViewFactory))([DocumentEvent.ElementChange](http://docs.google.com/javax/swing/event/DocumentEvent.ElementChange.html) ec, [DocumentEvent](http://docs.google.com/javax/swing/event/DocumentEvent.html) e, [ViewFactory](http://docs.google.com/javax/swing/text/ViewFactory.html) f)            Updates the child views in response to receiving notification that the model changed, and there is change record for the element this view is responsible for. |
| protected  void | **PlainView.**[**updateDamage**](http://docs.google.com/javax/swing/text/PlainView.html#updateDamage(javax.swing.event.DocumentEvent,%20java.awt.Shape,%20javax.swing.text.ViewFactory))([DocumentEvent](http://docs.google.com/javax/swing/event/DocumentEvent.html) changes, [Shape](http://docs.google.com/java/awt/Shape.html) a, [ViewFactory](http://docs.google.com/javax/swing/text/ViewFactory.html) f)            Repaint the region of change covered by the given document event. |

| Uses of [ViewFactory](http://docs.google.com/javax/swing/text/ViewFactory.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 [ViewFactory](http://docs.google.com/javax/swing/text/ViewFactory.html) | |
| --- | --- |
| static class | [**HTMLEditorKit.HTMLFactory**](http://docs.google.com/javax/swing/text/html/HTMLEditorKit.HTMLFactory.html)            A factory to build views for HTML. |

| Methods in [javax.swing.text.html](http://docs.google.com/javax/swing/text/html/package-summary.html) that return [ViewFactory](http://docs.google.com/javax/swing/text/ViewFactory.html) | |
| --- | --- |
| [ViewFactory](http://docs.google.com/javax/swing/text/ViewFactory.html) | **HTMLEditorKit.**[**getViewFactory**](http://docs.google.com/javax/swing/text/html/HTMLEditorKit.html#getViewFactory())()            Fetch a factory that is suitable for producing views of any models that are produced by this kit. |

| Methods in [javax.swing.text.html](http://docs.google.com/javax/swing/text/html/package-summary.html) with parameters of type [ViewFactory](http://docs.google.com/javax/swing/text/ViewFactory.html) | |
| --- | --- |
| void | **BlockView.**[**changedUpdate**](http://docs.google.com/javax/swing/text/html/BlockView.html#changedUpdate(javax.swing.event.DocumentEvent,%20java.awt.Shape,%20javax.swing.text.ViewFactory))([DocumentEvent](http://docs.google.com/javax/swing/event/DocumentEvent.html) changes, [Shape](http://docs.google.com/java/awt/Shape.html) a, [ViewFactory](http://docs.google.com/javax/swing/text/ViewFactory.html) f) |
| void | **ImageView.**[**changedUpdate**](http://docs.google.com/javax/swing/text/html/ImageView.html#changedUpdate(javax.swing.event.DocumentEvent,%20java.awt.Shape,%20javax.swing.text.ViewFactory))([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)            Invoked when the Elements attributes have changed. |
| void | **InlineView.**[**changedUpdate**](http://docs.google.com/javax/swing/text/html/InlineView.html#changedUpdate(javax.swing.event.DocumentEvent,%20java.awt.Shape,%20javax.swing.text.ViewFactory))([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)            Gives notification from the document that attributes were changed in a location that this view is responsible for. |
| void | **InlineView.**[**insertUpdate**](http://docs.google.com/javax/swing/text/html/InlineView.html#insertUpdate(javax.swing.event.DocumentEvent,%20java.awt.Shape,%20javax.swing.text.ViewFactory))([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)            Gives notification that something was inserted into the document in a location that this view is responsible for. |
| void | **InlineView.**[**removeUpdate**](http://docs.google.com/javax/swing/text/html/InlineView.html#removeUpdate(javax.swing.event.DocumentEvent,%20java.awt.Shape,%20javax.swing.text.ViewFactory))([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)            Gives notification that something was removed from the document in a location that this view is responsible for. |

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