| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/BasicEditorPaneUI.html) | [**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 CLASS**](http://docs.google.com/javax/swing/plaf/basic/BasicDirectoryModel.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/plaf/basic/BasicFileChooserUI.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/plaf/basic/BasicEditorPaneUI.html)    [**NO FRAMES**](http://docs.google.com/BasicEditorPaneUI.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: [NESTED](#2et92p0) | FIELD | [CONSTR](#tyjcwt) | [METHOD](#3dy6vkm) | DETAIL: FIELD | [CONSTR](#17dp8vu) | [METHOD](#26in1rg) |

## **javax.swing.plaf.basic**

Class BasicEditorPaneUI

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [javax.swing.plaf.ComponentUI](http://docs.google.com/javax/swing/plaf/ComponentUI.html)  
 [javax.swing.plaf.TextUI](http://docs.google.com/javax/swing/plaf/TextUI.html)  
 [javax.swing.plaf.basic.BasicTextUI](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html)  
 **javax.swing.plaf.basic.BasicEditorPaneUI**

**All Implemented Interfaces:** [ViewFactory](http://docs.google.com/javax/swing/text/ViewFactory.html) **Direct Known Subclasses:** [BasicTextPaneUI](http://docs.google.com/javax/swing/plaf/basic/BasicTextPaneUI.html)

public class **BasicEditorPaneUI**extends [BasicTextUI](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html)

Provides the look and feel for a JEditorPane.

**Warning:** Serialized objects of this class will not be compatible with future Swing releases. The current serialization support is appropriate for short term storage or RMI between applications running the same version of Swing. As of 1.4, support for long term storage of all JavaBeansTM has been added to the java.beans package. Please see [XMLEncoder](http://docs.google.com/java/beans/XMLEncoder.html).

| **Nested Class Summary** | |
| --- | --- |

| **Nested classes/interfaces inherited from class javax.swing.plaf.basic.**[**BasicTextUI**](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html) |
| --- |
| [BasicTextUI.BasicCaret](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.BasicCaret.html), [BasicTextUI.BasicHighlighter](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.BasicHighlighter.html) |

| **Constructor Summary** | |
| --- | --- |
| [**BasicEditorPaneUI**](http://docs.google.com/javax/swing/plaf/basic/BasicEditorPaneUI.html#BasicEditorPaneUI())()            Creates a new BasicEditorPaneUI. |

| **Method Summary** | |
| --- | --- |
| static [ComponentUI](http://docs.google.com/javax/swing/plaf/ComponentUI.html) | [**createUI**](http://docs.google.com/javax/swing/plaf/basic/BasicEditorPaneUI.html#createUI(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c)            Creates a UI for the JTextPane. |
| [EditorKit](http://docs.google.com/javax/swing/text/EditorKit.html) | [**getEditorKit**](http://docs.google.com/javax/swing/plaf/basic/BasicEditorPaneUI.html#getEditorKit(javax.swing.text.JTextComponent))([JTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.html) tc)            Fetches the EditorKit for the UI. |
| protected  [String](http://docs.google.com/java/lang/String.html) | [**getPropertyPrefix**](http://docs.google.com/javax/swing/plaf/basic/BasicEditorPaneUI.html#getPropertyPrefix())()            Fetches the name used as a key to lookup properties through the UIManager. |
| void | [**installUI**](http://docs.google.com/javax/swing/plaf/basic/BasicEditorPaneUI.html#installUI(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c)            Installs the UI for a component. |
| protected  void | [**propertyChange**](http://docs.google.com/javax/swing/plaf/basic/BasicEditorPaneUI.html#propertyChange(java.beans.PropertyChangeEvent))([PropertyChangeEvent](http://docs.google.com/java/beans/PropertyChangeEvent.html) evt)            This method gets called when a bound property is changed on the associated JTextComponent. |
| void | [**uninstallUI**](http://docs.google.com/javax/swing/plaf/basic/BasicEditorPaneUI.html#uninstallUI(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c)            Deinstalls the UI for a component. |

| **Methods inherited from class javax.swing.plaf.basic.**[**BasicTextUI**](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html) |
| --- |
| [create](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#create(javax.swing.text.Element)), [create](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#create(javax.swing.text.Element,%20int,%20int)), [createCaret](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#createCaret()), [createHighlighter](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#createHighlighter()), [createKeymap](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#createKeymap()), [damageRange](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#damageRange(javax.swing.text.JTextComponent,%20int,%20int)), [damageRange](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#damageRange(javax.swing.text.JTextComponent,%20int,%20int,%20javax.swing.text.Position.Bias,%20javax.swing.text.Position.Bias)), [getComponent](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#getComponent()), [getKeymapName](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#getKeymapName()), [getMaximumSize](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#getMaximumSize(javax.swing.JComponent)), [getMinimumSize](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#getMinimumSize(javax.swing.JComponent)), [getNextVisualPositionFrom](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#getNextVisualPositionFrom(javax.swing.text.JTextComponent,%20int,%20javax.swing.text.Position.Bias,%20int,%20javax.swing.text.Position.Bias%5B%5D)), [getPreferredSize](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#getPreferredSize(javax.swing.JComponent)), [getRootView](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#getRootView(javax.swing.text.JTextComponent)), [getToolTipText](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#getToolTipText(javax.swing.text.JTextComponent,%20java.awt.Point)), [getVisibleEditorRect](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#getVisibleEditorRect()), [installDefaults](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#installDefaults()), [installKeyboardActions](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#installKeyboardActions()), [installListeners](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#installListeners()), [modelChanged](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#modelChanged()), [modelToView](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#modelToView(javax.swing.text.JTextComponent,%20int)), [modelToView](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#modelToView(javax.swing.text.JTextComponent,%20int,%20javax.swing.text.Position.Bias)), [paint](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#paint(java.awt.Graphics,%20javax.swing.JComponent)), [paintBackground](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#paintBackground(java.awt.Graphics)), [paintSafely](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#paintSafely(java.awt.Graphics)), [setView](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#setView(javax.swing.text.View)), [uninstallDefaults](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#uninstallDefaults()), [uninstallKeyboardActions](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#uninstallKeyboardActions()), [uninstallListeners](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#uninstallListeners()), [update](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#update(java.awt.Graphics,%20javax.swing.JComponent)), [viewToModel](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#viewToModel(javax.swing.text.JTextComponent,%20java.awt.Point)), [viewToModel](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#viewToModel(javax.swing.text.JTextComponent,%20java.awt.Point,%20javax.swing.text.Position.Bias%5B%5D)) |

| **Methods inherited from class javax.swing.plaf.**[**ComponentUI**](http://docs.google.com/javax/swing/plaf/ComponentUI.html) |
| --- |
| [contains](http://docs.google.com/javax/swing/plaf/ComponentUI.html#contains(javax.swing.JComponent,%20int,%20int)), [getAccessibleChild](http://docs.google.com/javax/swing/plaf/ComponentUI.html#getAccessibleChild(javax.swing.JComponent,%20int)), [getAccessibleChildrenCount](http://docs.google.com/javax/swing/plaf/ComponentUI.html#getAccessibleChildrenCount(javax.swing.JComponent)), [getBaseline](http://docs.google.com/javax/swing/plaf/ComponentUI.html#getBaseline(javax.swing.JComponent,%20int,%20int)), [getBaselineResizeBehavior](http://docs.google.com/javax/swing/plaf/ComponentUI.html#getBaselineResizeBehavior(javax.swing.JComponent)) |

| **Methods inherited from class java.lang.**[**Object**](http://docs.google.com/java/lang/Object.html) |
| --- |
| [clone](http://docs.google.com/java/lang/Object.html#clone()), [equals](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)), [finalize](http://docs.google.com/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [hashCode](http://docs.google.com/java/lang/Object.html#hashCode()), [notify](http://docs.google.com/java/lang/Object.html#notify()), [notifyAll](http://docs.google.com/java/lang/Object.html#notifyAll()), [toString](http://docs.google.com/java/lang/Object.html#toString()), [wait](http://docs.google.com/java/lang/Object.html#wait()), [wait](http://docs.google.com/java/lang/Object.html#wait(long)), [wait](http://docs.google.com/java/lang/Object.html#wait(long,%20int)) |

| **Constructor Detail** |
| --- |

### BasicEditorPaneUI

public **BasicEditorPaneUI**()

Creates a new BasicEditorPaneUI.

| **Method Detail** |
| --- |

### createUI

public static [ComponentUI](http://docs.google.com/javax/swing/plaf/ComponentUI.html) **createUI**([JComponent](http://docs.google.com/javax/swing/JComponent.html) c)

Creates a UI for the JTextPane.

**Parameters:**c - the JTextPane component **Returns:**the UI

### getPropertyPrefix

protected [String](http://docs.google.com/java/lang/String.html) **getPropertyPrefix**()

Fetches the name used as a key to lookup properties through the UIManager. This is used as a prefix to all the standard text properties.

**Specified by:**[getPropertyPrefix](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#getPropertyPrefix()) in class [BasicTextUI](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html) **Returns:**the name ("EditorPane")

### installUI

public void **installUI**([JComponent](http://docs.google.com/javax/swing/JComponent.html) c)

Installs the UI for a component. This does the following things.

1. Set the associated component to opaque (can be changed easily by a subclass or on JTextComponent directly), which is the most common case. This will cause the component's background color to be painted.
2. Install the default caret and highlighter into the associated component.
3. Attach to the editor and model. If there is no model, a default one is created.
4. create the view factory and the view hierarchy used to represent the model.

**Overrides:**[installUI](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#installUI(javax.swing.JComponent)) in class [BasicTextUI](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html) **Parameters:**c - the editor component**Since:** 1.5 **See Also:**[ComponentUI.installUI(javax.swing.JComponent)](http://docs.google.com/javax/swing/plaf/ComponentUI.html#installUI(javax.swing.JComponent))

### uninstallUI

public void **uninstallUI**([JComponent](http://docs.google.com/javax/swing/JComponent.html) c)

Deinstalls the UI for a component. This removes the listeners, uninstalls the highlighter, removes views, and nulls out the keymap.

**Overrides:**[uninstallUI](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#uninstallUI(javax.swing.JComponent)) in class [BasicTextUI](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html) **Parameters:**c - the editor component**Since:** 1.5 **See Also:**[ComponentUI.uninstallUI(javax.swing.JComponent)](http://docs.google.com/javax/swing/plaf/ComponentUI.html#uninstallUI(javax.swing.JComponent))

### getEditorKit

public [EditorKit](http://docs.google.com/javax/swing/text/EditorKit.html) **getEditorKit**([JTextComponent](http://docs.google.com/javax/swing/text/JTextComponent.html) tc)

Fetches the EditorKit for the UI. This is whatever is currently set in the associated JEditorPane.

**Overrides:**[getEditorKit](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#getEditorKit(javax.swing.text.JTextComponent)) in class [BasicTextUI](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html) **Parameters:**tc - the text component for which this UI is installed **Returns:**the editor capabilities**See Also:**[TextUI.getEditorKit(javax.swing.text.JTextComponent)](http://docs.google.com/javax/swing/plaf/TextUI.html#getEditorKit(javax.swing.text.JTextComponent))

### propertyChange

protected void **propertyChange**([PropertyChangeEvent](http://docs.google.com/java/beans/PropertyChangeEvent.html) evt)

This method gets called when a bound property is changed on the associated JTextComponent. This is a hook which UI implementations may change to reflect how the UI displays bound properties of JTextComponent subclasses. This is implemented to rebuild the ActionMap based upon an EditorKit change.

**Overrides:**[propertyChange](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#propertyChange(java.beans.PropertyChangeEvent)) in class [BasicTextUI](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html) **Parameters:**evt - the property change event

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/BasicEditorPaneUI.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
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| SUMMARY: [NESTED](#2et92p0) | FIELD | [CONSTR](#tyjcwt) | [METHOD](#3dy6vkm) | DETAIL: FIELD | [CONSTR](#17dp8vu) | [METHOD](#26in1rg) |

[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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