| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/BasicTextPaneUI.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/BasicTextFieldUI.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/plaf/basic/BasicTextPaneUI.html)    [**NO FRAMES**](http://docs.google.com/BasicTextPaneUI.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: [NESTED](#2et92p0) | FIELD | [CONSTR](#tyjcwt) | [METHOD](#3dy6vkm) | DETAIL: FIELD | [CONSTR](#3rdcrjn) | [METHOD](#lnxbz9) |

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

Class BasicTextPaneUI

[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](http://docs.google.com/javax/swing/plaf/basic/BasicEditorPaneUI.html)  
 **javax.swing.plaf.basic.BasicTextPaneUI**

**All Implemented Interfaces:** [ViewFactory](http://docs.google.com/javax/swing/text/ViewFactory.html)

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

Provides the look and feel for a styled text editor.

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

| **Method Summary** | |
| --- | --- |
| static [ComponentUI](http://docs.google.com/javax/swing/plaf/ComponentUI.html) | [**createUI**](http://docs.google.com/javax/swing/plaf/basic/BasicTextPaneUI.html#createUI(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c)            Creates a UI for the JTextPane. |
| protected  [String](http://docs.google.com/java/lang/String.html) | [**getPropertyPrefix**](http://docs.google.com/javax/swing/plaf/basic/BasicTextPaneUI.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/BasicTextPaneUI.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/BasicTextPaneUI.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. |

| **Methods inherited from class javax.swing.plaf.basic.**[**BasicEditorPaneUI**](http://docs.google.com/javax/swing/plaf/basic/BasicEditorPaneUI.html) |
| --- |
| [getEditorKit](http://docs.google.com/javax/swing/plaf/basic/BasicEditorPaneUI.html#getEditorKit(javax.swing.text.JTextComponent)), [uninstallUI](http://docs.google.com/javax/swing/plaf/basic/BasicEditorPaneUI.html#uninstallUI(javax.swing.JComponent)) |

| **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** |
| --- |

### BasicTextPaneUI

public **BasicTextPaneUI**()

Creates a new BasicTextPaneUI.

| **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 object **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.

**Overrides:**[getPropertyPrefix](http://docs.google.com/javax/swing/plaf/basic/BasicEditorPaneUI.html#getPropertyPrefix()) in class [BasicEditorPaneUI](http://docs.google.com/javax/swing/plaf/basic/BasicEditorPaneUI.html) **Returns:**the name ("TextPane")

### installUI

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

**Description copied from class:** [**BasicEditorPaneUI**](http://docs.google.com/javax/swing/plaf/basic/BasicEditorPaneUI.html#installUI(javax.swing.JComponent)) 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/BasicEditorPaneUI.html#installUI(javax.swing.JComponent)) in class [BasicEditorPaneUI](http://docs.google.com/javax/swing/plaf/basic/BasicEditorPaneUI.html) **Parameters:**c - the editor component**See Also:**[ComponentUI.installUI(javax.swing.JComponent)](http://docs.google.com/javax/swing/plaf/ComponentUI.html#installUI(javax.swing.JComponent))

### 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. If the font, foreground or document has changed, the the appropriate property is set in the default style of the document.

**Overrides:**[propertyChange](http://docs.google.com/javax/swing/plaf/basic/BasicEditorPaneUI.html#propertyChange(java.beans.PropertyChangeEvent)) in class [BasicEditorPaneUI](http://docs.google.com/javax/swing/plaf/basic/BasicEditorPaneUI.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/BasicTextPaneUI.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/BasicTextFieldUI.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/plaf/basic/BasicTextPaneUI.html)    [**NO FRAMES**](http://docs.google.com/BasicTextPaneUI.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: [NESTED](#2et92p0) | FIELD | [CONSTR](#tyjcwt) | [METHOD](#3dy6vkm) | DETAIL: FIELD | [CONSTR](#3rdcrjn) | [METHOD](#lnxbz9) |

[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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