| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/BasicPasswordFieldUI.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/BasicPanelUI.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/plaf/basic/BasicPopupMenuSeparatorUI.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/plaf/basic/BasicPasswordFieldUI.html)    [**NO FRAMES**](http://docs.google.com/BasicPasswordFieldUI.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 BasicPasswordFieldUI

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

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

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

Provides the Windows look and feel for a password field. The only difference from the standard text field is that the view of the text is simply a string of the echo character as specified in JPasswordField, rather than the real text contained in the field.

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

| **Method Summary** | |
| --- | --- |
| [View](http://docs.google.com/javax/swing/text/View.html) | [**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. |
| static [ComponentUI](http://docs.google.com/javax/swing/plaf/ComponentUI.html) | [**createUI**](http://docs.google.com/javax/swing/plaf/basic/BasicPasswordFieldUI.html#createUI(javax.swing.JComponent))([JComponent](http://docs.google.com/javax/swing/JComponent.html) c)            Creates a UI for a JPasswordField. |
| protected  [String](http://docs.google.com/java/lang/String.html) | [**getPropertyPrefix**](http://docs.google.com/javax/swing/plaf/basic/BasicPasswordFieldUI.html#getPropertyPrefix())()            Fetches the name used as a key to look up properties through the UIManager. |
| protected  void | [**installDefaults**](http://docs.google.com/javax/swing/plaf/basic/BasicPasswordFieldUI.html#installDefaults())()            Installs the necessary properties on the JPasswordField. |

| **Methods inherited from class javax.swing.plaf.basic.**[**BasicTextFieldUI**](http://docs.google.com/javax/swing/plaf/basic/BasicTextFieldUI.html) |
| --- |
| [getBaseline](http://docs.google.com/javax/swing/plaf/basic/BasicTextFieldUI.html#getBaseline(javax.swing.JComponent,%20int,%20int)), [getBaselineResizeBehavior](http://docs.google.com/javax/swing/plaf/basic/BasicTextFieldUI.html#getBaselineResizeBehavior(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,%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()), [getEditorKit](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#getEditorKit(javax.swing.text.JTextComponent)), [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()), [installKeyboardActions](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#installKeyboardActions()), [installListeners](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#installListeners()), [installUI](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#installUI(javax.swing.JComponent)), [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)), [propertyChange](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#propertyChange(java.beans.PropertyChangeEvent)), [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()), [uninstallUI](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#uninstallUI(javax.swing.JComponent)), [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)) |

| **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** |
| --- |

### BasicPasswordFieldUI

public **BasicPasswordFieldUI**()

| **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 a JPasswordField.

**Parameters:**c - the JPasswordField **Returns:**the UI

### getPropertyPrefix

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

Fetches the name used as a key to look up 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/BasicTextFieldUI.html#getPropertyPrefix()) in class [BasicTextFieldUI](http://docs.google.com/javax/swing/plaf/basic/BasicTextFieldUI.html) **Returns:**the name ("PasswordField")

### installDefaults

protected void **installDefaults**()

Installs the necessary properties on the JPasswordField.

**Overrides:**[installDefaults](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#installDefaults()) in class [BasicTextUI](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html) **Since:** 1.6 **See Also:**[BasicTextUI.uninstallDefaults()](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#uninstallDefaults()), [BasicTextUI.installUI(javax.swing.JComponent)](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.html#installUI(javax.swing.JComponent))

### create

public [View](http://docs.google.com/javax/swing/text/View.html) **create**([Element](http://docs.google.com/javax/swing/text/Element.html) elem)

Creates a view (PasswordView) for an element.

**Specified by:**[create](http://docs.google.com/javax/swing/text/ViewFactory.html#create(javax.swing.text.Element)) in interface [ViewFactory](http://docs.google.com/javax/swing/text/ViewFactory.html)**Overrides:**[create](http://docs.google.com/javax/swing/plaf/basic/BasicTextFieldUI.html#create(javax.swing.text.Element)) in class [BasicTextFieldUI](http://docs.google.com/javax/swing/plaf/basic/BasicTextFieldUI.html) **Parameters:**elem - the element **Returns:**the view**See Also:**[View](http://docs.google.com/javax/swing/text/View.html)

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/BasicPasswordFieldUI.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/BasicPanelUI.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/plaf/basic/BasicPopupMenuSeparatorUI.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/plaf/basic/BasicPasswordFieldUI.html)    [**NO FRAMES**](http://docs.google.com/BasicPasswordFieldUI.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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