| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/BasicTreeUI.KeyHandler.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/BasicTreeUI.FocusHandler.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.MouseHandler.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/plaf/basic/BasicTreeUI.KeyHandler.html)    [**NO FRAMES**](http://docs.google.com/BasicTreeUI.KeyHandler.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: [FIELD](#1t3h5sf) | [CONSTR](#17dp8vu) | [METHOD](#26in1rg) |

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

Class BasicTreeUI.KeyHandler

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [java.awt.event.KeyAdapter](http://docs.google.com/java/awt/event/KeyAdapter.html)  
 **javax.swing.plaf.basic.BasicTreeUI.KeyHandler**

**All Implemented Interfaces:** [KeyListener](http://docs.google.com/java/awt/event/KeyListener.html), [EventListener](http://docs.google.com/java/util/EventListener.html) **Enclosing class:**[BasicTreeUI](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.html)

public class **BasicTreeUI.KeyHandler**extends [KeyAdapter](http://docs.google.com/java/awt/event/KeyAdapter.html)

This is used to get mutliple key down events to appropriately generate events.

| **Field Summary** | |
| --- | --- |
| protected  boolean | [**isKeyDown**](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.KeyHandler.html#isKeyDown)            Set to true while keyPressed is active. |
| protected  [Action](http://docs.google.com/javax/swing/Action.html) | [**repeatKeyAction**](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.KeyHandler.html#repeatKeyAction)            Key code that is being generated for. |

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

| **Method Summary** | |
| --- | --- |
| void | [**keyPressed**](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.KeyHandler.html#keyPressed(java.awt.event.KeyEvent))([KeyEvent](http://docs.google.com/java/awt/event/KeyEvent.html) e)            Invoked when a key has been pressed. |
| void | [**keyReleased**](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.KeyHandler.html#keyReleased(java.awt.event.KeyEvent))([KeyEvent](http://docs.google.com/java/awt/event/KeyEvent.html) e)            Invoked when a key has been released. |
| void | [**keyTyped**](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.KeyHandler.html#keyTyped(java.awt.event.KeyEvent))([KeyEvent](http://docs.google.com/java/awt/event/KeyEvent.html) e)            Invoked when a key has been typed. |

| **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)) |

| **Field Detail** |
| --- |

### repeatKeyAction

protected [Action](http://docs.google.com/javax/swing/Action.html) **repeatKeyAction**

Key code that is being generated for.

### isKeyDown

protected boolean **isKeyDown**

Set to true while keyPressed is active.

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

### BasicTreeUI.KeyHandler

public **BasicTreeUI.KeyHandler**()

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

### keyTyped

public void **keyTyped**([KeyEvent](http://docs.google.com/java/awt/event/KeyEvent.html) e)

Invoked when a key has been typed. Moves the keyboard focus to the first element whose first letter matches the alphanumeric key pressed by the user. Subsequent same key presses move the keyboard focus to the next object that starts with the same letter.

**Specified by:**[keyTyped](http://docs.google.com/java/awt/event/KeyListener.html#keyTyped(java.awt.event.KeyEvent)) in interface [KeyListener](http://docs.google.com/java/awt/event/KeyListener.html)**Overrides:**[keyTyped](http://docs.google.com/java/awt/event/KeyAdapter.html#keyTyped(java.awt.event.KeyEvent)) in class [KeyAdapter](http://docs.google.com/java/awt/event/KeyAdapter.html)

### keyPressed

public void **keyPressed**([KeyEvent](http://docs.google.com/java/awt/event/KeyEvent.html) e)

**Description copied from class:** [**KeyAdapter**](http://docs.google.com/java/awt/event/KeyAdapter.html#keyPressed(java.awt.event.KeyEvent)) Invoked when a key has been pressed.

**Specified by:**[keyPressed](http://docs.google.com/java/awt/event/KeyListener.html#keyPressed(java.awt.event.KeyEvent)) in interface [KeyListener](http://docs.google.com/java/awt/event/KeyListener.html)**Overrides:**[keyPressed](http://docs.google.com/java/awt/event/KeyAdapter.html#keyPressed(java.awt.event.KeyEvent)) in class [KeyAdapter](http://docs.google.com/java/awt/event/KeyAdapter.html)

### keyReleased

public void **keyReleased**([KeyEvent](http://docs.google.com/java/awt/event/KeyEvent.html) e)

**Description copied from class:** [**KeyAdapter**](http://docs.google.com/java/awt/event/KeyAdapter.html#keyReleased(java.awt.event.KeyEvent)) Invoked when a key has been released.

**Specified by:**[keyReleased](http://docs.google.com/java/awt/event/KeyListener.html#keyReleased(java.awt.event.KeyEvent)) in interface [KeyListener](http://docs.google.com/java/awt/event/KeyListener.html)**Overrides:**[keyReleased](http://docs.google.com/java/awt/event/KeyAdapter.html#keyReleased(java.awt.event.KeyEvent)) in class [KeyAdapter](http://docs.google.com/java/awt/event/KeyAdapter.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/BasicTreeUI.KeyHandler.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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[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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