| | [**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.TreeTraverseAction.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.TreeToggleAction.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/plaf/basic/BasicViewportUI.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/plaf/basic/BasicTreeUI.TreeTraverseAction.html)    [**NO FRAMES**](http://docs.google.com/BasicTreeUI.TreeTraverseAction.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#3dy6vkm) | [METHOD](#1t3h5sf) | DETAIL: [FIELD](#17dp8vu) | [CONSTR](#26in1rg) | [METHOD](#35nkun2) |

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

Class BasicTreeUI.TreeTraverseAction

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [javax.swing.AbstractAction](http://docs.google.com/javax/swing/AbstractAction.html)  
 **javax.swing.plaf.basic.BasicTreeUI.TreeTraverseAction**

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

public class **BasicTreeUI.TreeTraverseAction**extends [AbstractAction](http://docs.google.com/javax/swing/AbstractAction.html)

TreeTraverseAction is the action used for left/right keys. Will toggle the expandedness of a node, as well as potentially incrementing the selection.

| **Field Summary** | |
| --- | --- |
| protected  int | [**direction**](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.TreeTraverseAction.html#direction)            Determines direction to traverse, 1 means expand, -1 means collapse. |

| **Fields inherited from class javax.swing.**[**AbstractAction**](http://docs.google.com/javax/swing/AbstractAction.html) |
| --- |
| [changeSupport](http://docs.google.com/javax/swing/AbstractAction.html#changeSupport), [enabled](http://docs.google.com/javax/swing/AbstractAction.html#enabled) |

| **Fields inherited from interface javax.swing.**[**Action**](http://docs.google.com/javax/swing/Action.html) |
| --- |
| [ACCELERATOR\_KEY](http://docs.google.com/javax/swing/Action.html#ACCELERATOR_KEY), [ACTION\_COMMAND\_KEY](http://docs.google.com/javax/swing/Action.html#ACTION_COMMAND_KEY), [DEFAULT](http://docs.google.com/javax/swing/Action.html#DEFAULT), [DISPLAYED\_MNEMONIC\_INDEX\_KEY](http://docs.google.com/javax/swing/Action.html#DISPLAYED_MNEMONIC_INDEX_KEY), [LARGE\_ICON\_KEY](http://docs.google.com/javax/swing/Action.html#LARGE_ICON_KEY), [LONG\_DESCRIPTION](http://docs.google.com/javax/swing/Action.html#LONG_DESCRIPTION), [MNEMONIC\_KEY](http://docs.google.com/javax/swing/Action.html#MNEMONIC_KEY), [NAME](http://docs.google.com/javax/swing/Action.html#NAME), [SELECTED\_KEY](http://docs.google.com/javax/swing/Action.html#SELECTED_KEY), [SHORT\_DESCRIPTION](http://docs.google.com/javax/swing/Action.html#SHORT_DESCRIPTION), [SMALL\_ICON](http://docs.google.com/javax/swing/Action.html#SMALL_ICON) |

| **Constructor Summary** | |
| --- | --- |
| [**BasicTreeUI.TreeTraverseAction**](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.TreeTraverseAction.html#BasicTreeUI.TreeTraverseAction(int,%20java.lang.String))(int direction, [String](http://docs.google.com/java/lang/String.html) name) |

| **Method Summary** | |
| --- | --- |
| void | [**actionPerformed**](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.TreeTraverseAction.html#actionPerformed(java.awt.event.ActionEvent))([ActionEvent](http://docs.google.com/java/awt/event/ActionEvent.html) e)            Invoked when an action occurs. |
| boolean | [**isEnabled**](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.TreeTraverseAction.html#isEnabled())()            Returns true if the action is enabled. |

| **Methods inherited from class javax.swing.**[**AbstractAction**](http://docs.google.com/javax/swing/AbstractAction.html) |
| --- |
| [addPropertyChangeListener](http://docs.google.com/javax/swing/AbstractAction.html#addPropertyChangeListener(java.beans.PropertyChangeListener)), [clone](http://docs.google.com/javax/swing/AbstractAction.html#clone()), [firePropertyChange](http://docs.google.com/javax/swing/AbstractAction.html#firePropertyChange(java.lang.String,%20java.lang.Object,%20java.lang.Object)), [getKeys](http://docs.google.com/javax/swing/AbstractAction.html#getKeys()), [getPropertyChangeListeners](http://docs.google.com/javax/swing/AbstractAction.html#getPropertyChangeListeners()), [getValue](http://docs.google.com/javax/swing/AbstractAction.html#getValue(java.lang.String)), [putValue](http://docs.google.com/javax/swing/AbstractAction.html#putValue(java.lang.String,%20java.lang.Object)), [removePropertyChangeListener](http://docs.google.com/javax/swing/AbstractAction.html#removePropertyChangeListener(java.beans.PropertyChangeListener)), [setEnabled](http://docs.google.com/javax/swing/AbstractAction.html#setEnabled(boolean)) |

| **Methods inherited from class java.lang.**[**Object**](http://docs.google.com/java/lang/Object.html) |
| --- |
| [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** |
| --- |

### direction

protected int **direction**

Determines direction to traverse, 1 means expand, -1 means collapse.

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

### BasicTreeUI.TreeTraverseAction

public **BasicTreeUI.TreeTraverseAction**(int direction,  
 [String](http://docs.google.com/java/lang/String.html) name)

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

### actionPerformed

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

**Description copied from interface:** [**ActionListener**](http://docs.google.com/java/awt/event/ActionListener.html#actionPerformed(java.awt.event.ActionEvent)) Invoked when an action occurs.

### isEnabled

public boolean **isEnabled**()

**Description copied from class:** [**AbstractAction**](http://docs.google.com/javax/swing/AbstractAction.html#isEnabled()) Returns true if the action is enabled.

**Specified by:**[isEnabled](http://docs.google.com/javax/swing/Action.html#isEnabled()) in interface [Action](http://docs.google.com/javax/swing/Action.html)**Overrides:**[isEnabled](http://docs.google.com/javax/swing/AbstractAction.html#isEnabled()) in class [AbstractAction](http://docs.google.com/javax/swing/AbstractAction.html) **Returns:**true if the action is enabled, false otherwise**See Also:**[Action.isEnabled()](http://docs.google.com/javax/swing/Action.html#isEnabled())

| | [**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.TreeTraverseAction.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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