| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | Class | **Use** | [**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   NEXT | [**FRAMES**](http://docs.google.com/index.html?javax/swing/tree/package-use.html)    [**NO FRAMES**](http://docs.google.com/package-use.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Package**

**javax.swing.tree**

| Packages that use [javax.swing.tree](http://docs.google.com/javax/swing/tree/package-summary.html) | |
| --- | --- |
| [**javax.swing**](#3znysh7) | Provides a set of "lightweight" (all-Java language) components that, to the maximum degree possible, work the same on all platforms. |
| [**javax.swing.event**](#2et92p0) | Provides for events fired by Swing components. |
| [**javax.swing.plaf**](#tyjcwt) | Provides one interface and many abstract classes that Swing uses to provide its pluggable look-and-feel capabilities. |
| [**javax.swing.plaf.basic**](#3dy6vkm) | Provides user interface objects built according to the Basic look and feel. |
| [**javax.swing.plaf.metal**](#1t3h5sf) | Provides user interface objects built according to the Java look and feel (once codenamed *Metal*), which is the default look and feel. |
| [**javax.swing.plaf.multi**](#4d34og8) | Provides user interface objects that combine two or more look and feels. |
| [**javax.swing.text**](#2s8eyo1) | Provides classes and interfaces that deal with editable and noneditable text components. |
| [**javax.swing.text.html**](#17dp8vu) | Provides the class HTMLEditorKit and supporting classes for creating HTML text editors. |
| [**javax.swing.tree**](#3rdcrjn) | Provides classes and interfaces for dealing with javax.swing.JTree. |

| Classes in [javax.swing.tree](http://docs.google.com/javax/swing/tree/package-summary.html) used by [javax.swing](http://docs.google.com/javax/swing/package-summary.html) | |
| --- | --- |
| [**DefaultMutableTreeNode**](http://docs.google.com/javax/swing/tree/class-use/DefaultMutableTreeNode.html#javax.swing)            A DefaultMutableTreeNode is a general-purpose node in a tree data structure. |
| [**DefaultTreeSelectionModel**](http://docs.google.com/javax/swing/tree/class-use/DefaultTreeSelectionModel.html#javax.swing)            Default implementation of TreeSelectionModel. |
| [**ExpandVetoException**](http://docs.google.com/javax/swing/tree/class-use/ExpandVetoException.html#javax.swing)            Exception used to stop and expand/collapse from happening. |
| [**MutableTreeNode**](http://docs.google.com/javax/swing/tree/class-use/MutableTreeNode.html#javax.swing)            Defines the requirements for a tree node object that can change -- by adding or removing child nodes, or by changing the contents of a user object stored in the node. |
| [**TreeCellEditor**](http://docs.google.com/javax/swing/tree/class-use/TreeCellEditor.html#javax.swing)            Adds to CellEditor the extensions necessary to configure an editor in a tree. |
| [**TreeCellRenderer**](http://docs.google.com/javax/swing/tree/class-use/TreeCellRenderer.html#javax.swing)            Defines the requirements for an object that displays a tree node. |
| [**TreeModel**](http://docs.google.com/javax/swing/tree/class-use/TreeModel.html#javax.swing)            The model used by JTree. |
| [**TreeNode**](http://docs.google.com/javax/swing/tree/class-use/TreeNode.html#javax.swing)            Defines the requirements for an object that can be used as a tree node in a JTree. |
| [**TreePath**](http://docs.google.com/javax/swing/tree/class-use/TreePath.html#javax.swing)            Represents a path to a node. |
| [**TreeSelectionModel**](http://docs.google.com/javax/swing/tree/class-use/TreeSelectionModel.html#javax.swing)            This interface represents the current state of the selection for the tree component. |

| Classes in [javax.swing.tree](http://docs.google.com/javax/swing/tree/package-summary.html) used by [javax.swing.event](http://docs.google.com/javax/swing/event/package-summary.html) | |
| --- | --- |
| [**ExpandVetoException**](http://docs.google.com/javax/swing/tree/class-use/ExpandVetoException.html#javax.swing.event)            Exception used to stop and expand/collapse from happening. |
| [**TreePath**](http://docs.google.com/javax/swing/tree/class-use/TreePath.html#javax.swing.event)            Represents a path to a node. |

| Classes in [javax.swing.tree](http://docs.google.com/javax/swing/tree/package-summary.html) used by [javax.swing.plaf](http://docs.google.com/javax/swing/plaf/package-summary.html) | |
| --- | --- |
| [**TreePath**](http://docs.google.com/javax/swing/tree/class-use/TreePath.html#javax.swing.plaf)            Represents a path to a node. |

| Classes in [javax.swing.tree](http://docs.google.com/javax/swing/tree/package-summary.html) used by [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) | |
| --- | --- |
| [**AbstractLayoutCache**](http://docs.google.com/javax/swing/tree/class-use/AbstractLayoutCache.html#javax.swing.plaf.basic)  **Warning:** Serialized objects of this class will not be compatible with future Swing releases. |
| [**AbstractLayoutCache.NodeDimensions**](http://docs.google.com/javax/swing/tree/class-use/AbstractLayoutCache.NodeDimensions.html#javax.swing.plaf.basic)            Used by AbstractLayoutCache to determine the size and x origin of a particular node. |
| [**TreeCellEditor**](http://docs.google.com/javax/swing/tree/class-use/TreeCellEditor.html#javax.swing.plaf.basic)            Adds to CellEditor the extensions necessary to configure an editor in a tree. |
| [**TreeCellRenderer**](http://docs.google.com/javax/swing/tree/class-use/TreeCellRenderer.html#javax.swing.plaf.basic)            Defines the requirements for an object that displays a tree node. |
| [**TreeModel**](http://docs.google.com/javax/swing/tree/class-use/TreeModel.html#javax.swing.plaf.basic)            The model used by JTree. |
| [**TreePath**](http://docs.google.com/javax/swing/tree/class-use/TreePath.html#javax.swing.plaf.basic)            Represents a path to a node. |
| [**TreeSelectionModel**](http://docs.google.com/javax/swing/tree/class-use/TreeSelectionModel.html#javax.swing.plaf.basic)            This interface represents the current state of the selection for the tree component. |

| Classes in [javax.swing.tree](http://docs.google.com/javax/swing/tree/package-summary.html) used by [javax.swing.plaf.metal](http://docs.google.com/javax/swing/plaf/metal/package-summary.html) | |
| --- | --- |
| [**TreePath**](http://docs.google.com/javax/swing/tree/class-use/TreePath.html#javax.swing.plaf.metal)            Represents a path to a node. |

| Classes in [javax.swing.tree](http://docs.google.com/javax/swing/tree/package-summary.html) used by [javax.swing.plaf.multi](http://docs.google.com/javax/swing/plaf/multi/package-summary.html) | |
| --- | --- |
| [**TreePath**](http://docs.google.com/javax/swing/tree/class-use/TreePath.html#javax.swing.plaf.multi)            Represents a path to a node. |

| Classes in [javax.swing.tree](http://docs.google.com/javax/swing/tree/package-summary.html) used by [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) | |
| --- | --- |
| [**TreeNode**](http://docs.google.com/javax/swing/tree/class-use/TreeNode.html#javax.swing.text)            Defines the requirements for an object that can be used as a tree node in a JTree. |

| Classes in [javax.swing.tree](http://docs.google.com/javax/swing/tree/package-summary.html) used by [javax.swing.text.html](http://docs.google.com/javax/swing/text/html/package-summary.html) | |
| --- | --- |
| [**TreeNode**](http://docs.google.com/javax/swing/tree/class-use/TreeNode.html#javax.swing.text.html)            Defines the requirements for an object that can be used as a tree node in a JTree. |

| Classes in [javax.swing.tree](http://docs.google.com/javax/swing/tree/package-summary.html) used by [javax.swing.tree](http://docs.google.com/javax/swing/tree/package-summary.html) | |
| --- | --- |
| [**AbstractLayoutCache**](http://docs.google.com/javax/swing/tree/class-use/AbstractLayoutCache.html#javax.swing.tree)  **Warning:** Serialized objects of this class will not be compatible with future Swing releases. |
| [**AbstractLayoutCache.NodeDimensions**](http://docs.google.com/javax/swing/tree/class-use/AbstractLayoutCache.NodeDimensions.html#javax.swing.tree)            Used by AbstractLayoutCache to determine the size and x origin of a particular node. |
| [**DefaultMutableTreeNode**](http://docs.google.com/javax/swing/tree/class-use/DefaultMutableTreeNode.html#javax.swing.tree)            A DefaultMutableTreeNode is a general-purpose node in a tree data structure. |
| [**DefaultTreeCellRenderer**](http://docs.google.com/javax/swing/tree/class-use/DefaultTreeCellRenderer.html#javax.swing.tree)            Displays an entry in a tree. |
| [**MutableTreeNode**](http://docs.google.com/javax/swing/tree/class-use/MutableTreeNode.html#javax.swing.tree)            Defines the requirements for a tree node object that can change -- by adding or removing child nodes, or by changing the contents of a user object stored in the node. |
| [**RowMapper**](http://docs.google.com/javax/swing/tree/class-use/RowMapper.html#javax.swing.tree)            Defines the requirements for an object that translates paths in the tree into display rows. |
| [**TreeCellEditor**](http://docs.google.com/javax/swing/tree/class-use/TreeCellEditor.html#javax.swing.tree)            Adds to CellEditor the extensions necessary to configure an editor in a tree. |
| [**TreeCellRenderer**](http://docs.google.com/javax/swing/tree/class-use/TreeCellRenderer.html#javax.swing.tree)            Defines the requirements for an object that displays a tree node. |
| [**TreeModel**](http://docs.google.com/javax/swing/tree/class-use/TreeModel.html#javax.swing.tree)            The model used by JTree. |
| [**TreeNode**](http://docs.google.com/javax/swing/tree/class-use/TreeNode.html#javax.swing.tree)            Defines the requirements for an object that can be used as a tree node in a JTree. |
| [**TreePath**](http://docs.google.com/javax/swing/tree/class-use/TreePath.html#javax.swing.tree)            Represents a path to a node. |
| [**TreeSelectionModel**](http://docs.google.com/javax/swing/tree/class-use/TreeSelectionModel.html#javax.swing.tree)            This interface represents the current state of the selection for the tree component. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | Class | **Use** | [**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   NEXT | [**FRAMES**](http://docs.google.com/index.html?javax/swing/tree/package-use.html)    [**NO FRAMES**](http://docs.google.com/package-use.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

[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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