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

**Uses of Class**

**javax.swing.JTree**

| Packages that use [JTree](http://docs.google.com/javax/swing/JTree.html) | |
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| [**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.plaf**](#2et92p0) | Provides one interface and many abstract classes that Swing uses to provide its pluggable look-and-feel capabilities. |
| [**javax.swing.plaf.basic**](#tyjcwt) | Provides user interface objects built according to the Basic look and feel. |
| [**javax.swing.plaf.multi**](#3dy6vkm) | Provides user interface objects that combine two or more look and feels. |
| [**javax.swing.tree**](#1t3h5sf) | Provides classes and interfaces for dealing with javax.swing.JTree. |

| Uses of [JTree](http://docs.google.com/javax/swing/JTree.html) in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) | |
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| Methods in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) with parameters of type [JTree](http://docs.google.com/javax/swing/JTree.html) | |
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| [Component](http://docs.google.com/java/awt/Component.html) | **DefaultCellEditor.**[**getTreeCellEditorComponent**](http://docs.google.com/javax/swing/DefaultCellEditor.html#getTreeCellEditorComponent(javax.swing.JTree,%20java.lang.Object,%20boolean,%20boolean,%20boolean,%20int))([JTree](http://docs.google.com/javax/swing/JTree.html) tree, [Object](http://docs.google.com/java/lang/Object.html) value, boolean isSelected, boolean expanded, boolean leaf, int row)            Implements the TreeCellEditor interface. |

| Constructors in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) with parameters of type [JTree](http://docs.google.com/javax/swing/JTree.html) | |
| --- | --- |
| [**JTree.AccessibleJTree.AccessibleJTreeNode**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#JTree.AccessibleJTree.AccessibleJTreeNode(javax.swing.JTree,%20javax.swing.tree.TreePath,%20javax.accessibility.Accessible))([JTree](http://docs.google.com/javax/swing/JTree.html) t, [TreePath](http://docs.google.com/javax/swing/tree/TreePath.html) p, [Accessible](http://docs.google.com/javax/accessibility/Accessible.html) ap)            Constructs an AccessibleJTreeNode |

| Uses of [JTree](http://docs.google.com/javax/swing/JTree.html) in [javax.swing.plaf](http://docs.google.com/javax/swing/plaf/package-summary.html) | |
| --- | --- |

| Methods in [javax.swing.plaf](http://docs.google.com/javax/swing/plaf/package-summary.html) with parameters of type [JTree](http://docs.google.com/javax/swing/JTree.html) | |
| --- | --- |
| abstract  void | **TreeUI.**[**cancelEditing**](http://docs.google.com/javax/swing/plaf/TreeUI.html#cancelEditing(javax.swing.JTree))([JTree](http://docs.google.com/javax/swing/JTree.html) tree)            Cancels the current editing session. |
| abstract  [TreePath](http://docs.google.com/javax/swing/tree/TreePath.html) | **TreeUI.**[**getClosestPathForLocation**](http://docs.google.com/javax/swing/plaf/TreeUI.html#getClosestPathForLocation(javax.swing.JTree,%20int,%20int))([JTree](http://docs.google.com/javax/swing/JTree.html) tree, int x, int y)            Returns the path to the node that is closest to x,y. |
| abstract  [TreePath](http://docs.google.com/javax/swing/tree/TreePath.html) | **TreeUI.**[**getEditingPath**](http://docs.google.com/javax/swing/plaf/TreeUI.html#getEditingPath(javax.swing.JTree))([JTree](http://docs.google.com/javax/swing/JTree.html) tree)            Returns the path to the element that is being edited. |
| abstract  [Rectangle](http://docs.google.com/java/awt/Rectangle.html) | **TreeUI.**[**getPathBounds**](http://docs.google.com/javax/swing/plaf/TreeUI.html#getPathBounds(javax.swing.JTree,%20javax.swing.tree.TreePath))([JTree](http://docs.google.com/javax/swing/JTree.html) tree, [TreePath](http://docs.google.com/javax/swing/tree/TreePath.html) path)            Returns the Rectangle enclosing the label portion that the last item in path will be drawn into. |
| abstract  [TreePath](http://docs.google.com/javax/swing/tree/TreePath.html) | **TreeUI.**[**getPathForRow**](http://docs.google.com/javax/swing/plaf/TreeUI.html#getPathForRow(javax.swing.JTree,%20int))([JTree](http://docs.google.com/javax/swing/JTree.html) tree, int row)            Returns the path for passed in row. |
| abstract  int | **TreeUI.**[**getRowCount**](http://docs.google.com/javax/swing/plaf/TreeUI.html#getRowCount(javax.swing.JTree))([JTree](http://docs.google.com/javax/swing/JTree.html) tree)            Returns the number of rows that are being displayed. |
| abstract  int | **TreeUI.**[**getRowForPath**](http://docs.google.com/javax/swing/plaf/TreeUI.html#getRowForPath(javax.swing.JTree,%20javax.swing.tree.TreePath))([JTree](http://docs.google.com/javax/swing/JTree.html) tree, [TreePath](http://docs.google.com/javax/swing/tree/TreePath.html) path)            Returns the row that the last item identified in path is visible at. |
| abstract  boolean | **TreeUI.**[**isEditing**](http://docs.google.com/javax/swing/plaf/TreeUI.html#isEditing(javax.swing.JTree))([JTree](http://docs.google.com/javax/swing/JTree.html) tree)            Returns true if the tree is being edited. |
| abstract  void | **TreeUI.**[**startEditingAtPath**](http://docs.google.com/javax/swing/plaf/TreeUI.html#startEditingAtPath(javax.swing.JTree,%20javax.swing.tree.TreePath))([JTree](http://docs.google.com/javax/swing/JTree.html) tree, [TreePath](http://docs.google.com/javax/swing/tree/TreePath.html) path)            Selects the last item in path and tries to edit it. |
| abstract  boolean | **TreeUI.**[**stopEditing**](http://docs.google.com/javax/swing/plaf/TreeUI.html#stopEditing(javax.swing.JTree))([JTree](http://docs.google.com/javax/swing/JTree.html) tree)            Stops the current editing session. |

| Uses of [JTree](http://docs.google.com/javax/swing/JTree.html) in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) | |
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| Fields in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) declared as [JTree](http://docs.google.com/javax/swing/JTree.html) | |
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| protected  [JTree](http://docs.google.com/javax/swing/JTree.html) | **BasicTreeUI.**[**tree**](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.html#tree)            Component that we're going to be drawing into. |

| Methods in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) with parameters of type [JTree](http://docs.google.com/javax/swing/JTree.html) | |
| --- | --- |
| void | **BasicTreeUI.**[**cancelEditing**](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.html#cancelEditing(javax.swing.JTree))([JTree](http://docs.google.com/javax/swing/JTree.html) tree)            Cancels the current editing session. |
| [TreePath](http://docs.google.com/javax/swing/tree/TreePath.html) | **BasicTreeUI.**[**getClosestPathForLocation**](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.html#getClosestPathForLocation(javax.swing.JTree,%20int,%20int))([JTree](http://docs.google.com/javax/swing/JTree.html) tree, int x, int y)            Returns the path to the node that is closest to x,y. |
| [TreePath](http://docs.google.com/javax/swing/tree/TreePath.html) | **BasicTreeUI.**[**getEditingPath**](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.html#getEditingPath(javax.swing.JTree))([JTree](http://docs.google.com/javax/swing/JTree.html) tree)            Returns the path to the element that is being edited. |
| [Rectangle](http://docs.google.com/java/awt/Rectangle.html) | **BasicTreeUI.**[**getPathBounds**](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.html#getPathBounds(javax.swing.JTree,%20javax.swing.tree.TreePath))([JTree](http://docs.google.com/javax/swing/JTree.html) tree, [TreePath](http://docs.google.com/javax/swing/tree/TreePath.html) path)            Returns the Rectangle enclosing the label portion that the last item in path will be drawn into. |
| [TreePath](http://docs.google.com/javax/swing/tree/TreePath.html) | **BasicTreeUI.**[**getPathForRow**](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.html#getPathForRow(javax.swing.JTree,%20int))([JTree](http://docs.google.com/javax/swing/JTree.html) tree, int row)            Returns the path for passed in row. |
| int | **BasicTreeUI.**[**getRowCount**](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.html#getRowCount(javax.swing.JTree))([JTree](http://docs.google.com/javax/swing/JTree.html) tree)            Returns the number of rows that are being displayed. |
| int | **BasicTreeUI.**[**getRowForPath**](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.html#getRowForPath(javax.swing.JTree,%20javax.swing.tree.TreePath))([JTree](http://docs.google.com/javax/swing/JTree.html) tree, [TreePath](http://docs.google.com/javax/swing/tree/TreePath.html) path)            Returns the row that the last item identified in path is visible at. |
| boolean | **BasicTreeUI.**[**isEditing**](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.html#isEditing(javax.swing.JTree))([JTree](http://docs.google.com/javax/swing/JTree.html) tree)            Returns true if the tree is being edited. |
| void | **BasicTreeUI.**[**startEditingAtPath**](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.html#startEditingAtPath(javax.swing.JTree,%20javax.swing.tree.TreePath))([JTree](http://docs.google.com/javax/swing/JTree.html) tree, [TreePath](http://docs.google.com/javax/swing/tree/TreePath.html) path)            Selects the last item in path and tries to edit it. |
| boolean | **BasicTreeUI.**[**stopEditing**](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.html#stopEditing(javax.swing.JTree))([JTree](http://docs.google.com/javax/swing/JTree.html) tree)            Stops the current editing session. |

| Uses of [JTree](http://docs.google.com/javax/swing/JTree.html) in [javax.swing.plaf.multi](http://docs.google.com/javax/swing/plaf/multi/package-summary.html) | |
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| Methods in [javax.swing.plaf.multi](http://docs.google.com/javax/swing/plaf/multi/package-summary.html) with parameters of type [JTree](http://docs.google.com/javax/swing/JTree.html) | |
| --- | --- |
| void | **MultiTreeUI.**[**cancelEditing**](http://docs.google.com/javax/swing/plaf/multi/MultiTreeUI.html#cancelEditing(javax.swing.JTree))([JTree](http://docs.google.com/javax/swing/JTree.html) a)            Invokes the cancelEditing method on each UI handled by this object. |
| [TreePath](http://docs.google.com/javax/swing/tree/TreePath.html) | **MultiTreeUI.**[**getClosestPathForLocation**](http://docs.google.com/javax/swing/plaf/multi/MultiTreeUI.html#getClosestPathForLocation(javax.swing.JTree,%20int,%20int))([JTree](http://docs.google.com/javax/swing/JTree.html) a, int b, int c)            Invokes the getClosestPathForLocation method on each UI handled by this object. |
| [TreePath](http://docs.google.com/javax/swing/tree/TreePath.html) | **MultiTreeUI.**[**getEditingPath**](http://docs.google.com/javax/swing/plaf/multi/MultiTreeUI.html#getEditingPath(javax.swing.JTree))([JTree](http://docs.google.com/javax/swing/JTree.html) a)            Invokes the getEditingPath method on each UI handled by this object. |
| [Rectangle](http://docs.google.com/java/awt/Rectangle.html) | **MultiTreeUI.**[**getPathBounds**](http://docs.google.com/javax/swing/plaf/multi/MultiTreeUI.html#getPathBounds(javax.swing.JTree,%20javax.swing.tree.TreePath))([JTree](http://docs.google.com/javax/swing/JTree.html) a, [TreePath](http://docs.google.com/javax/swing/tree/TreePath.html) b)            Invokes the getPathBounds method on each UI handled by this object. |
| [TreePath](http://docs.google.com/javax/swing/tree/TreePath.html) | **MultiTreeUI.**[**getPathForRow**](http://docs.google.com/javax/swing/plaf/multi/MultiTreeUI.html#getPathForRow(javax.swing.JTree,%20int))([JTree](http://docs.google.com/javax/swing/JTree.html) a, int b)            Invokes the getPathForRow method on each UI handled by this object. |
| int | **MultiTreeUI.**[**getRowCount**](http://docs.google.com/javax/swing/plaf/multi/MultiTreeUI.html#getRowCount(javax.swing.JTree))([JTree](http://docs.google.com/javax/swing/JTree.html) a)            Invokes the getRowCount method on each UI handled by this object. |
| int | **MultiTreeUI.**[**getRowForPath**](http://docs.google.com/javax/swing/plaf/multi/MultiTreeUI.html#getRowForPath(javax.swing.JTree,%20javax.swing.tree.TreePath))([JTree](http://docs.google.com/javax/swing/JTree.html) a, [TreePath](http://docs.google.com/javax/swing/tree/TreePath.html) b)            Invokes the getRowForPath method on each UI handled by this object. |
| boolean | **MultiTreeUI.**[**isEditing**](http://docs.google.com/javax/swing/plaf/multi/MultiTreeUI.html#isEditing(javax.swing.JTree))([JTree](http://docs.google.com/javax/swing/JTree.html) a)            Invokes the isEditing method on each UI handled by this object. |
| void | **MultiTreeUI.**[**startEditingAtPath**](http://docs.google.com/javax/swing/plaf/multi/MultiTreeUI.html#startEditingAtPath(javax.swing.JTree,%20javax.swing.tree.TreePath))([JTree](http://docs.google.com/javax/swing/JTree.html) a, [TreePath](http://docs.google.com/javax/swing/tree/TreePath.html) b)            Invokes the startEditingAtPath method on each UI handled by this object. |
| boolean | **MultiTreeUI.**[**stopEditing**](http://docs.google.com/javax/swing/plaf/multi/MultiTreeUI.html#stopEditing(javax.swing.JTree))([JTree](http://docs.google.com/javax/swing/JTree.html) a)            Invokes the stopEditing method on each UI handled by this object. |

| Uses of [JTree](http://docs.google.com/javax/swing/JTree.html) in [javax.swing.tree](http://docs.google.com/javax/swing/tree/package-summary.html) | |
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| Fields in [javax.swing.tree](http://docs.google.com/javax/swing/tree/package-summary.html) declared as [JTree](http://docs.google.com/javax/swing/JTree.html) | |
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| protected  [JTree](http://docs.google.com/javax/swing/JTree.html) | **DefaultTreeCellEditor.**[**tree**](http://docs.google.com/javax/swing/tree/DefaultTreeCellEditor.html#tree)            JTree instance listening too. |

| Methods in [javax.swing.tree](http://docs.google.com/javax/swing/tree/package-summary.html) with parameters of type [JTree](http://docs.google.com/javax/swing/JTree.html) | |
| --- | --- |
| protected  void | **DefaultTreeCellEditor.**[**determineOffset**](http://docs.google.com/javax/swing/tree/DefaultTreeCellEditor.html#determineOffset(javax.swing.JTree,%20java.lang.Object,%20boolean,%20boolean,%20boolean,%20int))([JTree](http://docs.google.com/javax/swing/JTree.html) tree, [Object](http://docs.google.com/java/lang/Object.html) value, boolean isSelected, boolean expanded, boolean leaf, int row) |
| [Component](http://docs.google.com/java/awt/Component.html) | **DefaultTreeCellEditor.**[**getTreeCellEditorComponent**](http://docs.google.com/javax/swing/tree/DefaultTreeCellEditor.html#getTreeCellEditorComponent(javax.swing.JTree,%20java.lang.Object,%20boolean,%20boolean,%20boolean,%20int))([JTree](http://docs.google.com/javax/swing/JTree.html) tree, [Object](http://docs.google.com/java/lang/Object.html) value, boolean isSelected, boolean expanded, boolean leaf, int row)            Configures the editor. |
| [Component](http://docs.google.com/java/awt/Component.html) | **TreeCellEditor.**[**getTreeCellEditorComponent**](http://docs.google.com/javax/swing/tree/TreeCellEditor.html#getTreeCellEditorComponent(javax.swing.JTree,%20java.lang.Object,%20boolean,%20boolean,%20boolean,%20int))([JTree](http://docs.google.com/javax/swing/JTree.html) tree, [Object](http://docs.google.com/java/lang/Object.html) value, boolean isSelected, boolean expanded, boolean leaf, int row)            Sets an initial *value* for the editor. |
| [Component](http://docs.google.com/java/awt/Component.html) | **DefaultTreeCellRenderer.**[**getTreeCellRendererComponent**](http://docs.google.com/javax/swing/tree/DefaultTreeCellRenderer.html#getTreeCellRendererComponent(javax.swing.JTree,%20java.lang.Object,%20boolean,%20boolean,%20boolean,%20int,%20boolean))([JTree](http://docs.google.com/javax/swing/JTree.html) tree, [Object](http://docs.google.com/java/lang/Object.html) value, boolean sel, boolean expanded, boolean leaf, int row, boolean hasFocus)            Configures the renderer based on the passed in components. |
| [Component](http://docs.google.com/java/awt/Component.html) | **TreeCellRenderer.**[**getTreeCellRendererComponent**](http://docs.google.com/javax/swing/tree/TreeCellRenderer.html#getTreeCellRendererComponent(javax.swing.JTree,%20java.lang.Object,%20boolean,%20boolean,%20boolean,%20int,%20boolean))([JTree](http://docs.google.com/javax/swing/JTree.html) tree, [Object](http://docs.google.com/java/lang/Object.html) value, boolean selected, boolean expanded, boolean leaf, int row, boolean hasFocus)            Sets the value of the current tree cell to value. |
| protected  void | **DefaultTreeCellEditor.**[**setTree**](http://docs.google.com/javax/swing/tree/DefaultTreeCellEditor.html#setTree(javax.swing.JTree))([JTree](http://docs.google.com/javax/swing/JTree.html) newTree)            Sets the tree currently editing for. |

| Constructors in [javax.swing.tree](http://docs.google.com/javax/swing/tree/package-summary.html) with parameters of type [JTree](http://docs.google.com/javax/swing/JTree.html) | |
| --- | --- |
| [**DefaultTreeCellEditor**](http://docs.google.com/javax/swing/tree/DefaultTreeCellEditor.html#DefaultTreeCellEditor(javax.swing.JTree,%20javax.swing.tree.DefaultTreeCellRenderer))([JTree](http://docs.google.com/javax/swing/JTree.html) tree, [DefaultTreeCellRenderer](http://docs.google.com/javax/swing/tree/DefaultTreeCellRenderer.html) renderer)            Constructs a DefaultTreeCellEditor object for a JTree using the specified renderer and a default editor. |
| [**DefaultTreeCellEditor**](http://docs.google.com/javax/swing/tree/DefaultTreeCellEditor.html#DefaultTreeCellEditor(javax.swing.JTree,%20javax.swing.tree.DefaultTreeCellRenderer,%20javax.swing.tree.TreeCellEditor))([JTree](http://docs.google.com/javax/swing/JTree.html) tree, [DefaultTreeCellRenderer](http://docs.google.com/javax/swing/tree/DefaultTreeCellRenderer.html) renderer, [TreeCellEditor](http://docs.google.com/javax/swing/tree/TreeCellEditor.html) editor)            Constructs a DefaultTreeCellEditor object for a JTree using the specified renderer and the specified editor. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/javax/swing/JTree.html) | **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//class-useJTree.html)    [**NO FRAMES**](http://docs.google.com/JTree.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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