| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/JTree.AccessibleJTree.AccessibleJTreeNode.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/JTree.AccessibleJTree.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/JTree.DropLocation.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html)    [**NO FRAMES**](http://docs.google.com/JTree.AccessibleJTree.AccessibleJTreeNode.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#2et92p0) | [CONSTR](#3dy6vkm) | [METHOD](#1t3h5sf) | DETAIL: FIELD | [CONSTR](#17dp8vu) | [METHOD](#26in1rg) |

## **javax.swing**

Class JTree.AccessibleJTree.AccessibleJTreeNode

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [javax.accessibility.AccessibleContext](http://docs.google.com/javax/accessibility/AccessibleContext.html)  
 **javax.swing.JTree.AccessibleJTree.AccessibleJTreeNode**

**All Implemented Interfaces:** [Accessible](http://docs.google.com/javax/accessibility/Accessible.html), [AccessibleAction](http://docs.google.com/javax/accessibility/AccessibleAction.html), [AccessibleComponent](http://docs.google.com/javax/accessibility/AccessibleComponent.html), [AccessibleSelection](http://docs.google.com/javax/accessibility/AccessibleSelection.html) **Enclosing class:**[JTree.AccessibleJTree](http://docs.google.com/javax/swing/JTree.AccessibleJTree.html)

protected class **JTree.AccessibleJTree.AccessibleJTreeNode**extends [AccessibleContext](http://docs.google.com/javax/accessibility/AccessibleContext.html)implements [Accessible](http://docs.google.com/javax/accessibility/Accessible.html), [AccessibleComponent](http://docs.google.com/javax/accessibility/AccessibleComponent.html), [AccessibleSelection](http://docs.google.com/javax/accessibility/AccessibleSelection.html), [AccessibleAction](http://docs.google.com/javax/accessibility/AccessibleAction.html)

This class implements accessibility support for the JTree child. It provides an implementation of the Java Accessibility API appropriate to tree nodes.

| **Field Summary** | |
| --- | --- |

| **Fields inherited from class javax.accessibility.**[**AccessibleContext**](http://docs.google.com/javax/accessibility/AccessibleContext.html) |
| --- |
| [ACCESSIBLE\_ACTION\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_ACTION_PROPERTY), [ACCESSIBLE\_ACTIVE\_DESCENDANT\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_ACTIVE_DESCENDANT_PROPERTY), [ACCESSIBLE\_CARET\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_CARET_PROPERTY), [ACCESSIBLE\_CHILD\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_CHILD_PROPERTY), [ACCESSIBLE\_COMPONENT\_BOUNDS\_CHANGED](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_COMPONENT_BOUNDS_CHANGED), [ACCESSIBLE\_DESCRIPTION\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_DESCRIPTION_PROPERTY), [ACCESSIBLE\_HYPERTEXT\_OFFSET](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_HYPERTEXT_OFFSET), [ACCESSIBLE\_INVALIDATE\_CHILDREN](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_INVALIDATE_CHILDREN), [ACCESSIBLE\_NAME\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_NAME_PROPERTY), [ACCESSIBLE\_SELECTION\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_SELECTION_PROPERTY), [ACCESSIBLE\_STATE\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_STATE_PROPERTY), [ACCESSIBLE\_TABLE\_CAPTION\_CHANGED](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_TABLE_CAPTION_CHANGED), [ACCESSIBLE\_TABLE\_COLUMN\_DESCRIPTION\_CHANGED](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_TABLE_COLUMN_DESCRIPTION_CHANGED), [ACCESSIBLE\_TABLE\_COLUMN\_HEADER\_CHANGED](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_TABLE_COLUMN_HEADER_CHANGED), [ACCESSIBLE\_TABLE\_MODEL\_CHANGED](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_TABLE_MODEL_CHANGED), [ACCESSIBLE\_TABLE\_ROW\_DESCRIPTION\_CHANGED](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_TABLE_ROW_DESCRIPTION_CHANGED), [ACCESSIBLE\_TABLE\_ROW\_HEADER\_CHANGED](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_TABLE_ROW_HEADER_CHANGED), [ACCESSIBLE\_TABLE\_SUMMARY\_CHANGED](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_TABLE_SUMMARY_CHANGED), [ACCESSIBLE\_TEXT\_ATTRIBUTES\_CHANGED](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_TEXT_ATTRIBUTES_CHANGED), [ACCESSIBLE\_TEXT\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_TEXT_PROPERTY), [ACCESSIBLE\_VALUE\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_VALUE_PROPERTY), [ACCESSIBLE\_VISIBLE\_DATA\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_VISIBLE_DATA_PROPERTY), [accessibleDescription](http://docs.google.com/javax/accessibility/AccessibleContext.html#accessibleDescription), [accessibleName](http://docs.google.com/javax/accessibility/AccessibleContext.html#accessibleName) |

| **Fields inherited from interface javax.accessibility.**[**AccessibleAction**](http://docs.google.com/javax/accessibility/AccessibleAction.html) |
| --- |
| [CLICK](http://docs.google.com/javax/accessibility/AccessibleAction.html#CLICK), [DECREMENT](http://docs.google.com/javax/accessibility/AccessibleAction.html#DECREMENT), [INCREMENT](http://docs.google.com/javax/accessibility/AccessibleAction.html#INCREMENT), [TOGGLE\_EXPAND](http://docs.google.com/javax/accessibility/AccessibleAction.html#TOGGLE_EXPAND), [TOGGLE\_POPUP](http://docs.google.com/javax/accessibility/AccessibleAction.html#TOGGLE_POPUP) |

| **Constructor Summary** | |
| --- | --- |
| [**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 |

| **Method Summary** | |
| --- | --- |
| void | [**addAccessibleSelection**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#addAccessibleSelection(int))(int i)            Adds the specified selected item in the object to the object's selection. |
| void | [**addFocusListener**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#addFocusListener(java.awt.event.FocusListener))([FocusListener](http://docs.google.com/java/awt/event/FocusListener.html) l)            Adds the specified focus listener to receive focus events from this component. |
| void | [**addPropertyChangeListener**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#addPropertyChangeListener(java.beans.PropertyChangeListener))([PropertyChangeListener](http://docs.google.com/java/beans/PropertyChangeListener.html) l)            Add a PropertyChangeListener to the listener list. |
| void | [**clearAccessibleSelection**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#clearAccessibleSelection())()            Clears the selection in the object, so that nothing in the object is selected. |
| boolean | [**contains**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#contains(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Checks whether the specified point is within this object's bounds, where the point's x and y coordinates are defined to be relative to the coordinate system of the object. |
| boolean | [**doAccessibleAction**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#doAccessibleAction(int))(int i)            Perform the specified Action on the tree node. |
| [AccessibleAction](http://docs.google.com/javax/accessibility/AccessibleAction.html) | [**getAccessibleAction**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#getAccessibleAction())()            Get the AccessibleAction associated with this object. |
| int | [**getAccessibleActionCount**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#getAccessibleActionCount())()            Returns the number of accessible actions available in this tree node. |
| [String](http://docs.google.com/java/lang/String.html) | [**getAccessibleActionDescription**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#getAccessibleActionDescription(int))(int i)            Return a description of the specified action of the tree node. |
| [Accessible](http://docs.google.com/javax/accessibility/Accessible.html) | [**getAccessibleAt**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#getAccessibleAt(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Returns the Accessible child, if one exists, contained at the local coordinate Point. |
| [Accessible](http://docs.google.com/javax/accessibility/Accessible.html) | [**getAccessibleChild**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#getAccessibleChild(int))(int i)            Return the specified Accessible child of the object. |
| int | [**getAccessibleChildrenCount**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#getAccessibleChildrenCount())()            Returns the number of accessible children in the object. |
| [AccessibleComponent](http://docs.google.com/javax/accessibility/AccessibleComponent.html) | [**getAccessibleComponent**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#getAccessibleComponent())()            Get the AccessibleComponent associated with this object. |
| [AccessibleContext](http://docs.google.com/javax/accessibility/AccessibleContext.html) | [**getAccessibleContext**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#getAccessibleContext())()            Get the AccessibleContext associated with this tree node. |
| [String](http://docs.google.com/java/lang/String.html) | [**getAccessibleDescription**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#getAccessibleDescription())()            Get the accessible description of this object. |
| int | [**getAccessibleIndexInParent**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#getAccessibleIndexInParent())()            Get the index of this object in its accessible parent. |
| [String](http://docs.google.com/java/lang/String.html) | [**getAccessibleName**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#getAccessibleName())()            Get the accessible name of this object. |
| [Accessible](http://docs.google.com/javax/accessibility/Accessible.html) | [**getAccessibleParent**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#getAccessibleParent())()            Get the Accessible parent of this object. |
| [AccessibleRole](http://docs.google.com/javax/accessibility/AccessibleRole.html) | [**getAccessibleRole**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#getAccessibleRole())()            Get the role of this object. |
| [AccessibleSelection](http://docs.google.com/javax/accessibility/AccessibleSelection.html) | [**getAccessibleSelection**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#getAccessibleSelection())()            Get the AccessibleSelection associated with this object if one exists. |
| [Accessible](http://docs.google.com/javax/accessibility/Accessible.html) | [**getAccessibleSelection**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#getAccessibleSelection(int))(int i)            Returns an Accessible representing the specified selected item in the object. |
| int | [**getAccessibleSelectionCount**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#getAccessibleSelectionCount())()            Returns the number of items currently selected. |
| [AccessibleStateSet](http://docs.google.com/javax/accessibility/AccessibleStateSet.html) | [**getAccessibleStateSet**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#getAccessibleStateSet())()            Get the state set of this object. |
| [AccessibleText](http://docs.google.com/javax/accessibility/AccessibleText.html) | [**getAccessibleText**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#getAccessibleText())()            Get the AccessibleText associated with this object if one exists. |
| [AccessibleValue](http://docs.google.com/javax/accessibility/AccessibleValue.html) | [**getAccessibleValue**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#getAccessibleValue())()            Get the AccessibleValue associated with this object if one exists. |
| [Color](http://docs.google.com/java/awt/Color.html) | [**getBackground**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#getBackground())()            Get the background color of this object. |
| [Rectangle](http://docs.google.com/java/awt/Rectangle.html) | [**getBounds**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#getBounds())()            Gets the bounds of this object in the form of a Rectangle object. |
| [Cursor](http://docs.google.com/java/awt/Cursor.html) | [**getCursor**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#getCursor())()            Gets the Cursor of this object. |
| [Font](http://docs.google.com/java/awt/Font.html) | [**getFont**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#getFont())()            Gets the Font of this object. |
| [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) | [**getFontMetrics**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#getFontMetrics(java.awt.Font))([Font](http://docs.google.com/java/awt/Font.html) f)            Gets the FontMetrics of this object. |
| [Color](http://docs.google.com/java/awt/Color.html) | [**getForeground**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#getForeground())()            Get the foreground color of this object. |
| [Locale](http://docs.google.com/java/util/Locale.html) | [**getLocale**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#getLocale())()            Gets the locale of the component. |
| [Point](http://docs.google.com/java/awt/Point.html) | [**getLocation**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#getLocation())()            Gets the location of the object relative to the parent in the form of a point specifying the object's top-left corner in the screen's coordinate space. |
| protected  [Point](http://docs.google.com/java/awt/Point.html) | [**getLocationInJTree**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#getLocationInJTree())() |
| [Point](http://docs.google.com/java/awt/Point.html) | [**getLocationOnScreen**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#getLocationOnScreen())()            Returns the location of the object on the screen. |
| [Dimension](http://docs.google.com/java/awt/Dimension.html) | [**getSize**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#getSize())()            Returns the size of this object in the form of a Dimension object. |
| boolean | [**isAccessibleChildSelected**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#isAccessibleChildSelected(int))(int i)            Returns true if the current child of this object is selected. |
| boolean | [**isEnabled**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#isEnabled())()            Determines if the object is enabled. |
| boolean | [**isFocusTraversable**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#isFocusTraversable())()            Returns whether this object can accept focus or not. |
| boolean | [**isShowing**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#isShowing())()            Determines if the object is showing. |
| boolean | [**isVisible**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#isVisible())()            Determines if the object is visible. |
| void | [**removeAccessibleSelection**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#removeAccessibleSelection(int))(int i)            Removes the specified selected item in the object from the object's selection. |
| void | [**removeFocusListener**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#removeFocusListener(java.awt.event.FocusListener))([FocusListener](http://docs.google.com/java/awt/event/FocusListener.html) l)            Removes the specified focus listener so it no longer receives focus events from this component. |
| void | [**removePropertyChangeListener**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#removePropertyChangeListener(java.beans.PropertyChangeListener))([PropertyChangeListener](http://docs.google.com/java/beans/PropertyChangeListener.html) l)            Remove a PropertyChangeListener from the listener list. |
| void | [**requestFocus**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#requestFocus())()            Requests focus for this object. |
| void | [**selectAllAccessibleSelection**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#selectAllAccessibleSelection())()            Causes every selected item in the object to be selected if the object supports multiple selections. |
| void | [**setAccessibleDescription**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#setAccessibleDescription(java.lang.String))([String](http://docs.google.com/java/lang/String.html) s)            Set the accessible description of this object. |
| void | [**setAccessibleName**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#setAccessibleName(java.lang.String))([String](http://docs.google.com/java/lang/String.html) s)            Set the localized accessible name of this object. |
| void | [**setBackground**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#setBackground(java.awt.Color))([Color](http://docs.google.com/java/awt/Color.html) c)            Set the background color of this object. |
| void | [**setBounds**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#setBounds(java.awt.Rectangle))([Rectangle](http://docs.google.com/java/awt/Rectangle.html) r)            Sets the bounds of this object in the form of a Rectangle object. |
| void | [**setCursor**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#setCursor(java.awt.Cursor))([Cursor](http://docs.google.com/java/awt/Cursor.html) c)            Sets the Cursor of this object. |
| void | [**setEnabled**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#setEnabled(boolean))(boolean b)            Sets the enabled state of the object. |
| void | [**setFont**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#setFont(java.awt.Font))([Font](http://docs.google.com/java/awt/Font.html) f)            Sets the Font of this object. |
| void | [**setForeground**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#setForeground(java.awt.Color))([Color](http://docs.google.com/java/awt/Color.html) c)            Sets the foreground color of this object. |
| void | [**setLocation**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#setLocation(java.awt.Point))([Point](http://docs.google.com/java/awt/Point.html) p)            Sets the location of the object relative to the parent. |
| void | [**setSize**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#setSize(java.awt.Dimension))([Dimension](http://docs.google.com/java/awt/Dimension.html) d)            Resizes this object so that it has width and height. |
| void | [**setVisible**](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#setVisible(boolean))(boolean b)            Sets the visible state of the object. |

| **Methods inherited from class javax.accessibility.**[**AccessibleContext**](http://docs.google.com/javax/accessibility/AccessibleContext.html) |
| --- |
| [firePropertyChange](http://docs.google.com/javax/accessibility/AccessibleContext.html#firePropertyChange(java.lang.String,%20java.lang.Object,%20java.lang.Object)), [getAccessibleEditableText](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleEditableText()), [getAccessibleIcon](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleIcon()), [getAccessibleRelationSet](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleRelationSet()), [getAccessibleTable](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleTable()), [setAccessibleParent](http://docs.google.com/javax/accessibility/AccessibleContext.html#setAccessibleParent(javax.accessibility.Accessible)) |

| **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** |
| --- |

### JTree.AccessibleJTree.AccessibleJTreeNode

public **JTree.AccessibleJTree.AccessibleJTreeNode**([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

**Since:** 1.4

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

### getAccessibleContext

public [AccessibleContext](http://docs.google.com/javax/accessibility/AccessibleContext.html) **getAccessibleContext**()

Get the AccessibleContext associated with this tree node. In the implementation of the Java Accessibility API for this class, return this object, which is its own AccessibleContext.

**Specified by:**[getAccessibleContext](http://docs.google.com/javax/accessibility/Accessible.html#getAccessibleContext()) in interface [Accessible](http://docs.google.com/javax/accessibility/Accessible.html) **Returns:**this object

### getAccessibleName

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

Get the accessible name of this object.

**Overrides:**[getAccessibleName](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleName()) in class [AccessibleContext](http://docs.google.com/javax/accessibility/AccessibleContext.html) **Returns:**the localized name of the object; null if this object does not have a name**See Also:**[AccessibleContext.setAccessibleName(java.lang.String)](http://docs.google.com/javax/accessibility/AccessibleContext.html#setAccessibleName(java.lang.String))

### setAccessibleName

public void **setAccessibleName**([String](http://docs.google.com/java/lang/String.html) s)

Set the localized accessible name of this object.

**Overrides:**[setAccessibleName](http://docs.google.com/javax/accessibility/AccessibleContext.html#setAccessibleName(java.lang.String)) in class [AccessibleContext](http://docs.google.com/javax/accessibility/AccessibleContext.html) **Parameters:**s - the new localized name of the object.**See Also:**[AccessibleContext.getAccessibleName()](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleName()), [AccessibleContext.addPropertyChangeListener(java.beans.PropertyChangeListener)](http://docs.google.com/javax/accessibility/AccessibleContext.html#addPropertyChangeListener(java.beans.PropertyChangeListener))

### getAccessibleDescription

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

Get the accessible description of this object.

**Overrides:**[getAccessibleDescription](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleDescription()) in class [AccessibleContext](http://docs.google.com/javax/accessibility/AccessibleContext.html) **Returns:**the localized description of the object; null if this object does not have a description**See Also:**[AccessibleContext.setAccessibleDescription(java.lang.String)](http://docs.google.com/javax/accessibility/AccessibleContext.html#setAccessibleDescription(java.lang.String))

### setAccessibleDescription

public void **setAccessibleDescription**([String](http://docs.google.com/java/lang/String.html) s)

Set the accessible description of this object.

**Overrides:**[setAccessibleDescription](http://docs.google.com/javax/accessibility/AccessibleContext.html#setAccessibleDescription(java.lang.String)) in class [AccessibleContext](http://docs.google.com/javax/accessibility/AccessibleContext.html) **Parameters:**s - the new localized description of the object**See Also:**[AccessibleContext.setAccessibleName(java.lang.String)](http://docs.google.com/javax/accessibility/AccessibleContext.html#setAccessibleName(java.lang.String)), [AccessibleContext.addPropertyChangeListener(java.beans.PropertyChangeListener)](http://docs.google.com/javax/accessibility/AccessibleContext.html#addPropertyChangeListener(java.beans.PropertyChangeListener))

### getAccessibleRole

public [AccessibleRole](http://docs.google.com/javax/accessibility/AccessibleRole.html) **getAccessibleRole**()

Get the role of this object.

**Specified by:**[getAccessibleRole](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleRole()) in class [AccessibleContext](http://docs.google.com/javax/accessibility/AccessibleContext.html) **Returns:**an instance of AccessibleRole describing the role of the object**See Also:**[AccessibleRole](http://docs.google.com/javax/accessibility/AccessibleRole.html)

### getAccessibleStateSet

public [AccessibleStateSet](http://docs.google.com/javax/accessibility/AccessibleStateSet.html) **getAccessibleStateSet**()

Get the state set of this object.

**Specified by:**[getAccessibleStateSet](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleStateSet()) in class [AccessibleContext](http://docs.google.com/javax/accessibility/AccessibleContext.html) **Returns:**an instance of AccessibleStateSet containing the current state set of the object**See Also:**[AccessibleState](http://docs.google.com/javax/accessibility/AccessibleState.html)

### getAccessibleParent

public [Accessible](http://docs.google.com/javax/accessibility/Accessible.html) **getAccessibleParent**()

Get the Accessible parent of this object.

**Overrides:**[getAccessibleParent](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleParent()) in class [AccessibleContext](http://docs.google.com/javax/accessibility/AccessibleContext.html) **Returns:**the Accessible parent of this object; null if this object does not have an Accessible parent

### getAccessibleIndexInParent

public int **getAccessibleIndexInParent**()

Get the index of this object in its accessible parent.

**Specified by:**[getAccessibleIndexInParent](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleIndexInParent()) in class [AccessibleContext](http://docs.google.com/javax/accessibility/AccessibleContext.html) **Returns:**the index of this object in its parent; -1 if this object does not have an accessible parent.**See Also:**[getAccessibleParent()](http://docs.google.com/javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html#getAccessibleParent())

### getAccessibleChildrenCount

public int **getAccessibleChildrenCount**()

Returns the number of accessible children in the object.

**Specified by:**[getAccessibleChildrenCount](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleChildrenCount()) in class [AccessibleContext](http://docs.google.com/javax/accessibility/AccessibleContext.html) **Returns:**the number of accessible children in the object.

### getAccessibleChild

public [Accessible](http://docs.google.com/javax/accessibility/Accessible.html) **getAccessibleChild**(int i)

Return the specified Accessible child of the object.

**Specified by:**[getAccessibleChild](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleChild(int)) in class [AccessibleContext](http://docs.google.com/javax/accessibility/AccessibleContext.html) **Parameters:**i - zero-based index of child **Returns:**the Accessible child of the object**See Also:**[AccessibleContext.getAccessibleChildrenCount()](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleChildrenCount())

### getLocale

public [Locale](http://docs.google.com/java/util/Locale.html) **getLocale**()

Gets the locale of the component. If the component does not have a locale, then the locale of its parent is returned.

**Specified by:**[getLocale](http://docs.google.com/javax/accessibility/AccessibleContext.html#getLocale()) in class [AccessibleContext](http://docs.google.com/javax/accessibility/AccessibleContext.html) **Returns:**This component's locale. If this component does not have a locale, the locale of its parent is returned. **Throws:** [IllegalComponentStateException](http://docs.google.com/java/awt/IllegalComponentStateException.html) - If the Component does not have its own locale and has not yet been added to a containment hierarchy such that the locale can be determined from the containing parent.**See Also:**[Component.setLocale(java.util.Locale)](http://docs.google.com/java/awt/Component.html#setLocale(java.util.Locale))

### addPropertyChangeListener

public void **addPropertyChangeListener**([PropertyChangeListener](http://docs.google.com/java/beans/PropertyChangeListener.html) l)

Add a PropertyChangeListener to the listener list. The listener is registered for all properties.

**Overrides:**[addPropertyChangeListener](http://docs.google.com/javax/accessibility/AccessibleContext.html#addPropertyChangeListener(java.beans.PropertyChangeListener)) in class [AccessibleContext](http://docs.google.com/javax/accessibility/AccessibleContext.html) **Parameters:**l - The PropertyChangeListener to be added**See Also:**[AccessibleContext.ACCESSIBLE\_NAME\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_NAME_PROPERTY), [AccessibleContext.ACCESSIBLE\_DESCRIPTION\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_DESCRIPTION_PROPERTY), [AccessibleContext.ACCESSIBLE\_STATE\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_STATE_PROPERTY), [AccessibleContext.ACCESSIBLE\_VALUE\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_VALUE_PROPERTY), [AccessibleContext.ACCESSIBLE\_SELECTION\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_SELECTION_PROPERTY), [AccessibleContext.ACCESSIBLE\_TEXT\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_TEXT_PROPERTY), [AccessibleContext.ACCESSIBLE\_VISIBLE\_DATA\_PROPERTY](http://docs.google.com/javax/accessibility/AccessibleContext.html#ACCESSIBLE_VISIBLE_DATA_PROPERTY)

### removePropertyChangeListener

public void **removePropertyChangeListener**([PropertyChangeListener](http://docs.google.com/java/beans/PropertyChangeListener.html) l)

Remove a PropertyChangeListener from the listener list. This removes a PropertyChangeListener that was registered for all properties.

**Overrides:**[removePropertyChangeListener](http://docs.google.com/javax/accessibility/AccessibleContext.html#removePropertyChangeListener(java.beans.PropertyChangeListener)) in class [AccessibleContext](http://docs.google.com/javax/accessibility/AccessibleContext.html) **Parameters:**l - The PropertyChangeListener to be removed

### getAccessibleAction

public [AccessibleAction](http://docs.google.com/javax/accessibility/AccessibleAction.html) **getAccessibleAction**()

Get the AccessibleAction associated with this object. In the implementation of the Java Accessibility API for this class, return this object, which is responsible for implementing the AccessibleAction interface on behalf of itself.

**Overrides:**[getAccessibleAction](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleAction()) in class [AccessibleContext](http://docs.google.com/javax/accessibility/AccessibleContext.html) **Returns:**this object**See Also:**[AccessibleAction](http://docs.google.com/javax/accessibility/AccessibleAction.html)

### getAccessibleComponent

public [AccessibleComponent](http://docs.google.com/javax/accessibility/AccessibleComponent.html) **getAccessibleComponent**()

Get the AccessibleComponent associated with this object. In the implementation of the Java Accessibility API for this class, return this object, which is responsible for implementing the AccessibleComponent interface on behalf of itself.

**Overrides:**[getAccessibleComponent](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleComponent()) in class [AccessibleContext](http://docs.google.com/javax/accessibility/AccessibleContext.html) **Returns:**this object**See Also:**[AccessibleComponent](http://docs.google.com/javax/accessibility/AccessibleComponent.html)

### getAccessibleSelection

public [AccessibleSelection](http://docs.google.com/javax/accessibility/AccessibleSelection.html) **getAccessibleSelection**()

Get the AccessibleSelection associated with this object if one exists. Otherwise return null.

**Overrides:**[getAccessibleSelection](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleSelection()) in class [AccessibleContext](http://docs.google.com/javax/accessibility/AccessibleContext.html) **Returns:**the AccessibleSelection, or null**See Also:**[AccessibleSelection](http://docs.google.com/javax/accessibility/AccessibleSelection.html)

### getAccessibleText

public [AccessibleText](http://docs.google.com/javax/accessibility/AccessibleText.html) **getAccessibleText**()

Get the AccessibleText associated with this object if one exists. Otherwise return null.

**Overrides:**[getAccessibleText](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleText()) in class [AccessibleContext](http://docs.google.com/javax/accessibility/AccessibleContext.html) **Returns:**the AccessibleText, or null**See Also:**[AccessibleText](http://docs.google.com/javax/accessibility/AccessibleText.html)

### getAccessibleValue

public [AccessibleValue](http://docs.google.com/javax/accessibility/AccessibleValue.html) **getAccessibleValue**()

Get the AccessibleValue associated with this object if one exists. Otherwise return null.

**Overrides:**[getAccessibleValue](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleValue()) in class [AccessibleContext](http://docs.google.com/javax/accessibility/AccessibleContext.html) **Returns:**the AccessibleValue, or null**See Also:**[AccessibleValue](http://docs.google.com/javax/accessibility/AccessibleValue.html)

### getBackground

public [Color](http://docs.google.com/java/awt/Color.html) **getBackground**()

Get the background color of this object.

**Specified by:**[getBackground](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getBackground()) in interface [AccessibleComponent](http://docs.google.com/javax/accessibility/AccessibleComponent.html) **Returns:**the background color, if supported, of the object; otherwise, null**See Also:**[AccessibleComponent.setBackground(java.awt.Color)](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setBackground(java.awt.Color))

### setBackground

public void **setBackground**([Color](http://docs.google.com/java/awt/Color.html) c)

Set the background color of this object.

**Specified by:**[setBackground](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setBackground(java.awt.Color)) in interface [AccessibleComponent](http://docs.google.com/javax/accessibility/AccessibleComponent.html) **Parameters:**c - the new Color for the background**See Also:**[AccessibleComponent.setBackground(java.awt.Color)](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setBackground(java.awt.Color))

### getForeground

public [Color](http://docs.google.com/java/awt/Color.html) **getForeground**()

Get the foreground color of this object.

**Specified by:**[getForeground](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getForeground()) in interface [AccessibleComponent](http://docs.google.com/javax/accessibility/AccessibleComponent.html) **Returns:**the foreground color, if supported, of the object; otherwise, null**See Also:**[AccessibleComponent.setForeground(java.awt.Color)](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setForeground(java.awt.Color))

### setForeground

public void **setForeground**([Color](http://docs.google.com/java/awt/Color.html) c)

**Description copied from interface:** [**AccessibleComponent**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setForeground(java.awt.Color)) Sets the foreground color of this object.

**Specified by:**[setForeground](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setForeground(java.awt.Color)) in interface [AccessibleComponent](http://docs.google.com/javax/accessibility/AccessibleComponent.html) **Parameters:**c - the new Color for the foreground**See Also:**[AccessibleComponent.getForeground()](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getForeground())

### getCursor

public [Cursor](http://docs.google.com/java/awt/Cursor.html) **getCursor**()

**Description copied from interface:** [**AccessibleComponent**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getCursor()) Gets the Cursor of this object.

**Specified by:**[getCursor](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getCursor()) in interface [AccessibleComponent](http://docs.google.com/javax/accessibility/AccessibleComponent.html) **Returns:**the Cursor, if supported, of the object; otherwise, null**See Also:**[AccessibleComponent.setCursor(java.awt.Cursor)](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setCursor(java.awt.Cursor))

### setCursor

public void **setCursor**([Cursor](http://docs.google.com/java/awt/Cursor.html) c)

**Description copied from interface:** [**AccessibleComponent**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setCursor(java.awt.Cursor)) Sets the Cursor of this object.

**Specified by:**[setCursor](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setCursor(java.awt.Cursor)) in interface [AccessibleComponent](http://docs.google.com/javax/accessibility/AccessibleComponent.html) **Parameters:**c - the new Cursor for the object**See Also:**[AccessibleComponent.getCursor()](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getCursor())

### getFont

public [Font](http://docs.google.com/java/awt/Font.html) **getFont**()

**Description copied from interface:** [**AccessibleComponent**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getFont()) Gets the Font of this object.

**Specified by:**[getFont](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getFont()) in interface [AccessibleComponent](http://docs.google.com/javax/accessibility/AccessibleComponent.html) **Returns:**the Font,if supported, for the object; otherwise, null**See Also:**[AccessibleComponent.setFont(java.awt.Font)](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setFont(java.awt.Font))

### setFont

public void **setFont**([Font](http://docs.google.com/java/awt/Font.html) f)

**Description copied from interface:** [**AccessibleComponent**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setFont(java.awt.Font)) Sets the Font of this object.

**Specified by:**[setFont](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setFont(java.awt.Font)) in interface [AccessibleComponent](http://docs.google.com/javax/accessibility/AccessibleComponent.html) **Parameters:**f - the new Font for the object**See Also:**[AccessibleComponent.getFont()](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getFont())

### getFontMetrics

public [FontMetrics](http://docs.google.com/java/awt/FontMetrics.html) **getFontMetrics**([Font](http://docs.google.com/java/awt/Font.html) f)

**Description copied from interface:** [**AccessibleComponent**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getFontMetrics(java.awt.Font)) Gets the FontMetrics of this object.

**Specified by:**[getFontMetrics](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getFontMetrics(java.awt.Font)) in interface [AccessibleComponent](http://docs.google.com/javax/accessibility/AccessibleComponent.html) **Parameters:**f - the Font **Returns:**the FontMetrics, if supported, the object; otherwise, null**See Also:**[AccessibleComponent.getFont()](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getFont())

### isEnabled

public boolean **isEnabled**()

**Description copied from interface:** [**AccessibleComponent**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#isEnabled()) Determines if the object is enabled. Objects that are enabled will also have the AccessibleState.ENABLED state set in their AccessibleStateSets.

**Specified by:**[isEnabled](http://docs.google.com/javax/accessibility/AccessibleComponent.html#isEnabled()) in interface [AccessibleComponent](http://docs.google.com/javax/accessibility/AccessibleComponent.html) **Returns:**true if object is enabled; otherwise, false**See Also:**[AccessibleComponent.setEnabled(boolean)](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setEnabled(boolean)), [AccessibleContext.getAccessibleStateSet()](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleStateSet()), [AccessibleState.ENABLED](http://docs.google.com/javax/accessibility/AccessibleState.html#ENABLED), [AccessibleStateSet](http://docs.google.com/javax/accessibility/AccessibleStateSet.html)

### setEnabled

public void **setEnabled**(boolean b)

**Description copied from interface:** [**AccessibleComponent**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setEnabled(boolean)) Sets the enabled state of the object.

**Specified by:**[setEnabled](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setEnabled(boolean)) in interface [AccessibleComponent](http://docs.google.com/javax/accessibility/AccessibleComponent.html) **Parameters:**b - if true, enables this object; otherwise, disables it**See Also:**[AccessibleComponent.isEnabled()](http://docs.google.com/javax/accessibility/AccessibleComponent.html#isEnabled())

### isVisible

public boolean **isVisible**()

**Description copied from interface:** [**AccessibleComponent**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#isVisible()) Determines if the object is visible. Note: this means that the object intends to be visible; however, it may not be showing on the screen because one of the objects that this object is contained by is currently not visible. To determine if an object is showing on the screen, use isShowing().

Objects that are visible will also have the AccessibleState.VISIBLE state set in their AccessibleStateSets.

**Specified by:**[isVisible](http://docs.google.com/javax/accessibility/AccessibleComponent.html#isVisible()) in interface [AccessibleComponent](http://docs.google.com/javax/accessibility/AccessibleComponent.html) **Returns:**true if object is visible; otherwise, false**See Also:**[AccessibleComponent.setVisible(boolean)](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setVisible(boolean)), [AccessibleContext.getAccessibleStateSet()](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleStateSet()), [AccessibleState.VISIBLE](http://docs.google.com/javax/accessibility/AccessibleState.html#VISIBLE), [AccessibleStateSet](http://docs.google.com/javax/accessibility/AccessibleStateSet.html)

### setVisible

public void **setVisible**(boolean b)

**Description copied from interface:** [**AccessibleComponent**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setVisible(boolean)) Sets the visible state of the object.

**Specified by:**[setVisible](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setVisible(boolean)) in interface [AccessibleComponent](http://docs.google.com/javax/accessibility/AccessibleComponent.html) **Parameters:**b - if true, shows this object; otherwise, hides it**See Also:**[AccessibleComponent.isVisible()](http://docs.google.com/javax/accessibility/AccessibleComponent.html#isVisible())

### isShowing

public boolean **isShowing**()

**Description copied from interface:** [**AccessibleComponent**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#isShowing()) Determines if the object is showing. This is determined by checking the visibility of the object and its ancestors. Note: this will return true even if the object is obscured by another (for example, it is underneath a menu that was pulled down).

**Specified by:**[isShowing](http://docs.google.com/javax/accessibility/AccessibleComponent.html#isShowing()) in interface [AccessibleComponent](http://docs.google.com/javax/accessibility/AccessibleComponent.html) **Returns:**true if object is showing; otherwise, false

### contains

public boolean **contains**([Point](http://docs.google.com/java/awt/Point.html) p)

**Description copied from interface:** [**AccessibleComponent**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#contains(java.awt.Point)) Checks whether the specified point is within this object's bounds, where the point's x and y coordinates are defined to be relative to the coordinate system of the object.

**Specified by:**[contains](http://docs.google.com/javax/accessibility/AccessibleComponent.html#contains(java.awt.Point)) in interface [AccessibleComponent](http://docs.google.com/javax/accessibility/AccessibleComponent.html) **Parameters:**p - the Point relative to the coordinate system of the object **Returns:**true if object contains Point; otherwise false**See Also:**[AccessibleComponent.getBounds()](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getBounds())

### getLocationOnScreen

public [Point](http://docs.google.com/java/awt/Point.html) **getLocationOnScreen**()

**Description copied from interface:** [**AccessibleComponent**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getLocationOnScreen()) Returns the location of the object on the screen.

**Specified by:**[getLocationOnScreen](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getLocationOnScreen()) in interface [AccessibleComponent](http://docs.google.com/javax/accessibility/AccessibleComponent.html) **Returns:**the location of the object on screen; null if this object is not on the screen**See Also:**[AccessibleComponent.getBounds()](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getBounds()), [AccessibleComponent.getLocation()](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getLocation())

### getLocationInJTree

protected [Point](http://docs.google.com/java/awt/Point.html) **getLocationInJTree**()

### getLocation

public [Point](http://docs.google.com/java/awt/Point.html) **getLocation**()

**Description copied from interface:** [**AccessibleComponent**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getLocation()) Gets the location of the object relative to the parent in the form of a point specifying the object's top-left corner in the screen's coordinate space.

**Specified by:**[getLocation](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getLocation()) in interface [AccessibleComponent](http://docs.google.com/javax/accessibility/AccessibleComponent.html) **Returns:**An instance of Point representing the top-left corner of the object's bounds in the coordinate space of the screen; null if this object or its parent are not on the screen**See Also:**[AccessibleComponent.getBounds()](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getBounds()), [AccessibleComponent.getLocationOnScreen()](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getLocationOnScreen())

### setLocation

public void **setLocation**([Point](http://docs.google.com/java/awt/Point.html) p)

**Description copied from interface:** [**AccessibleComponent**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setLocation(java.awt.Point)) Sets the location of the object relative to the parent.

**Specified by:**[setLocation](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setLocation(java.awt.Point)) in interface [AccessibleComponent](http://docs.google.com/javax/accessibility/AccessibleComponent.html) **Parameters:**p - the new position for the top-left corner**See Also:**[AccessibleComponent.getLocation()](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getLocation())

### getBounds

public [Rectangle](http://docs.google.com/java/awt/Rectangle.html) **getBounds**()

**Description copied from interface:** [**AccessibleComponent**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getBounds()) Gets the bounds of this object in the form of a Rectangle object. The bounds specify this object's width, height, and location relative to its parent.

**Specified by:**[getBounds](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getBounds()) in interface [AccessibleComponent](http://docs.google.com/javax/accessibility/AccessibleComponent.html) **Returns:**A rectangle indicating this component's bounds; null if this object is not on the screen.**See Also:**[AccessibleComponent.contains(java.awt.Point)](http://docs.google.com/javax/accessibility/AccessibleComponent.html#contains(java.awt.Point))

### setBounds

public void **setBounds**([Rectangle](http://docs.google.com/java/awt/Rectangle.html) r)

**Description copied from interface:** [**AccessibleComponent**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setBounds(java.awt.Rectangle)) Sets the bounds of this object in the form of a Rectangle object. The bounds specify this object's width, height, and location relative to its parent.

**Specified by:**[setBounds](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setBounds(java.awt.Rectangle)) in interface [AccessibleComponent](http://docs.google.com/javax/accessibility/AccessibleComponent.html) **Parameters:**r - rectangle indicating this component's bounds**See Also:**[AccessibleComponent.getBounds()](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getBounds())

### getSize

public [Dimension](http://docs.google.com/java/awt/Dimension.html) **getSize**()

**Description copied from interface:** [**AccessibleComponent**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getSize()) Returns the size of this object in the form of a Dimension object. The height field of the Dimension object contains this object's height, and the width field of the Dimension object contains this object's width.

**Specified by:**[getSize](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getSize()) in interface [AccessibleComponent](http://docs.google.com/javax/accessibility/AccessibleComponent.html) **Returns:**A Dimension object that indicates the size of this component; null if this object is not on the screen**See Also:**[AccessibleComponent.setSize(java.awt.Dimension)](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setSize(java.awt.Dimension))

### setSize

public void **setSize**([Dimension](http://docs.google.com/java/awt/Dimension.html) d)

**Description copied from interface:** [**AccessibleComponent**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setSize(java.awt.Dimension)) Resizes this object so that it has width and height.

**Specified by:**[setSize](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setSize(java.awt.Dimension)) in interface [AccessibleComponent](http://docs.google.com/javax/accessibility/AccessibleComponent.html) **Parameters:**d - The dimension specifying the new size of the object.**See Also:**[AccessibleComponent.getSize()](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getSize())

### getAccessibleAt

public [Accessible](http://docs.google.com/javax/accessibility/Accessible.html) **getAccessibleAt**([Point](http://docs.google.com/java/awt/Point.html) p)

Returns the Accessible child, if one exists, contained at the local coordinate Point. Otherwise returns null.

**Specified by:**[getAccessibleAt](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getAccessibleAt(java.awt.Point)) in interface [AccessibleComponent](http://docs.google.com/javax/accessibility/AccessibleComponent.html) **Parameters:**p - point in local coordinates of this Accessible **Returns:**the Accessible, if it exists, at the specified location; else null

### isFocusTraversable

public boolean **isFocusTraversable**()

**Description copied from interface:** [**AccessibleComponent**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#isFocusTraversable()) Returns whether this object can accept focus or not. Objects that can accept focus will also have the AccessibleState.FOCUSABLE state set in their AccessibleStateSets.

**Specified by:**[isFocusTraversable](http://docs.google.com/javax/accessibility/AccessibleComponent.html#isFocusTraversable()) in interface [AccessibleComponent](http://docs.google.com/javax/accessibility/AccessibleComponent.html) **Returns:**true if object can accept focus; otherwise false**See Also:**[AccessibleContext.getAccessibleStateSet()](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleStateSet()), [AccessibleState.FOCUSABLE](http://docs.google.com/javax/accessibility/AccessibleState.html#FOCUSABLE), [AccessibleState.FOCUSED](http://docs.google.com/javax/accessibility/AccessibleState.html#FOCUSED), [AccessibleStateSet](http://docs.google.com/javax/accessibility/AccessibleStateSet.html)

### requestFocus

public void **requestFocus**()

**Description copied from interface:** [**AccessibleComponent**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#requestFocus()) Requests focus for this object. If this object cannot accept focus, nothing will happen. Otherwise, the object will attempt to take focus.

**Specified by:**[requestFocus](http://docs.google.com/javax/accessibility/AccessibleComponent.html#requestFocus()) in interface [AccessibleComponent](http://docs.google.com/javax/accessibility/AccessibleComponent.html) **See Also:**[AccessibleComponent.isFocusTraversable()](http://docs.google.com/javax/accessibility/AccessibleComponent.html#isFocusTraversable())

### addFocusListener

public void **addFocusListener**([FocusListener](http://docs.google.com/java/awt/event/FocusListener.html) l)

**Description copied from interface:** [**AccessibleComponent**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#addFocusListener(java.awt.event.FocusListener)) Adds the specified focus listener to receive focus events from this component.

**Specified by:**[addFocusListener](http://docs.google.com/javax/accessibility/AccessibleComponent.html#addFocusListener(java.awt.event.FocusListener)) in interface [AccessibleComponent](http://docs.google.com/javax/accessibility/AccessibleComponent.html) **Parameters:**l - the focus listener**See Also:**[AccessibleComponent.removeFocusListener(java.awt.event.FocusListener)](http://docs.google.com/javax/accessibility/AccessibleComponent.html#removeFocusListener(java.awt.event.FocusListener))

### removeFocusListener

public void **removeFocusListener**([FocusListener](http://docs.google.com/java/awt/event/FocusListener.html) l)

**Description copied from interface:** [**AccessibleComponent**](http://docs.google.com/javax/accessibility/AccessibleComponent.html#removeFocusListener(java.awt.event.FocusListener)) Removes the specified focus listener so it no longer receives focus events from this component.

**Specified by:**[removeFocusListener](http://docs.google.com/javax/accessibility/AccessibleComponent.html#removeFocusListener(java.awt.event.FocusListener)) in interface [AccessibleComponent](http://docs.google.com/javax/accessibility/AccessibleComponent.html) **Parameters:**l - the focus listener**See Also:**[AccessibleComponent.addFocusListener(java.awt.event.FocusListener)](http://docs.google.com/javax/accessibility/AccessibleComponent.html#addFocusListener(java.awt.event.FocusListener))

### getAccessibleSelectionCount

public int **getAccessibleSelectionCount**()

Returns the number of items currently selected. If no items are selected, the return value will be 0.

**Specified by:**[getAccessibleSelectionCount](http://docs.google.com/javax/accessibility/AccessibleSelection.html#getAccessibleSelectionCount()) in interface [AccessibleSelection](http://docs.google.com/javax/accessibility/AccessibleSelection.html) **Returns:**the number of items currently selected.

### getAccessibleSelection

public [Accessible](http://docs.google.com/javax/accessibility/Accessible.html) **getAccessibleSelection**(int i)

Returns an Accessible representing the specified selected item in the object. If there isn't a selection, or there are fewer items selected than the integer passed in, the return value will be null.

**Specified by:**[getAccessibleSelection](http://docs.google.com/javax/accessibility/AccessibleSelection.html#getAccessibleSelection(int)) in interface [AccessibleSelection](http://docs.google.com/javax/accessibility/AccessibleSelection.html) **Parameters:**i - the zero-based index of selected items **Returns:**an Accessible containing the selected item**See Also:**[AccessibleSelection.getAccessibleSelectionCount()](http://docs.google.com/javax/accessibility/AccessibleSelection.html#getAccessibleSelectionCount())

### isAccessibleChildSelected

public boolean **isAccessibleChildSelected**(int i)

Returns true if the current child of this object is selected.

**Specified by:**[isAccessibleChildSelected](http://docs.google.com/javax/accessibility/AccessibleSelection.html#isAccessibleChildSelected(int)) in interface [AccessibleSelection](http://docs.google.com/javax/accessibility/AccessibleSelection.html) **Parameters:**i - the zero-based index of the child in this Accessible object. **Returns:**true if the current child of this object is selected; else false.**See Also:**[AccessibleContext.getAccessibleChild(int)](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleChild(int))

### addAccessibleSelection

public void **addAccessibleSelection**(int i)

Adds the specified selected item in the object to the object's selection. If the object supports multiple selections, the specified item is added to any existing selection, otherwise it replaces any existing selection in the object. If the specified item is already selected, this method has no effect.

**Specified by:**[addAccessibleSelection](http://docs.google.com/javax/accessibility/AccessibleSelection.html#addAccessibleSelection(int)) in interface [AccessibleSelection](http://docs.google.com/javax/accessibility/AccessibleSelection.html) **Parameters:**i - the zero-based index of selectable items**See Also:**[AccessibleContext.getAccessibleChild(int)](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleChild(int))

### removeAccessibleSelection

public void **removeAccessibleSelection**(int i)

Removes the specified selected item in the object from the object's selection. If the specified item isn't currently selected, this method has no effect.

**Specified by:**[removeAccessibleSelection](http://docs.google.com/javax/accessibility/AccessibleSelection.html#removeAccessibleSelection(int)) in interface [AccessibleSelection](http://docs.google.com/javax/accessibility/AccessibleSelection.html) **Parameters:**i - the zero-based index of selectable items**See Also:**[AccessibleContext.getAccessibleChild(int)](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleChild(int))

### clearAccessibleSelection

public void **clearAccessibleSelection**()

Clears the selection in the object, so that nothing in the object is selected.

**Specified by:**[clearAccessibleSelection](http://docs.google.com/javax/accessibility/AccessibleSelection.html#clearAccessibleSelection()) in interface [AccessibleSelection](http://docs.google.com/javax/accessibility/AccessibleSelection.html)

### selectAllAccessibleSelection

public void **selectAllAccessibleSelection**()

Causes every selected item in the object to be selected if the object supports multiple selections.

**Specified by:**[selectAllAccessibleSelection](http://docs.google.com/javax/accessibility/AccessibleSelection.html#selectAllAccessibleSelection()) in interface [AccessibleSelection](http://docs.google.com/javax/accessibility/AccessibleSelection.html)

### getAccessibleActionCount

public int **getAccessibleActionCount**()

Returns the number of accessible actions available in this tree node. If this node is not a leaf, there is at least one action (toggle expand), in addition to any available on the object behind the TreeCellRenderer.

**Specified by:**[getAccessibleActionCount](http://docs.google.com/javax/accessibility/AccessibleAction.html#getAccessibleActionCount()) in interface [AccessibleAction](http://docs.google.com/javax/accessibility/AccessibleAction.html) **Returns:**the number of Actions in this object

### getAccessibleActionDescription

public [String](http://docs.google.com/java/lang/String.html) **getAccessibleActionDescription**(int i)

Return a description of the specified action of the tree node. If this node is not a leaf, there is at least one action description (toggle expand), in addition to any available on the object behind the TreeCellRenderer.

**Specified by:**[getAccessibleActionDescription](http://docs.google.com/javax/accessibility/AccessibleAction.html#getAccessibleActionDescription(int)) in interface [AccessibleAction](http://docs.google.com/javax/accessibility/AccessibleAction.html) **Parameters:**i - zero-based index of the actions **Returns:**a description of the action**See Also:**[AccessibleAction.getAccessibleActionCount()](http://docs.google.com/javax/accessibility/AccessibleAction.html#getAccessibleActionCount())

### doAccessibleAction

public boolean **doAccessibleAction**(int i)

Perform the specified Action on the tree node. If this node is not a leaf, there is at least one action which can be done (toggle expand), in addition to any available on the object behind the TreeCellRenderer.

**Specified by:**[doAccessibleAction](http://docs.google.com/javax/accessibility/AccessibleAction.html#doAccessibleAction(int)) in interface [AccessibleAction](http://docs.google.com/javax/accessibility/AccessibleAction.html) **Parameters:**i - zero-based index of actions **Returns:**true if the the action was performed; else false.**See Also:**[AccessibleAction.getAccessibleActionCount()](http://docs.google.com/javax/accessibility/AccessibleAction.html#getAccessibleActionCount())

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/JTree.AccessibleJTree.AccessibleJTreeNode.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/JTree.AccessibleJTree.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/JTree.DropLocation.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/JTree.AccessibleJTree.AccessibleJTreeNode.html)    [**NO FRAMES**](http://docs.google.com/JTree.AccessibleJTree.AccessibleJTreeNode.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#2et92p0) | [CONSTR](#3dy6vkm) | [METHOD](#1t3h5sf) | DETAIL: FIELD | [CONSTR](#17dp8vu) | [METHOD](#26in1rg) |

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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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