| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/JTable.AccessibleJTable.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/JTable.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.AccessibleJTableCell.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/JTable.AccessibleJTable.html)    [**NO FRAMES**](http://docs.google.com/JTable.AccessibleJTable.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: [NESTED](#3znysh7) | [FIELD](#1t3h5sf) | [CONSTR](#17dp8vu) | [METHOD](#3rdcrjn) | DETAIL: FIELD | [CONSTR](#2jxsxqh) | [METHOD](#3j2qqm3) |

## **javax.swing**

Class JTable.AccessibleJTable

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [javax.accessibility.AccessibleContext](http://docs.google.com/javax/accessibility/AccessibleContext.html)  
 [java.awt.Component.AccessibleAWTComponent](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html)  
 [java.awt.Container.AccessibleAWTContainer](http://docs.google.com/java/awt/Container.AccessibleAWTContainer.html)  
 [javax.swing.JComponent.AccessibleJComponent](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html)  
 **javax.swing.JTable.AccessibleJTable**

**All Implemented Interfaces:** [PropertyChangeListener](http://docs.google.com/java/beans/PropertyChangeListener.html), [Serializable](http://docs.google.com/java/io/Serializable.html), [EventListener](http://docs.google.com/java/util/EventListener.html), [AccessibleComponent](http://docs.google.com/javax/accessibility/AccessibleComponent.html), [AccessibleExtendedComponent](http://docs.google.com/javax/accessibility/AccessibleExtendedComponent.html), [AccessibleExtendedTable](http://docs.google.com/javax/accessibility/AccessibleExtendedTable.html), [AccessibleSelection](http://docs.google.com/javax/accessibility/AccessibleSelection.html), [AccessibleTable](http://docs.google.com/javax/accessibility/AccessibleTable.html), [CellEditorListener](http://docs.google.com/javax/swing/event/CellEditorListener.html), [ListSelectionListener](http://docs.google.com/javax/swing/event/ListSelectionListener.html), [TableColumnModelListener](http://docs.google.com/javax/swing/event/TableColumnModelListener.html), [TableModelListener](http://docs.google.com/javax/swing/event/TableModelListener.html) **Enclosing class:**[JTable](http://docs.google.com/javax/swing/JTable.html)

protected class **JTable.AccessibleJTable**extends [JComponent.AccessibleJComponent](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html)implements [AccessibleSelection](http://docs.google.com/javax/accessibility/AccessibleSelection.html), [ListSelectionListener](http://docs.google.com/javax/swing/event/ListSelectionListener.html), [TableModelListener](http://docs.google.com/javax/swing/event/TableModelListener.html), [TableColumnModelListener](http://docs.google.com/javax/swing/event/TableColumnModelListener.html), [CellEditorListener](http://docs.google.com/javax/swing/event/CellEditorListener.html), [PropertyChangeListener](http://docs.google.com/java/beans/PropertyChangeListener.html), [AccessibleExtendedTable](http://docs.google.com/javax/accessibility/AccessibleExtendedTable.html)

This class implements accessibility support for the JTable class. It provides an implementation of the Java Accessibility API appropriate to table user-interface elements.

**Warning:** Serialized objects of this class will not be compatible with future Swing releases. The current serialization support is appropriate for short term storage or RMI between applications running the same version of Swing. As of 1.4, support for long term storage of all JavaBeansTM has been added to the java.beans package. Please see [XMLEncoder](http://docs.google.com/java/beans/XMLEncoder.html).

| **Nested Class Summary** | |
| --- | --- |
| protected  class | [**JTable.AccessibleJTable.AccessibleJTableCell**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.AccessibleJTableCell.html)            The class provides an implementation of the Java Accessibility API appropriate to table cells. |
| protected  class | [**JTable.AccessibleJTable.AccessibleJTableModelChange**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.AccessibleJTableModelChange.html) |

| **Nested classes/interfaces inherited from class javax.swing.**[**JComponent.AccessibleJComponent**](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html) |
| --- |
| [JComponent.AccessibleJComponent.AccessibleContainerHandler](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.AccessibleContainerHandler.html), [JComponent.AccessibleJComponent.AccessibleFocusHandler](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.AccessibleFocusHandler.html) |

| **Nested classes/interfaces inherited from class java.awt.**[**Component.AccessibleAWTComponent**](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html) |
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| [Component.AccessibleAWTComponent.AccessibleAWTComponentHandler](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.AccessibleAWTComponentHandler.html), [Component.AccessibleAWTComponent.AccessibleAWTFocusHandler](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.AccessibleAWTFocusHandler.html) |

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

| **Fields inherited from class javax.swing.**[**JComponent.AccessibleJComponent**](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html) |
| --- |
| [accessibleContainerHandler](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html#accessibleContainerHandler), [accessibleFocusHandler](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html#accessibleFocusHandler) |

| **Fields inherited from class java.awt.**[**Component.AccessibleAWTComponent**](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html) |
| --- |
| [accessibleAWTComponentHandler](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#accessibleAWTComponentHandler), [accessibleAWTFocusHandler](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#accessibleAWTFocusHandler) |

| **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), [accessibleParent](http://docs.google.com/javax/accessibility/AccessibleContext.html#accessibleParent) |

| **Constructor Summary** | |
| --- | --- |
| protected | [**JTable.AccessibleJTable**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#JTable.AccessibleJTable())()            AccessibleJTable constructor |

| **Method Summary** | |
| --- | --- |
| void | [**addAccessibleSelection**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#addAccessibleSelection(int))(int i)            Adds the specified Accessible child of the object to the object's selection. |
| void | [**clearAccessibleSelection**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#clearAccessibleSelection())()            Clears the selection in the object, so that no children in the object are selected. |
| void | [**columnAdded**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#columnAdded(javax.swing.event.TableColumnModelEvent))([TableColumnModelEvent](http://docs.google.com/javax/swing/event/TableColumnModelEvent.html) e)            Track changes to the table contents (column insertions) |
| void | [**columnMarginChanged**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#columnMarginChanged(javax.swing.event.ChangeEvent))([ChangeEvent](http://docs.google.com/javax/swing/event/ChangeEvent.html) e)            Track changes of a column moving due to margin changes. |
| void | [**columnMoved**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#columnMoved(javax.swing.event.TableColumnModelEvent))([TableColumnModelEvent](http://docs.google.com/javax/swing/event/TableColumnModelEvent.html) e)            Track changes of a column repositioning. |
| void | [**columnRemoved**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#columnRemoved(javax.swing.event.TableColumnModelEvent))([TableColumnModelEvent](http://docs.google.com/javax/swing/event/TableColumnModelEvent.html) e)            Track changes to the table contents (column deletions) |
| void | [**columnSelectionChanged**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#columnSelectionChanged(javax.swing.event.ListSelectionEvent))([ListSelectionEvent](http://docs.google.com/javax/swing/event/ListSelectionEvent.html) e)            Track that the selection model of the TableColumnModel changed. |
| void | [**editingCanceled**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#editingCanceled(javax.swing.event.ChangeEvent))([ChangeEvent](http://docs.google.com/javax/swing/event/ChangeEvent.html) e)            Invoked when editing is canceled. |
| void | [**editingStopped**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#editingStopped(javax.swing.event.ChangeEvent))([ChangeEvent](http://docs.google.com/javax/swing/event/ChangeEvent.html) e)            Track changes to a cell's contents. |
| [Accessible](http://docs.google.com/javax/accessibility/Accessible.html) | [**getAccessibleAt**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#getAccessibleAt(int,%20int))(int r, int c)            Returns the Accessible at a specified row and column in the table. |
| [Accessible](http://docs.google.com/javax/accessibility/Accessible.html) | [**getAccessibleAt**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.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) | [**getAccessibleCaption**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#getAccessibleCaption())()            Returns the caption for the table. |
| [Accessible](http://docs.google.com/javax/accessibility/Accessible.html) | [**getAccessibleChild**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#getAccessibleChild(int))(int i)            Returns the nth Accessible child of the object. |
| int | [**getAccessibleChildrenCount**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#getAccessibleChildrenCount())()            Returns the number of accessible children in the object. |
| int | [**getAccessibleColumn**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#getAccessibleColumn(int))(int index)            Returns the column number of an index in the table. |
| int | [**getAccessibleColumnAtIndex**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#getAccessibleColumnAtIndex(int))(int i)            Returns the column at a given index into the table. |
| int | [**getAccessibleColumnCount**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#getAccessibleColumnCount())()            Returns the number of columns in the table. |
| [Accessible](http://docs.google.com/javax/accessibility/Accessible.html) | [**getAccessibleColumnDescription**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#getAccessibleColumnDescription(int))(int c)            Returns the description of the specified column in the table. |
| int | [**getAccessibleColumnExtentAt**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#getAccessibleColumnExtentAt(int,%20int))(int r, int c)            Returns the number of columns occupied by the Accessible at a given (row, column). |
| [AccessibleTable](http://docs.google.com/javax/accessibility/AccessibleTable.html) | [**getAccessibleColumnHeader**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#getAccessibleColumnHeader())()            Returns the column headers as an AccessibleTable. |
| int | [**getAccessibleIndex**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#getAccessibleIndex(int,%20int))(int r, int c)            Returns the index at a row and column in the table. |
| int | [**getAccessibleIndexAt**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#getAccessibleIndexAt(int,%20int))(int r, int c)            Returns the index at a given (row, column) in the table. |
| [AccessibleRole](http://docs.google.com/javax/accessibility/AccessibleRole.html) | [**getAccessibleRole**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#getAccessibleRole())()            Gets the role of this object. |
| int | [**getAccessibleRow**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#getAccessibleRow(int))(int index)            Returns the row number of an index in the table. |
| int | [**getAccessibleRowAtIndex**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#getAccessibleRowAtIndex(int))(int i)            Returns the row at a given index into the table. |
| int | [**getAccessibleRowCount**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#getAccessibleRowCount())()            Returns the number of rows in the table. |
| [Accessible](http://docs.google.com/javax/accessibility/Accessible.html) | [**getAccessibleRowDescription**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#getAccessibleRowDescription(int))(int r)            Returns the description of the specified row in the table. |
| int | [**getAccessibleRowExtentAt**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#getAccessibleRowExtentAt(int,%20int))(int r, int c)            Returns the number of rows occupied by the Accessible at a specified row and column in the table. |
| [AccessibleTable](http://docs.google.com/javax/accessibility/AccessibleTable.html) | [**getAccessibleRowHeader**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#getAccessibleRowHeader())()            Returns the row headers as an AccessibleTable. |
| [AccessibleSelection](http://docs.google.com/javax/accessibility/AccessibleSelection.html) | [**getAccessibleSelection**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#getAccessibleSelection())()            Get the AccessibleSelection associated with this object. |
| [Accessible](http://docs.google.com/javax/accessibility/Accessible.html) | [**getAccessibleSelection**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#getAccessibleSelection(int))(int i)            Returns an Accessible representing the specified selected child in the object. |
| int | [**getAccessibleSelectionCount**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#getAccessibleSelectionCount())()            Returns the number of Accessible children currently selected. |
| [Accessible](http://docs.google.com/javax/accessibility/Accessible.html) | [**getAccessibleSummary**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#getAccessibleSummary())()            Returns the summary description of the table. |
| [AccessibleTable](http://docs.google.com/javax/accessibility/AccessibleTable.html) | [**getAccessibleTable**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#getAccessibleTable())()            Gets the AccessibleTable associated with this object. |
| int[] | [**getSelectedAccessibleColumns**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#getSelectedAccessibleColumns())()            Returns the selected columns in a table. |
| int[] | [**getSelectedAccessibleRows**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#getSelectedAccessibleRows())()            Returns the selected rows in a table. |
| boolean | [**isAccessibleChildSelected**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#isAccessibleChildSelected(int))(int i)            Determines if the current child of this object is selected. |
| boolean | [**isAccessibleColumnSelected**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#isAccessibleColumnSelected(int))(int c)            Returns a boolean value indicating whether the specified column is selected. |
| boolean | [**isAccessibleRowSelected**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#isAccessibleRowSelected(int))(int r)            Returns a boolean value indicating whether the specified row is selected. |
| boolean | [**isAccessibleSelected**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#isAccessibleSelected(int,%20int))(int r, int c)            Returns a boolean value indicating whether the accessible at a given (row, column) is selected. |
| void | [**propertyChange**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#propertyChange(java.beans.PropertyChangeEvent))([PropertyChangeEvent](http://docs.google.com/java/beans/PropertyChangeEvent.html) e)            Track changes to selection model, column model, etc. |
| void | [**removeAccessibleSelection**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#removeAccessibleSelection(int))(int i)            Removes the specified child of the object from the object's selection. |
| void | [**selectAllAccessibleSelection**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#selectAllAccessibleSelection())()            Causes every child of the object to be selected, but only if the JTable supports multiple selections, and if individual cell selection is enabled. |
| void | [**setAccessibleCaption**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#setAccessibleCaption(javax.accessibility.Accessible))([Accessible](http://docs.google.com/javax/accessibility/Accessible.html) a)            Sets the caption for the table. |
| void | [**setAccessibleColumnDescription**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#setAccessibleColumnDescription(int,%20javax.accessibility.Accessible))(int c, [Accessible](http://docs.google.com/javax/accessibility/Accessible.html) a)            Sets the description text of the specified column of the table. |
| void | [**setAccessibleColumnHeader**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#setAccessibleColumnHeader(javax.accessibility.AccessibleTable))([AccessibleTable](http://docs.google.com/javax/accessibility/AccessibleTable.html) a)            Sets the column headers as an AccessibleTable. |
| void | [**setAccessibleRowDescription**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#setAccessibleRowDescription(int,%20javax.accessibility.Accessible))(int r, [Accessible](http://docs.google.com/javax/accessibility/Accessible.html) a)            Sets the description text of the specified row of the table. |
| void | [**setAccessibleRowHeader**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#setAccessibleRowHeader(javax.accessibility.AccessibleTable))([AccessibleTable](http://docs.google.com/javax/accessibility/AccessibleTable.html) a)            Sets the row headers as an AccessibleTable. |
| void | [**setAccessibleSummary**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#setAccessibleSummary(javax.accessibility.Accessible))([Accessible](http://docs.google.com/javax/accessibility/Accessible.html) a)            Sets the summary description of the table. |
| void | [**tableChanged**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#tableChanged(javax.swing.event.TableModelEvent))([TableModelEvent](http://docs.google.com/javax/swing/event/TableModelEvent.html) e)            Track changes to the table contents |
| void | [**tableRowsDeleted**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#tableRowsDeleted(javax.swing.event.TableModelEvent))([TableModelEvent](http://docs.google.com/javax/swing/event/TableModelEvent.html) e)            Track changes to the table contents (row deletions) |
| void | [**tableRowsInserted**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#tableRowsInserted(javax.swing.event.TableModelEvent))([TableModelEvent](http://docs.google.com/javax/swing/event/TableModelEvent.html) e)            Track changes to the table contents (row insertions) |
| void | [**valueChanged**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#valueChanged(javax.swing.event.ListSelectionEvent))([ListSelectionEvent](http://docs.google.com/javax/swing/event/ListSelectionEvent.html) e)            Track changes to table cell selections |

| **Methods inherited from class javax.swing.**[**JComponent.AccessibleJComponent**](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html) |
| --- |
| [addPropertyChangeListener](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html#addPropertyChangeListener(java.beans.PropertyChangeListener)), [getAccessibleDescription](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html#getAccessibleDescription()), [getAccessibleKeyBinding](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html#getAccessibleKeyBinding()), [getAccessibleName](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html#getAccessibleName()), [getAccessibleStateSet](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html#getAccessibleStateSet()), [getBorderTitle](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html#getBorderTitle(javax.swing.border.Border)), [getTitledBorderText](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html#getTitledBorderText()), [getToolTipText](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html#getToolTipText()), [removePropertyChangeListener](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html#removePropertyChangeListener(java.beans.PropertyChangeListener)) |

| **Methods inherited from class java.awt.**[**Component.AccessibleAWTComponent**](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html) |
| --- |
| [addFocusListener](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#addFocusListener(java.awt.event.FocusListener)), [contains](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#contains(java.awt.Point)), [getAccessibleComponent](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#getAccessibleComponent()), [getAccessibleIndexInParent](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#getAccessibleIndexInParent()), [getAccessibleParent](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#getAccessibleParent()), [getBackground](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#getBackground()), [getBounds](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#getBounds()), [getCursor](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#getCursor()), [getFont](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#getFont()), [getFontMetrics](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#getFontMetrics(java.awt.Font)), [getForeground](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#getForeground()), [getLocale](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#getLocale()), [getLocation](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#getLocation()), [getLocationOnScreen](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#getLocationOnScreen()), [getSize](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#getSize()), [isEnabled](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#isEnabled()), [isFocusTraversable](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#isFocusTraversable()), [isShowing](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#isShowing()), [isVisible](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#isVisible()), [removeFocusListener](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#removeFocusListener(java.awt.event.FocusListener)), [requestFocus](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#requestFocus()), [setBackground](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#setBackground(java.awt.Color)), [setBounds](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#setBounds(java.awt.Rectangle)), [setCursor](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#setCursor(java.awt.Cursor)), [setEnabled](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#setEnabled(boolean)), [setFont](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#setFont(java.awt.Font)), [setForeground](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#setForeground(java.awt.Color)), [setLocation](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#setLocation(java.awt.Point)), [setSize](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#setSize(java.awt.Dimension)), [setVisible](http://docs.google.com/java/awt/Component.AccessibleAWTComponent.html#setVisible(boolean)) |

| **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)), [getAccessibleAction](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleAction()), [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()), [getAccessibleText](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleText()), [getAccessibleValue](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleValue()), [setAccessibleDescription](http://docs.google.com/javax/accessibility/AccessibleContext.html#setAccessibleDescription(java.lang.String)), [setAccessibleName](http://docs.google.com/javax/accessibility/AccessibleContext.html#setAccessibleName(java.lang.String)), [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)) |

| **Methods inherited from interface javax.accessibility.**[**AccessibleComponent**](http://docs.google.com/javax/accessibility/AccessibleComponent.html) |
| --- |
| [addFocusListener](http://docs.google.com/javax/accessibility/AccessibleComponent.html#addFocusListener(java.awt.event.FocusListener)), [contains](http://docs.google.com/javax/accessibility/AccessibleComponent.html#contains(java.awt.Point)), [getBackground](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getBackground()), [getBounds](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getBounds()), [getCursor](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getCursor()), [getFont](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getFont()), [getFontMetrics](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getFontMetrics(java.awt.Font)), [getForeground](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getForeground()), [getLocation](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getLocation()), [getLocationOnScreen](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getLocationOnScreen()), [getSize](http://docs.google.com/javax/accessibility/AccessibleComponent.html#getSize()), [isEnabled](http://docs.google.com/javax/accessibility/AccessibleComponent.html#isEnabled()), [isFocusTraversable](http://docs.google.com/javax/accessibility/AccessibleComponent.html#isFocusTraversable()), [isShowing](http://docs.google.com/javax/accessibility/AccessibleComponent.html#isShowing()), [isVisible](http://docs.google.com/javax/accessibility/AccessibleComponent.html#isVisible()), [removeFocusListener](http://docs.google.com/javax/accessibility/AccessibleComponent.html#removeFocusListener(java.awt.event.FocusListener)), [requestFocus](http://docs.google.com/javax/accessibility/AccessibleComponent.html#requestFocus()), [setBackground](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setBackground(java.awt.Color)), [setBounds](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setBounds(java.awt.Rectangle)), [setCursor](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setCursor(java.awt.Cursor)), [setEnabled](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setEnabled(boolean)), [setFont](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setFont(java.awt.Font)), [setForeground](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setForeground(java.awt.Color)), [setLocation](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setLocation(java.awt.Point)), [setSize](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setSize(java.awt.Dimension)), [setVisible](http://docs.google.com/javax/accessibility/AccessibleComponent.html#setVisible(boolean)) |

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

### JTable.AccessibleJTable

protected **JTable.AccessibleJTable**()

AccessibleJTable constructor

**Since:** 1.5

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

### propertyChange

public void **propertyChange**([PropertyChangeEvent](http://docs.google.com/java/beans/PropertyChangeEvent.html) e)

Track changes to selection model, column model, etc. so as to be able to re-place listeners on those in order to pass on information to the Accessibility PropertyChange mechanism

**Specified by:**[propertyChange](http://docs.google.com/java/beans/PropertyChangeListener.html#propertyChange(java.beans.PropertyChangeEvent)) in interface [PropertyChangeListener](http://docs.google.com/java/beans/PropertyChangeListener.html) **Parameters:**e - A PropertyChangeEvent object describing the event source and the property that has changed.

### tableChanged

public void **tableChanged**([TableModelEvent](http://docs.google.com/javax/swing/event/TableModelEvent.html) e)

Track changes to the table contents

**Specified by:**[tableChanged](http://docs.google.com/javax/swing/event/TableModelListener.html#tableChanged(javax.swing.event.TableModelEvent)) in interface [TableModelListener](http://docs.google.com/javax/swing/event/TableModelListener.html)

### tableRowsInserted

public void **tableRowsInserted**([TableModelEvent](http://docs.google.com/javax/swing/event/TableModelEvent.html) e)

Track changes to the table contents (row insertions)

### tableRowsDeleted

public void **tableRowsDeleted**([TableModelEvent](http://docs.google.com/javax/swing/event/TableModelEvent.html) e)

Track changes to the table contents (row deletions)

### columnAdded

public void **columnAdded**([TableColumnModelEvent](http://docs.google.com/javax/swing/event/TableColumnModelEvent.html) e)

Track changes to the table contents (column insertions)

**Specified by:**[columnAdded](http://docs.google.com/javax/swing/event/TableColumnModelListener.html#columnAdded(javax.swing.event.TableColumnModelEvent)) in interface [TableColumnModelListener](http://docs.google.com/javax/swing/event/TableColumnModelListener.html)

### columnRemoved

public void **columnRemoved**([TableColumnModelEvent](http://docs.google.com/javax/swing/event/TableColumnModelEvent.html) e)

Track changes to the table contents (column deletions)

**Specified by:**[columnRemoved](http://docs.google.com/javax/swing/event/TableColumnModelListener.html#columnRemoved(javax.swing.event.TableColumnModelEvent)) in interface [TableColumnModelListener](http://docs.google.com/javax/swing/event/TableColumnModelListener.html)

### columnMoved

public void **columnMoved**([TableColumnModelEvent](http://docs.google.com/javax/swing/event/TableColumnModelEvent.html) e)

Track changes of a column repositioning.

**Specified by:**[columnMoved](http://docs.google.com/javax/swing/event/TableColumnModelListener.html#columnMoved(javax.swing.event.TableColumnModelEvent)) in interface [TableColumnModelListener](http://docs.google.com/javax/swing/event/TableColumnModelListener.html) **See Also:**[TableColumnModelListener](http://docs.google.com/javax/swing/event/TableColumnModelListener.html)

### columnMarginChanged

public void **columnMarginChanged**([ChangeEvent](http://docs.google.com/javax/swing/event/ChangeEvent.html) e)

Track changes of a column moving due to margin changes.

**Specified by:**[columnMarginChanged](http://docs.google.com/javax/swing/event/TableColumnModelListener.html#columnMarginChanged(javax.swing.event.ChangeEvent)) in interface [TableColumnModelListener](http://docs.google.com/javax/swing/event/TableColumnModelListener.html) **See Also:**[TableColumnModelListener](http://docs.google.com/javax/swing/event/TableColumnModelListener.html)

### columnSelectionChanged

public void **columnSelectionChanged**([ListSelectionEvent](http://docs.google.com/javax/swing/event/ListSelectionEvent.html) e)

Track that the selection model of the TableColumnModel changed.

**Specified by:**[columnSelectionChanged](http://docs.google.com/javax/swing/event/TableColumnModelListener.html#columnSelectionChanged(javax.swing.event.ListSelectionEvent)) in interface [TableColumnModelListener](http://docs.google.com/javax/swing/event/TableColumnModelListener.html) **See Also:**[TableColumnModelListener](http://docs.google.com/javax/swing/event/TableColumnModelListener.html)

### editingStopped

public void **editingStopped**([ChangeEvent](http://docs.google.com/javax/swing/event/ChangeEvent.html) e)

Track changes to a cell's contents. Invoked when editing is finished. The changes are saved, the editor object is discarded, and the cell is rendered once again.

**Specified by:**[editingStopped](http://docs.google.com/javax/swing/event/CellEditorListener.html#editingStopped(javax.swing.event.ChangeEvent)) in interface [CellEditorListener](http://docs.google.com/javax/swing/event/CellEditorListener.html) **See Also:**[CellEditorListener](http://docs.google.com/javax/swing/event/CellEditorListener.html)

### editingCanceled

public void **editingCanceled**([ChangeEvent](http://docs.google.com/javax/swing/event/ChangeEvent.html) e)

Invoked when editing is canceled. The editor object is discarded and the cell is rendered once again.

**Specified by:**[editingCanceled](http://docs.google.com/javax/swing/event/CellEditorListener.html#editingCanceled(javax.swing.event.ChangeEvent)) in interface [CellEditorListener](http://docs.google.com/javax/swing/event/CellEditorListener.html) **See Also:**[CellEditorListener](http://docs.google.com/javax/swing/event/CellEditorListener.html)

### valueChanged

public void **valueChanged**([ListSelectionEvent](http://docs.google.com/javax/swing/event/ListSelectionEvent.html) e)

Track changes to table cell selections

**Specified by:**[valueChanged](http://docs.google.com/javax/swing/event/ListSelectionListener.html#valueChanged(javax.swing.event.ListSelectionEvent)) in interface [ListSelectionListener](http://docs.google.com/javax/swing/event/ListSelectionListener.html) **Parameters:**e - the event that characterizes the change.

### getAccessibleSelection

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

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

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

### getAccessibleRole

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

Gets the role of this object.

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

### 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.

**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)**Overrides:**[getAccessibleAt](http://docs.google.com/java/awt/Container.AccessibleAWTContainer.html#getAccessibleAt(java.awt.Point)) in class [Container.AccessibleAWTContainer](http://docs.google.com/java/awt/Container.AccessibleAWTContainer.html) **Parameters:**p - the point defining the top-left corner of the Accessible, given in the coordinate space of the object's parent **Returns:**the Accessible, if it exists, at the specified location; else null

### getAccessibleChildrenCount

public int **getAccessibleChildrenCount**()

Returns the number of accessible children in the object. If all of the children of this object implement Accessible, then this method should return the number of children of this object.

**Overrides:**[getAccessibleChildrenCount](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html#getAccessibleChildrenCount()) in class [JComponent.AccessibleJComponent](http://docs.google.com/javax/swing/JComponent.AccessibleJComponent.html) **Returns:**the number of accessible children in the object

### getAccessibleChild

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

Returns the nth Accessible child of the object.

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

### getAccessibleSelectionCount

public int **getAccessibleSelectionCount**()

Returns the number of Accessible children currently selected. If no children 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 child in the object. If there isn't a selection, or there are fewer children selected than the integer passed in, the return value will be null.

Note that the index represents the i-th selected child, which is different from the i-th child.

**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 children **Returns:**the i-th selected child**See Also:**[getAccessibleSelectionCount()](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html#getAccessibleSelectionCount())

### isAccessibleChildSelected

public boolean **isAccessibleChildSelected**(int i)

Determines 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**See Also:**[AccessibleContext.getAccessibleChild(int)](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleChild(int))

### addAccessibleSelection

public void **addAccessibleSelection**(int i)

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

This method only works on JTables which have individual cell selection enabled.

**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 the child**See Also:**[AccessibleContext.getAccessibleChild(int)](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleChild(int))

### removeAccessibleSelection

public void **removeAccessibleSelection**(int i)

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

This method only works on JTables which have individual cell selection enabled.

**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 the child**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 no children in the object are 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 child of the object to be selected, but only if the JTable supports multiple selections, and if individual cell selection is enabled.

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

### getAccessibleRow

public int **getAccessibleRow**(int index)

Returns the row number of an index in the table.

**Specified by:**[getAccessibleRow](http://docs.google.com/javax/accessibility/AccessibleExtendedTable.html#getAccessibleRow(int)) in interface [AccessibleExtendedTable](http://docs.google.com/javax/accessibility/AccessibleExtendedTable.html) **Parameters:**index - the zero-based index in the table **Returns:**the zero-based row of the table if one exists; otherwise -1.**Since:** 1.4

### getAccessibleColumn

public int **getAccessibleColumn**(int index)

Returns the column number of an index in the table.

**Specified by:**[getAccessibleColumn](http://docs.google.com/javax/accessibility/AccessibleExtendedTable.html#getAccessibleColumn(int)) in interface [AccessibleExtendedTable](http://docs.google.com/javax/accessibility/AccessibleExtendedTable.html) **Parameters:**index - the zero-based index in the table **Returns:**the zero-based column of the table if one exists; otherwise -1.**Since:** 1.4

### getAccessibleIndex

public int **getAccessibleIndex**(int r,  
 int c)

Returns the index at a row and column in the table.

**Specified by:**[getAccessibleIndex](http://docs.google.com/javax/accessibility/AccessibleExtendedTable.html#getAccessibleIndex(int,%20int)) in interface [AccessibleExtendedTable](http://docs.google.com/javax/accessibility/AccessibleExtendedTable.html) **Parameters:**r - zero-based row of the tablec - zero-based column of the table **Returns:**the zero-based index in the table if one exists; otherwise -1.**Since:** 1.4

### getAccessibleTable

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

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

**Overrides:**[getAccessibleTable](http://docs.google.com/javax/accessibility/AccessibleContext.html#getAccessibleTable()) in class [AccessibleContext](http://docs.google.com/javax/accessibility/AccessibleContext.html) **Returns:**this object**Since:** 1.3 **See Also:**[AccessibleTable](http://docs.google.com/javax/accessibility/AccessibleTable.html)

### getAccessibleCaption

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

Returns the caption for the table.

**Specified by:**[getAccessibleCaption](http://docs.google.com/javax/accessibility/AccessibleTable.html#getAccessibleCaption()) in interface [AccessibleTable](http://docs.google.com/javax/accessibility/AccessibleTable.html) **Returns:**the caption for the table**Since:** 1.3

### setAccessibleCaption

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

Sets the caption for the table.

**Specified by:**[setAccessibleCaption](http://docs.google.com/javax/accessibility/AccessibleTable.html#setAccessibleCaption(javax.accessibility.Accessible)) in interface [AccessibleTable](http://docs.google.com/javax/accessibility/AccessibleTable.html) **Parameters:**a - the caption for the table**Since:** 1.3

### getAccessibleSummary

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

Returns the summary description of the table.

**Specified by:**[getAccessibleSummary](http://docs.google.com/javax/accessibility/AccessibleTable.html#getAccessibleSummary()) in interface [AccessibleTable](http://docs.google.com/javax/accessibility/AccessibleTable.html) **Returns:**the summary description of the table**Since:** 1.3

### setAccessibleSummary

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

Sets the summary description of the table.

**Specified by:**[setAccessibleSummary](http://docs.google.com/javax/accessibility/AccessibleTable.html#setAccessibleSummary(javax.accessibility.Accessible)) in interface [AccessibleTable](http://docs.google.com/javax/accessibility/AccessibleTable.html) **Parameters:**a - the summary description of the table**Since:** 1.3

### getAccessibleRowCount

public int **getAccessibleRowCount**()

**Description copied from interface:** [**AccessibleTable**](http://docs.google.com/javax/accessibility/AccessibleTable.html#getAccessibleRowCount()) Returns the number of rows in the table.

**Specified by:**[getAccessibleRowCount](http://docs.google.com/javax/accessibility/AccessibleTable.html#getAccessibleRowCount()) in interface [AccessibleTable](http://docs.google.com/javax/accessibility/AccessibleTable.html) **Returns:**the number of rows in the table

### getAccessibleColumnCount

public int **getAccessibleColumnCount**()

**Description copied from interface:** [**AccessibleTable**](http://docs.google.com/javax/accessibility/AccessibleTable.html#getAccessibleColumnCount()) Returns the number of columns in the table.

**Specified by:**[getAccessibleColumnCount](http://docs.google.com/javax/accessibility/AccessibleTable.html#getAccessibleColumnCount()) in interface [AccessibleTable](http://docs.google.com/javax/accessibility/AccessibleTable.html) **Returns:**the number of columns in the table

### getAccessibleAt

public [Accessible](http://docs.google.com/javax/accessibility/Accessible.html) **getAccessibleAt**(int r,  
 int c)

**Description copied from interface:** [**AccessibleTable**](http://docs.google.com/javax/accessibility/AccessibleTable.html#getAccessibleAt(int,%20int)) Returns the Accessible at a specified row and column in the table.

**Specified by:**[getAccessibleAt](http://docs.google.com/javax/accessibility/AccessibleTable.html#getAccessibleAt(int,%20int)) in interface [AccessibleTable](http://docs.google.com/javax/accessibility/AccessibleTable.html) **Parameters:**r - zero-based row of the tablec - zero-based column of the table **Returns:**the Accessible at the specified row and column

### getAccessibleRowExtentAt

public int **getAccessibleRowExtentAt**(int r,  
 int c)

Returns the number of rows occupied by the Accessible at a specified row and column in the table.

**Specified by:**[getAccessibleRowExtentAt](http://docs.google.com/javax/accessibility/AccessibleTable.html#getAccessibleRowExtentAt(int,%20int)) in interface [AccessibleTable](http://docs.google.com/javax/accessibility/AccessibleTable.html) **Returns:**the number of rows occupied by the Accessible at a specified row and column in the table**Since:** 1.3

### getAccessibleColumnExtentAt

public int **getAccessibleColumnExtentAt**(int r,  
 int c)

Returns the number of columns occupied by the Accessible at a given (row, column).

**Specified by:**[getAccessibleColumnExtentAt](http://docs.google.com/javax/accessibility/AccessibleTable.html#getAccessibleColumnExtentAt(int,%20int)) in interface [AccessibleTable](http://docs.google.com/javax/accessibility/AccessibleTable.html) **Returns:**the number of columns occupied by the Accessible at a specified row and column in the table**Since:** 1.3

### getAccessibleRowHeader

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

Returns the row headers as an AccessibleTable.

**Specified by:**[getAccessibleRowHeader](http://docs.google.com/javax/accessibility/AccessibleTable.html#getAccessibleRowHeader()) in interface [AccessibleTable](http://docs.google.com/javax/accessibility/AccessibleTable.html) **Returns:**an AccessibleTable representing the row headers**Since:** 1.3

### setAccessibleRowHeader

public void **setAccessibleRowHeader**([AccessibleTable](http://docs.google.com/javax/accessibility/AccessibleTable.html) a)

Sets the row headers as an AccessibleTable.

**Specified by:**[setAccessibleRowHeader](http://docs.google.com/javax/accessibility/AccessibleTable.html#setAccessibleRowHeader(javax.accessibility.AccessibleTable)) in interface [AccessibleTable](http://docs.google.com/javax/accessibility/AccessibleTable.html) **Parameters:**a - an AccessibleTable representing the row headers**Since:** 1.3

### getAccessibleColumnHeader

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

Returns the column headers as an AccessibleTable.

**Specified by:**[getAccessibleColumnHeader](http://docs.google.com/javax/accessibility/AccessibleTable.html#getAccessibleColumnHeader()) in interface [AccessibleTable](http://docs.google.com/javax/accessibility/AccessibleTable.html) **Returns:**an AccessibleTable representing the column headers, or null if the table header is null**Since:** 1.3

### setAccessibleColumnHeader

public void **setAccessibleColumnHeader**([AccessibleTable](http://docs.google.com/javax/accessibility/AccessibleTable.html) a)

Sets the column headers as an AccessibleTable.

**Specified by:**[setAccessibleColumnHeader](http://docs.google.com/javax/accessibility/AccessibleTable.html#setAccessibleColumnHeader(javax.accessibility.AccessibleTable)) in interface [AccessibleTable](http://docs.google.com/javax/accessibility/AccessibleTable.html) **Parameters:**a - an AccessibleTable representing the column headers**Since:** 1.3

### getAccessibleRowDescription

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

Returns the description of the specified row in the table.

**Specified by:**[getAccessibleRowDescription](http://docs.google.com/javax/accessibility/AccessibleTable.html#getAccessibleRowDescription(int)) in interface [AccessibleTable](http://docs.google.com/javax/accessibility/AccessibleTable.html) **Parameters:**r - zero-based row of the table **Returns:**the description of the row**Since:** 1.3

### setAccessibleRowDescription

public void **setAccessibleRowDescription**(int r,  
 [Accessible](http://docs.google.com/javax/accessibility/Accessible.html) a)

Sets the description text of the specified row of the table.

**Specified by:**[setAccessibleRowDescription](http://docs.google.com/javax/accessibility/AccessibleTable.html#setAccessibleRowDescription(int,%20javax.accessibility.Accessible)) in interface [AccessibleTable](http://docs.google.com/javax/accessibility/AccessibleTable.html) **Parameters:**r - zero-based row of the tablea - the description of the row**Since:** 1.3

### getAccessibleColumnDescription

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

Returns the description of the specified column in the table.

**Specified by:**[getAccessibleColumnDescription](http://docs.google.com/javax/accessibility/AccessibleTable.html#getAccessibleColumnDescription(int)) in interface [AccessibleTable](http://docs.google.com/javax/accessibility/AccessibleTable.html) **Parameters:**c - zero-based column of the table **Returns:**the description of the column**Since:** 1.3

### setAccessibleColumnDescription

public void **setAccessibleColumnDescription**(int c,  
 [Accessible](http://docs.google.com/javax/accessibility/Accessible.html) a)

Sets the description text of the specified column of the table.

**Specified by:**[setAccessibleColumnDescription](http://docs.google.com/javax/accessibility/AccessibleTable.html#setAccessibleColumnDescription(int,%20javax.accessibility.Accessible)) in interface [AccessibleTable](http://docs.google.com/javax/accessibility/AccessibleTable.html) **Parameters:**c - zero-based column of the tablea - the description of the column**Since:** 1.3

### isAccessibleSelected

public boolean **isAccessibleSelected**(int r,  
 int c)

Returns a boolean value indicating whether the accessible at a given (row, column) is selected.

**Specified by:**[isAccessibleSelected](http://docs.google.com/javax/accessibility/AccessibleTable.html#isAccessibleSelected(int,%20int)) in interface [AccessibleTable](http://docs.google.com/javax/accessibility/AccessibleTable.html) **Parameters:**r - zero-based row of the tablec - zero-based column of the table **Returns:**the boolean value true if the accessible at (row, column) is selected; otherwise, the boolean value false**Since:** 1.3

### isAccessibleRowSelected

public boolean **isAccessibleRowSelected**(int r)

Returns a boolean value indicating whether the specified row is selected.

**Specified by:**[isAccessibleRowSelected](http://docs.google.com/javax/accessibility/AccessibleTable.html#isAccessibleRowSelected(int)) in interface [AccessibleTable](http://docs.google.com/javax/accessibility/AccessibleTable.html) **Parameters:**r - zero-based row of the table **Returns:**the boolean value true if the specified row is selected; otherwise, false**Since:** 1.3

### isAccessibleColumnSelected

public boolean **isAccessibleColumnSelected**(int c)

Returns a boolean value indicating whether the specified column is selected.

**Specified by:**[isAccessibleColumnSelected](http://docs.google.com/javax/accessibility/AccessibleTable.html#isAccessibleColumnSelected(int)) in interface [AccessibleTable](http://docs.google.com/javax/accessibility/AccessibleTable.html) **Parameters:**c - zero-based column of the table **Returns:**the boolean value true if the specified column is selected; otherwise, false**Since:** 1.3

### getSelectedAccessibleRows

public int[] **getSelectedAccessibleRows**()

Returns the selected rows in a table.

**Specified by:**[getSelectedAccessibleRows](http://docs.google.com/javax/accessibility/AccessibleTable.html#getSelectedAccessibleRows()) in interface [AccessibleTable](http://docs.google.com/javax/accessibility/AccessibleTable.html) **Returns:**an array of selected rows where each element is a zero-based row of the table**Since:** 1.3

### getSelectedAccessibleColumns

public int[] **getSelectedAccessibleColumns**()

Returns the selected columns in a table.

**Specified by:**[getSelectedAccessibleColumns](http://docs.google.com/javax/accessibility/AccessibleTable.html#getSelectedAccessibleColumns()) in interface [AccessibleTable](http://docs.google.com/javax/accessibility/AccessibleTable.html) **Returns:**an array of selected columns where each element is a zero-based column of the table**Since:** 1.3

### getAccessibleRowAtIndex

public int **getAccessibleRowAtIndex**(int i)

Returns the row at a given index into the table.

**Parameters:**i - zero-based index into the table **Returns:**the row at a given index**Since:** 1.3

### getAccessibleColumnAtIndex

public int **getAccessibleColumnAtIndex**(int i)

Returns the column at a given index into the table.

**Parameters:**i - zero-based index into the table **Returns:**the column at a given index**Since:** 1.3

### getAccessibleIndexAt

public int **getAccessibleIndexAt**(int r,  
 int c)

Returns the index at a given (row, column) in the table.

**Parameters:**r - zero-based row of the tablec - zero-based column of the table **Returns:**the index into the table**Since:** 1.3

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/JTable.AccessibleJTable.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/JTable.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/JTable.AccessibleJTable.AccessibleJTableCell.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/JTable.AccessibleJTable.html)    [**NO FRAMES**](http://docs.google.com/JTable.AccessibleJTable.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: [NESTED](#3znysh7) | [FIELD](#1t3h5sf) | [CONSTR](#17dp8vu) | [METHOD](#3rdcrjn) | DETAIL: FIELD | [CONSTR](#2jxsxqh) | [METHOD](#3j2qqm3) |

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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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