| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/AccessibleTable.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/accessibility/AccessibleStreamable.html)   [**NEXT CLASS**](http://docs.google.com/javax/accessibility/AccessibleTableModelChange.html) | [**FRAMES**](http://docs.google.com/index.html?javax/accessibility/AccessibleTable.html)    [**NO FRAMES**](http://docs.google.com/AccessibleTable.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#3znysh7) | DETAIL: FIELD | CONSTR | [METHOD](#2et92p0) |

## **javax.accessibility**

Interface AccessibleTable

**All Known Subinterfaces:** [AccessibleExtendedTable](http://docs.google.com/javax/accessibility/AccessibleExtendedTable.html) **All Known Implementing Classes:** [JTable.AccessibleJTable](http://docs.google.com/javax/swing/JTable.AccessibleJTable.html)

public interface **AccessibleTable**

Class AccessibleTable describes a user-interface component that presents data in a two-dimensional table format.

**Since:** 1.3

| **Method Summary** | |
| --- | --- |
| [Accessible](http://docs.google.com/javax/accessibility/Accessible.html) | [**getAccessibleAt**](http://docs.google.com/javax/accessibility/AccessibleTable.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) | [**getAccessibleCaption**](http://docs.google.com/javax/accessibility/AccessibleTable.html#getAccessibleCaption())()            Returns the caption for the table. |
| int | [**getAccessibleColumnCount**](http://docs.google.com/javax/accessibility/AccessibleTable.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/accessibility/AccessibleTable.html#getAccessibleColumnDescription(int))(int c)            Returns the description text of the specified column in the table. |
| int | [**getAccessibleColumnExtentAt**](http://docs.google.com/javax/accessibility/AccessibleTable.html#getAccessibleColumnExtentAt(int,%20int))(int r, int c)            Returns the number of columns occupied by the Accessible at a specified row and column in the table. |
| [AccessibleTable](http://docs.google.com/javax/accessibility/AccessibleTable.html) | [**getAccessibleColumnHeader**](http://docs.google.com/javax/accessibility/AccessibleTable.html#getAccessibleColumnHeader())()            Returns the column headers as an AccessibleTable. |
| int | [**getAccessibleRowCount**](http://docs.google.com/javax/accessibility/AccessibleTable.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/accessibility/AccessibleTable.html#getAccessibleRowDescription(int))(int r)            Returns the description of the specified row in the table. |
| int | [**getAccessibleRowExtentAt**](http://docs.google.com/javax/accessibility/AccessibleTable.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/accessibility/AccessibleTable.html#getAccessibleRowHeader())()            Returns the row headers as an AccessibleTable. |
| [Accessible](http://docs.google.com/javax/accessibility/Accessible.html) | [**getAccessibleSummary**](http://docs.google.com/javax/accessibility/AccessibleTable.html#getAccessibleSummary())()            Returns the summary description of the table. |
| int[] | [**getSelectedAccessibleColumns**](http://docs.google.com/javax/accessibility/AccessibleTable.html#getSelectedAccessibleColumns())()            Returns the selected columns in a table. |
| int[] | [**getSelectedAccessibleRows**](http://docs.google.com/javax/accessibility/AccessibleTable.html#getSelectedAccessibleRows())()            Returns the selected rows in a table. |
| boolean | [**isAccessibleColumnSelected**](http://docs.google.com/javax/accessibility/AccessibleTable.html#isAccessibleColumnSelected(int))(int c)            Returns a boolean value indicating whether the specified column is selected. |
| boolean | [**isAccessibleRowSelected**](http://docs.google.com/javax/accessibility/AccessibleTable.html#isAccessibleRowSelected(int))(int r)            Returns a boolean value indicating whether the specified row is selected. |
| boolean | [**isAccessibleSelected**](http://docs.google.com/javax/accessibility/AccessibleTable.html#isAccessibleSelected(int,%20int))(int r, int c)            Returns a boolean value indicating whether the accessible at a specified row and column is selected. |
| void | [**setAccessibleCaption**](http://docs.google.com/javax/accessibility/AccessibleTable.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/accessibility/AccessibleTable.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 in the table. |
| void | [**setAccessibleColumnHeader**](http://docs.google.com/javax/accessibility/AccessibleTable.html#setAccessibleColumnHeader(javax.accessibility.AccessibleTable))([AccessibleTable](http://docs.google.com/javax/accessibility/AccessibleTable.html) table)            Sets the column headers. |
| void | [**setAccessibleRowDescription**](http://docs.google.com/javax/accessibility/AccessibleTable.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/accessibility/AccessibleTable.html#setAccessibleRowHeader(javax.accessibility.AccessibleTable))([AccessibleTable](http://docs.google.com/javax/accessibility/AccessibleTable.html) table)            Sets the row headers. |
| void | [**setAccessibleSummary**](http://docs.google.com/javax/accessibility/AccessibleTable.html#setAccessibleSummary(javax.accessibility.Accessible))([Accessible](http://docs.google.com/javax/accessibility/Accessible.html) a)            Sets the summary description of the table |

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

### getAccessibleCaption

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

Returns the caption for the table.

**Returns:**the caption for the table

### setAccessibleCaption

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

Sets the caption for the table.

**Parameters:**a - the caption for the table

### getAccessibleSummary

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

Returns the summary description of the table.

**Returns:**the summary description of the table

### setAccessibleSummary

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

Sets the summary description of the table

**Parameters:**a - the summary description of the table

### getAccessibleRowCount

int **getAccessibleRowCount**()

Returns the number of rows in the table.

**Returns:**the number of rows in the table

### getAccessibleColumnCount

int **getAccessibleColumnCount**()

Returns the number of columns in the table.

**Returns:**the number of columns in the table

### getAccessibleAt

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

Returns the Accessible at a specified row and column in the table.

**Parameters:**r - zero-based row of the tablec - zero-based column of the table **Returns:**the Accessible at the specified row and column

### getAccessibleRowExtentAt

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

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

**Returns:**the number of rows occupied by the Accessible at a given specified (row, column)

### getAccessibleColumnExtentAt

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

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

**Returns:**the number of columns occupied by the Accessible at a given specified row and column

### getAccessibleRowHeader

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

Returns the row headers as an AccessibleTable.

**Returns:**an AccessibleTable representing the row headers

### setAccessibleRowHeader

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

Sets the row headers.

**Parameters:**table - an AccessibleTable representing the row headers

### getAccessibleColumnHeader

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

Returns the column headers as an AccessibleTable.

**Returns:**an AccessibleTable representing the column headers

### setAccessibleColumnHeader

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

Sets the column headers.

**Parameters:**table - an AccessibleTable representing the column headers

### getAccessibleRowDescription

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

Returns the description of the specified row in the table.

**Parameters:**r - zero-based row of the table **Returns:**the description of the row

### setAccessibleRowDescription

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.

**Parameters:**r - zero-based row of the tablea - the description of the row

### getAccessibleColumnDescription

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

Returns the description text of the specified column in the table.

**Parameters:**c - zero-based column of the table **Returns:**the text description of the column

### setAccessibleColumnDescription

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

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

**Parameters:**c - zero-based column of the tablea - the text description of the column

### isAccessibleSelected

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

Returns a boolean value indicating whether the accessible at a specified row and column is selected.

**Parameters:**r - zero-based row of the tablec - zero-based column of the table **Returns:**the boolean value true if the accessible at the row and column is selected. Otherwise, the boolean value false

### isAccessibleRowSelected

boolean **isAccessibleRowSelected**(int r)

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

**Parameters:**r - zero-based row of the table **Returns:**the boolean value true if the specified row is selected. Otherwise, false.

### isAccessibleColumnSelected

boolean **isAccessibleColumnSelected**(int c)

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

**Parameters:**c - zero-based column of the table **Returns:**the boolean value true if the specified column is selected. Otherwise, false.

### getSelectedAccessibleRows

int[] **getSelectedAccessibleRows**()

Returns the selected rows in a table.

**Returns:**an array of selected rows where each element is a zero-based row of the table

### getSelectedAccessibleColumns

int[] **getSelectedAccessibleColumns**()

Returns the selected columns in a table.

**Returns:**an array of selected columns where each element is a zero-based column of the table

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/AccessibleTable.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/accessibility/AccessibleStreamable.html)   [**NEXT CLASS**](http://docs.google.com/javax/accessibility/AccessibleTableModelChange.html) | [**FRAMES**](http://docs.google.com/index.html?javax/accessibility/AccessibleTable.html)    [**NO FRAMES**](http://docs.google.com/AccessibleTable.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#3znysh7) | DETAIL: FIELD | CONSTR | [METHOD](#2et92p0) |

[Submit a bug or feature](http://bugs.sun.com/services/bugreport/index.jsp)

For further API reference and developer documentation, see [Java SE Developer Documentation](http://docs.google.com/webnotes/devdocs-vs-specs.html). That documentation contains more detailed, developer-targeted descriptions, with conceptual overviews, definitions of terms, workarounds, and working code examples.

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