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

## Package javax.swing.table

Provides classes and interfaces for dealing with javax.swing.JTable.

**See:**

[**Description**](#3znysh7)

| **Interface Summary** | |
| --- | --- |
| [**TableCellEditor**](http://docs.google.com/javax/swing/table/TableCellEditor.html) | This interface defines the method any object that would like to be an editor of values for components such as JListBox, JComboBox, JTree, or JTable needs to implement. |
| [**TableCellRenderer**](http://docs.google.com/javax/swing/table/TableCellRenderer.html) | This interface defines the method required by any object that would like to be a renderer for cells in a JTable. |
| [**TableColumnModel**](http://docs.google.com/javax/swing/table/TableColumnModel.html) | Defines the requirements for a table column model object suitable for use with JTable. |
| [**TableModel**](http://docs.google.com/javax/swing/table/TableModel.html) | The TableModel interface specifies the methods the JTable will use to interrogate a tabular data model. |

| **Class Summary** | |
| --- | --- |
| [**AbstractTableModel**](http://docs.google.com/javax/swing/table/AbstractTableModel.html) | This abstract class provides default implementations for most of the methods in the TableModel interface. |
| [**DefaultTableCellRenderer**](http://docs.google.com/javax/swing/table/DefaultTableCellRenderer.html) | The standard class for rendering (displaying) individual cells in a JTable. |
| [**DefaultTableCellRenderer.UIResource**](http://docs.google.com/javax/swing/table/DefaultTableCellRenderer.UIResource.html) | A subclass of DefaultTableCellRenderer that implements UIResource. |
| [**DefaultTableColumnModel**](http://docs.google.com/javax/swing/table/DefaultTableColumnModel.html) | The standard column-handler for a JTable. |
| [**DefaultTableModel**](http://docs.google.com/javax/swing/table/DefaultTableModel.html) | This is an implementation of TableModel that uses a Vector of Vectors to store the cell value objects. |
| [**JTableHeader**](http://docs.google.com/javax/swing/table/JTableHeader.html) | This is the object which manages the header of the JTable. |
| [**TableColumn**](http://docs.google.com/javax/swing/table/TableColumn.html) | A TableColumn represents all the attributes of a column in a JTable, such as width, resizibility, minimum and maximum width. |
| [**TableRowSorter<M extends TableModel>**](http://docs.google.com/javax/swing/table/TableRowSorter.html) | An implementation of RowSorter that provides sorting and filtering using a TableModel. |
| [**TableStringConverter**](http://docs.google.com/javax/swing/table/TableStringConverter.html) | TableStringConverter is used to convert objects from the model into strings. |

## Package javax.swing.table Description

Provides classes and interfaces for dealing with javax.swing.JTable. JTable is Swing's grid or tabular view for constructing user interfaces for tabular data structures inside an application. Use this package if you want control over how tables are constructed, updated, and rendered, as well as how data associated with the tables are viewed and managed.

**Note:** Most of the Swing API is *not* thread safe. For details, see [Threads and Swing](http://java.sun.com/docs/books/tutorial/uiswing/overview/threads.html), a section in [*The Java Tutorial*](http://java.sun.com/docs/books/tutorial/).

## Related Documentation

For overviews, tutorials, examples, guides, and tool documentation, please see:

* [How to Use Tables](http://java.sun.com/docs/books/tutorial/uiswing/components/table.html), a section in *The Java Tutorial*

**Since:** 1.2

| | [**Overview**](http://docs.google.com/overview-summary.html) | **Package** | Class | [**Use**](http://docs.google.com/package-use.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*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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[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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