| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/javax/swing/table/TableCellRenderer.html) | **Use** | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PREV   NEXT | [**FRAMES**](http://docs.google.com/index.html?javax/swing/table//class-useTableCellRenderer.html)    [**NO FRAMES**](http://docs.google.com/TableCellRenderer.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Interface**

**javax.swing.table.TableCellRenderer**

| Packages that use [TableCellRenderer](http://docs.google.com/javax/swing/table/TableCellRenderer.html) | |
| --- | --- |
| [**javax.swing**](#3znysh7) | Provides a set of "lightweight" (all-Java language) components that, to the maximum degree possible, work the same on all platforms. |
| [**javax.swing.table**](#2et92p0) | Provides classes and interfaces for dealing with javax.swing.JTable. |

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

| Methods in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) that return [TableCellRenderer](http://docs.google.com/javax/swing/table/TableCellRenderer.html) | |
| --- | --- |
| [TableCellRenderer](http://docs.google.com/javax/swing/table/TableCellRenderer.html) | **JTable.**[**getCellRenderer**](http://docs.google.com/javax/swing/JTable.html#getCellRenderer(int,%20int))(int row, int column)            Returns an appropriate renderer for the cell specified by this row and column. |
| [TableCellRenderer](http://docs.google.com/javax/swing/table/TableCellRenderer.html) | **JTable.**[**getDefaultRenderer**](http://docs.google.com/javax/swing/JTable.html#getDefaultRenderer(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<?> columnClass)            Returns the cell renderer to be used when no renderer has been set in a TableColumn. |

| Methods in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) with parameters of type [TableCellRenderer](http://docs.google.com/javax/swing/table/TableCellRenderer.html) | |
| --- | --- |
| [Component](http://docs.google.com/java/awt/Component.html) | **JTable.**[**prepareRenderer**](http://docs.google.com/javax/swing/JTable.html#prepareRenderer(javax.swing.table.TableCellRenderer,%20int,%20int))([TableCellRenderer](http://docs.google.com/javax/swing/table/TableCellRenderer.html) renderer, int row, int column)            Prepares the renderer by querying the data model for the value and selection state of the cell at row, column. |
| void | **JTable.**[**setDefaultRenderer**](http://docs.google.com/javax/swing/JTable.html#setDefaultRenderer(java.lang.Class,%20javax.swing.table.TableCellRenderer))([Class](http://docs.google.com/java/lang/Class.html)<?> columnClass, [TableCellRenderer](http://docs.google.com/javax/swing/table/TableCellRenderer.html) renderer)            Sets a default cell renderer to be used if no renderer has been set in a TableColumn. |

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

| Classes in [javax.swing.table](http://docs.google.com/javax/swing/table/package-summary.html) that implement [TableCellRenderer](http://docs.google.com/javax/swing/table/TableCellRenderer.html) | |
| --- | --- |
| class | [**DefaultTableCellRenderer**](http://docs.google.com/javax/swing/table/DefaultTableCellRenderer.html)            The standard class for rendering (displaying) individual cells in a JTable. |
| static class | [**DefaultTableCellRenderer.UIResource**](http://docs.google.com/javax/swing/table/DefaultTableCellRenderer.UIResource.html)            A subclass of DefaultTableCellRenderer that implements UIResource. |

| Fields in [javax.swing.table](http://docs.google.com/javax/swing/table/package-summary.html) declared as [TableCellRenderer](http://docs.google.com/javax/swing/table/TableCellRenderer.html) | |
| --- | --- |
| protected  [TableCellRenderer](http://docs.google.com/javax/swing/table/TableCellRenderer.html) | **TableColumn.**[**cellRenderer**](http://docs.google.com/javax/swing/table/TableColumn.html#cellRenderer)            The renderer used to draw the data cells of the column. |
| protected  [TableCellRenderer](http://docs.google.com/javax/swing/table/TableCellRenderer.html) | **TableColumn.**[**headerRenderer**](http://docs.google.com/javax/swing/table/TableColumn.html#headerRenderer)            The renderer used to draw the header of the column. |

| Methods in [javax.swing.table](http://docs.google.com/javax/swing/table/package-summary.html) that return [TableCellRenderer](http://docs.google.com/javax/swing/table/TableCellRenderer.html) | |
| --- | --- |
| protected  [TableCellRenderer](http://docs.google.com/javax/swing/table/TableCellRenderer.html) | **TableColumn.**[**createDefaultHeaderRenderer**](http://docs.google.com/javax/swing/table/TableColumn.html#createDefaultHeaderRenderer())()            As of Java 2 platform v1.3, this method is not called by the TableColumn constructor. |
| protected  [TableCellRenderer](http://docs.google.com/javax/swing/table/TableCellRenderer.html) | **JTableHeader.**[**createDefaultRenderer**](http://docs.google.com/javax/swing/table/JTableHeader.html#createDefaultRenderer())()            Returns a default renderer to be used when no header renderer is defined by a TableColumn. |
| [TableCellRenderer](http://docs.google.com/javax/swing/table/TableCellRenderer.html) | **TableColumn.**[**getCellRenderer**](http://docs.google.com/javax/swing/table/TableColumn.html#getCellRenderer())()            Returns the TableCellRenderer used by the JTable to draw values for this column. |
| [TableCellRenderer](http://docs.google.com/javax/swing/table/TableCellRenderer.html) | **JTableHeader.**[**getDefaultRenderer**](http://docs.google.com/javax/swing/table/JTableHeader.html#getDefaultRenderer())()            Returns the default renderer used when no headerRenderer is defined by a TableColumn. |
| [TableCellRenderer](http://docs.google.com/javax/swing/table/TableCellRenderer.html) | **TableColumn.**[**getHeaderRenderer**](http://docs.google.com/javax/swing/table/TableColumn.html#getHeaderRenderer())()            Returns the TableCellRenderer used to draw the header of the TableColumn. |

| Methods in [javax.swing.table](http://docs.google.com/javax/swing/table/package-summary.html) with parameters of type [TableCellRenderer](http://docs.google.com/javax/swing/table/TableCellRenderer.html) | |
| --- | --- |
| void | **TableColumn.**[**setCellRenderer**](http://docs.google.com/javax/swing/table/TableColumn.html#setCellRenderer(javax.swing.table.TableCellRenderer))([TableCellRenderer](http://docs.google.com/javax/swing/table/TableCellRenderer.html) cellRenderer)            Sets the TableCellRenderer used by JTable to draw individual values for this column. |
| void | **JTableHeader.**[**setDefaultRenderer**](http://docs.google.com/javax/swing/table/JTableHeader.html#setDefaultRenderer(javax.swing.table.TableCellRenderer))([TableCellRenderer](http://docs.google.com/javax/swing/table/TableCellRenderer.html) defaultRenderer)            Sets the default renderer to be used when no headerRenderer is defined by a TableColumn. |
| void | **TableColumn.**[**setHeaderRenderer**](http://docs.google.com/javax/swing/table/TableColumn.html#setHeaderRenderer(javax.swing.table.TableCellRenderer))([TableCellRenderer](http://docs.google.com/javax/swing/table/TableCellRenderer.html) headerRenderer)            Sets the TableCellRenderer used to draw the TableColumn's header to headerRenderer. |

| Constructors in [javax.swing.table](http://docs.google.com/javax/swing/table/package-summary.html) with parameters of type [TableCellRenderer](http://docs.google.com/javax/swing/table/TableCellRenderer.html) | |
| --- | --- |
| [**TableColumn**](http://docs.google.com/javax/swing/table/TableColumn.html#TableColumn(int,%20int,%20javax.swing.table.TableCellRenderer,%20javax.swing.table.TableCellEditor))(int modelIndex, int width, [TableCellRenderer](http://docs.google.com/javax/swing/table/TableCellRenderer.html) cellRenderer, [TableCellEditor](http://docs.google.com/javax/swing/table/TableCellEditor.html) cellEditor)            Creates and initializes an instance of TableColumn with the specified model index, width, cell renderer, and cell editor; all TableColumn constructors delegate to this one. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/javax/swing/table/TableCellRenderer.html) | **Use** | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
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[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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