

# javax.swing.table.\* TableModel

Methods declared in supertypes are hidden in subtypes

**TableModel**

Accessors

```
Class getColumnClass (int columnIndex)
int getColumnCount ()
String getColumnName (int columnIndex)
int getRowCount ()
Object get / setValueAt (int rowIndex, int columnIndex)
boolean isCellEditable (int rowIndex, int columnIndex)
Event Methods
void add / removeTableModelListener (TableModelListener l)
```

**PropertyChangeListener**

java.beans. **PropertyChange** (PropertyChangeEvent evt)

**ListSelectionListener**

javax.swing.event. **ListSelection** (ListSelectionEvent e)

**TableColumnModel**

Accessors + Collectors


```
TableColumn getColumn (int columnIndex)
int getColumnCount ()
int getColumnIndex (Object columnIdentifier)
int getColumnIndexAX (int xPosition)
int get / setColumnMargin ()
boolean get / setColumnSelectionAllowed ()
Enumeration getColumns ()
int getSelectedColumnCount ()
int[] getSelectedColumns ()
int[] get / setSelectionModel ()
ListSelectionModel get / setSelectionModel ()
int getTotalColumnWidth ()
void add / removeColumn (TableColumn aColumn)
Event Methods
void add / removeColumnModelListener (TableColumnModelListener x)
Other Public Methods
void moveColumn (int columnIndex, int newIndex)
```

**AbstractTableModel**

Serializable

Event Methods


```
void fireTableCellUpdated (int row, int column)
void fireTableDataChanged ()
void fireTableRowsDeleted (int firstRow, int lastRow)
void fireTableRowsInserted (int firstRow, int lastRow)
void fireTableRowsUpdated (int firstRow, int lastRow)
void fireTableStructureChanged ()
EventListeners[] getListeners (Class listenerType)
TableModelListener[] getTableModelListeners ()
Other Public Methods
int findColumn (String columnName)
```

**DefaultTableColumnModel**

Serializable

Event Methods

```
void fireColumnAdded (TableColumnModelEvent e)
void fireColumnMarginChanged ()
void fireColumnMoved (TableColumnModelEvent e)
void fireColumnRemoved (TableColumnModelEvent e)
void fireColumnSelectionChanged (ListSelectionEvent e)
TableColumnModelListener[] getListeners (Class listenerType)
EventListeners[] getListeners (Class listenerType)
Other Protected Methods
ListSelectionModel createSelectionModel ()
void recalcWidthCache ()
```

**DefaultTableModel**

DefaultTableModel ()

```
DefaultTableModel (int rowCount, int columnCount)
DefaultTableModel (Vector columnNames, int rowCount)
DefaultTableModel (Object[] columnNames, int rowCount)
DefaultTableModel (Vector data, Vector columnNames)
DefaultTableModel (Object[][] data, Object[] columnNames)
```

Static Methods

```
# Vector convertToVector (Object[] anArray)
# Vector convertToVector (Object[][] anArray)
```

Accessors

```
Vector getDataVector ()
void setColumnIdentifiers (Vector columnIdentifiers)
void setColumnIdentifiers (Object[] newIdentifiers)
void setDataVector (Vector dataVector, Vector columnIdentifiers)
void setDataVector (Object[][] dataVector, Object[] columnIdentifiers)
void setNumRows (int rowCount)
```

Collectors

```
void addColumn (Object columnName)
void addColumn (Object columnName, Vector columnData)
void addColumn (Object columnName, Object[] columnData)
void addRow (Vector rowData)
void addRow (Object[] rowData)
void insertRow (int row, Vector rowData)
void insertRow (int row, Object[] rowData)
void removeRow (int row)
```

Event Methods

```
void newDataAvailable (TableModelEvent event)
void newRowsAdded (TableModelEvent e)
void rowsRemoved (TableModelEvent event)
void moveRow (int start, int end, int to)
```

Other Public Methods