| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/RowFilter.Entry.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/RowFilter.ComparisonType.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/RowSorter.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/RowFilter.Entry.html)    [**NO FRAMES**](http://docs.google.com/RowFilter.Entry.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

## **javax.swing**

Class RowFilter.Entry<M,I>

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **javax.swing.RowFilter.Entry<M,I>**

**Type Parameters:**M - the type of the model; for example PersonModelI - the type of the identifier; when using TableRowSorter this will be Integer **Enclosing class:**[RowFilter](http://docs.google.com/javax/swing/RowFilter.html)<[M](http://docs.google.com/javax/swing/RowFilter.html),[I](http://docs.google.com/javax/swing/RowFilter.html)>

public abstract static class **RowFilter.Entry<M,I>**extends [Object](http://docs.google.com/java/lang/Object.html)

An Entry object is passed to instances of RowFilter, allowing the filter to get the value of the entry's data, and thus to determine whether the entry should be shown. An Entry object contains information about the model as well as methods for getting the underlying values from the model.

**Since:** 1.6 **See Also:**[RowFilter](http://docs.google.com/javax/swing/RowFilter.html), [DefaultRowSorter.setRowFilter(javax.swing.RowFilter)](http://docs.google.com/javax/swing/DefaultRowSorter.html#setRowFilter(javax.swing.RowFilter))

| **Constructor Summary** | |
| --- | --- |
| [**RowFilter.Entry**](http://docs.google.com/javax/swing/RowFilter.Entry.html#RowFilter.Entry())()            Creates an Entry. |

| **Method Summary** | |
| --- | --- |
| abstract  [I](http://docs.google.com/javax/swing/RowFilter.Entry.html) | [**getIdentifier**](http://docs.google.com/javax/swing/RowFilter.Entry.html#getIdentifier())()            Returns the identifer (in the model) of the entry. |
| abstract  [M](http://docs.google.com/javax/swing/RowFilter.Entry.html) | [**getModel**](http://docs.google.com/javax/swing/RowFilter.Entry.html#getModel())()            Returns the underlying model. |
| [String](http://docs.google.com/java/lang/String.html) | [**getStringValue**](http://docs.google.com/javax/swing/RowFilter.Entry.html#getStringValue(int))(int index)            Returns the string value at the specified index. |
| abstract  [Object](http://docs.google.com/java/lang/Object.html) | [**getValue**](http://docs.google.com/javax/swing/RowFilter.Entry.html#getValue(int))(int index)            Returns the value at the specified index. |
| abstract  int | [**getValueCount**](http://docs.google.com/javax/swing/RowFilter.Entry.html#getValueCount())()            Returns the number of values in the entry. |

| **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)) |

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

### RowFilter.Entry

public **RowFilter.Entry**()

Creates an Entry.

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

### getModel

public abstract [M](http://docs.google.com/javax/swing/RowFilter.Entry.html) **getModel**()

Returns the underlying model.

**Returns:**the model containing the data that this entry represents

### getValueCount

public abstract int **getValueCount**()

Returns the number of values in the entry. For example, when used with a table this corresponds to the number of columns.

**Returns:**number of values in the object being filtered

### getValue

public abstract [Object](http://docs.google.com/java/lang/Object.html) **getValue**(int index)

Returns the value at the specified index. This may return null. When used with a table, index corresponds to the column number in the model.

**Parameters:**index - the index of the value to get **Returns:**value at the specified index **Throws:** IndexOutOfBoundsException - if index < 0 or >= getValueCount

### getStringValue

public [String](http://docs.google.com/java/lang/String.html) **getStringValue**(int index)

Returns the string value at the specified index. If filtering is being done based on String values this method is preferred to that of getValue as getValue(index).toString() may return a different result than getStringValue(index).

This implementation calls getValue(index).toString() after checking for null. Subclasses that provide different string conversion should override this method if necessary.

**Parameters:**index - the index of the value to get **Returns:**non-null string at the specified index **Throws:** IndexOutOfBoundsException - if index < 0 || >= getValueCount

### getIdentifier

public abstract [I](http://docs.google.com/javax/swing/RowFilter.Entry.html) **getIdentifier**()

Returns the identifer (in the model) of the entry. For a table this corresponds to the index of the row in the model, expressed as an Integer.

**Returns:**a model-based (not view-based) identifier for this entry

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/RowFilter.Entry.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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| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

[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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