| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/DefaultComboBoxModel.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/DefaultCellEditor.EditorDelegate.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/DefaultDesktopManager.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/DefaultComboBoxModel.html)    [**NO FRAMES**](http://docs.google.com/DefaultComboBoxModel.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#2et92p0) | [CONSTR](#tyjcwt) | [METHOD](#3dy6vkm) | DETAIL: FIELD | [CONSTR](#17dp8vu) | [METHOD](#35nkun2) |

## **javax.swing**

Class DefaultComboBoxModel

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [javax.swing.AbstractListModel](http://docs.google.com/javax/swing/AbstractListModel.html)  
 **javax.swing.DefaultComboBoxModel**

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html), [ComboBoxModel](http://docs.google.com/javax/swing/ComboBoxModel.html), [ListModel](http://docs.google.com/javax/swing/ListModel.html), [MutableComboBoxModel](http://docs.google.com/javax/swing/MutableComboBoxModel.html)

public class **DefaultComboBoxModel**extends [AbstractListModel](http://docs.google.com/javax/swing/AbstractListModel.html)implements [MutableComboBoxModel](http://docs.google.com/javax/swing/MutableComboBoxModel.html), [Serializable](http://docs.google.com/java/io/Serializable.html)

The default model for combo boxes.

| **Field Summary** | |
| --- | --- |

| **Fields inherited from class javax.swing.**[**AbstractListModel**](http://docs.google.com/javax/swing/AbstractListModel.html) |
| --- |
| [listenerList](http://docs.google.com/javax/swing/AbstractListModel.html#listenerList) |

| **Constructor Summary** | |
| --- | --- |
| [**DefaultComboBoxModel**](http://docs.google.com/javax/swing/DefaultComboBoxModel.html#DefaultComboBoxModel())()            Constructs an empty DefaultComboBoxModel object. |
| [**DefaultComboBoxModel**](http://docs.google.com/javax/swing/DefaultComboBoxModel.html#DefaultComboBoxModel(java.lang.Object%5B%5D))([Object](http://docs.google.com/java/lang/Object.html)[] items)            Constructs a DefaultComboBoxModel object initialized with an array of objects. |
| [**DefaultComboBoxModel**](http://docs.google.com/javax/swing/DefaultComboBoxModel.html#DefaultComboBoxModel(java.util.Vector))([Vector](http://docs.google.com/java/util/Vector.html)<?> v)            Constructs a DefaultComboBoxModel object initialized with a vector. |

| **Method Summary** | |
| --- | --- |
| void | [**addElement**](http://docs.google.com/javax/swing/DefaultComboBoxModel.html#addElement(java.lang.Object))([Object](http://docs.google.com/java/lang/Object.html) anObject)            Adds an item at the end of the model. |
| [Object](http://docs.google.com/java/lang/Object.html) | [**getElementAt**](http://docs.google.com/javax/swing/DefaultComboBoxModel.html#getElementAt(int))(int index)            Returns the value at the specified index. |
| int | [**getIndexOf**](http://docs.google.com/javax/swing/DefaultComboBoxModel.html#getIndexOf(java.lang.Object))([Object](http://docs.google.com/java/lang/Object.html) anObject)            Returns the index-position of the specified object in the list. |
| [Object](http://docs.google.com/java/lang/Object.html) | [**getSelectedItem**](http://docs.google.com/javax/swing/DefaultComboBoxModel.html#getSelectedItem())()            Returns the selected item |
| int | [**getSize**](http://docs.google.com/javax/swing/DefaultComboBoxModel.html#getSize())()            Returns the length of the list. |
| void | [**insertElementAt**](http://docs.google.com/javax/swing/DefaultComboBoxModel.html#insertElementAt(java.lang.Object,%20int))([Object](http://docs.google.com/java/lang/Object.html) anObject, int index)            Adds an item at a specific index. |
| void | [**removeAllElements**](http://docs.google.com/javax/swing/DefaultComboBoxModel.html#removeAllElements())()            Empties the list. |
| void | [**removeElement**](http://docs.google.com/javax/swing/DefaultComboBoxModel.html#removeElement(java.lang.Object))([Object](http://docs.google.com/java/lang/Object.html) anObject)            Removes an item from the model. |
| void | [**removeElementAt**](http://docs.google.com/javax/swing/DefaultComboBoxModel.html#removeElementAt(int))(int index)            Removes an item at a specific index. |
| void | [**setSelectedItem**](http://docs.google.com/javax/swing/DefaultComboBoxModel.html#setSelectedItem(java.lang.Object))([Object](http://docs.google.com/java/lang/Object.html) anObject)            Set the value of the selected item. |

| **Methods inherited from class javax.swing.**[**AbstractListModel**](http://docs.google.com/javax/swing/AbstractListModel.html) |
| --- |
| [addListDataListener](http://docs.google.com/javax/swing/AbstractListModel.html#addListDataListener(javax.swing.event.ListDataListener)), [fireContentsChanged](http://docs.google.com/javax/swing/AbstractListModel.html#fireContentsChanged(java.lang.Object,%20int,%20int)), [fireIntervalAdded](http://docs.google.com/javax/swing/AbstractListModel.html#fireIntervalAdded(java.lang.Object,%20int,%20int)), [fireIntervalRemoved](http://docs.google.com/javax/swing/AbstractListModel.html#fireIntervalRemoved(java.lang.Object,%20int,%20int)), [getListDataListeners](http://docs.google.com/javax/swing/AbstractListModel.html#getListDataListeners()), [getListeners](http://docs.google.com/javax/swing/AbstractListModel.html#getListeners(java.lang.Class)), [removeListDataListener](http://docs.google.com/javax/swing/AbstractListModel.html#removeListDataListener(javax.swing.event.ListDataListener)) |

| **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)) |

| **Methods inherited from interface javax.swing.**[**ListModel**](http://docs.google.com/javax/swing/ListModel.html) |
| --- |
| [addListDataListener](http://docs.google.com/javax/swing/ListModel.html#addListDataListener(javax.swing.event.ListDataListener)), [removeListDataListener](http://docs.google.com/javax/swing/ListModel.html#removeListDataListener(javax.swing.event.ListDataListener)) |

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

### DefaultComboBoxModel

public **DefaultComboBoxModel**()

Constructs an empty DefaultComboBoxModel object.

### DefaultComboBoxModel

public **DefaultComboBoxModel**([Object](http://docs.google.com/java/lang/Object.html)[] items)

Constructs a DefaultComboBoxModel object initialized with an array of objects.

**Parameters:**items - an array of Object objects

### DefaultComboBoxModel

public **DefaultComboBoxModel**([Vector](http://docs.google.com/java/util/Vector.html)<?> v)

Constructs a DefaultComboBoxModel object initialized with a vector.

**Parameters:**v - a Vector object ...

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

### setSelectedItem

public void **setSelectedItem**([Object](http://docs.google.com/java/lang/Object.html) anObject)

Set the value of the selected item. The selected item may be null.

**Specified by:**[setSelectedItem](http://docs.google.com/javax/swing/ComboBoxModel.html#setSelectedItem(java.lang.Object)) in interface [ComboBoxModel](http://docs.google.com/javax/swing/ComboBoxModel.html) **Parameters:**anObject - The combo box value or null for no selection.

### getSelectedItem

public [Object](http://docs.google.com/java/lang/Object.html) **getSelectedItem**()

**Description copied from interface:** [**ComboBoxModel**](http://docs.google.com/javax/swing/ComboBoxModel.html#getSelectedItem()) Returns the selected item

**Specified by:**[getSelectedItem](http://docs.google.com/javax/swing/ComboBoxModel.html#getSelectedItem()) in interface [ComboBoxModel](http://docs.google.com/javax/swing/ComboBoxModel.html) **Returns:**The selected item or null if there is no selection

### getSize

public int **getSize**()

**Description copied from interface:** [**ListModel**](http://docs.google.com/javax/swing/ListModel.html#getSize()) Returns the length of the list.

**Specified by:**[getSize](http://docs.google.com/javax/swing/ListModel.html#getSize()) in interface [ListModel](http://docs.google.com/javax/swing/ListModel.html) **Returns:**the length of the list

### getElementAt

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

**Description copied from interface:** [**ListModel**](http://docs.google.com/javax/swing/ListModel.html#getElementAt(int)) Returns the value at the specified index.

**Specified by:**[getElementAt](http://docs.google.com/javax/swing/ListModel.html#getElementAt(int)) in interface [ListModel](http://docs.google.com/javax/swing/ListModel.html) **Parameters:**index - the requested index **Returns:**the value at index

### getIndexOf

public int **getIndexOf**([Object](http://docs.google.com/java/lang/Object.html) anObject)

Returns the index-position of the specified object in the list.

**Parameters:**anObject - **Returns:**an int representing the index position, where 0 is the first position

### addElement

public void **addElement**([Object](http://docs.google.com/java/lang/Object.html) anObject)

**Description copied from interface:** [**MutableComboBoxModel**](http://docs.google.com/javax/swing/MutableComboBoxModel.html#addElement(java.lang.Object)) Adds an item at the end of the model. The implementation of this method should notify all registered ListDataListeners that the item has been added.

**Specified by:**[addElement](http://docs.google.com/javax/swing/MutableComboBoxModel.html#addElement(java.lang.Object)) in interface [MutableComboBoxModel](http://docs.google.com/javax/swing/MutableComboBoxModel.html) **Parameters:**anObject - the Object to be added

### insertElementAt

public void **insertElementAt**([Object](http://docs.google.com/java/lang/Object.html) anObject,  
 int index)

**Description copied from interface:** [**MutableComboBoxModel**](http://docs.google.com/javax/swing/MutableComboBoxModel.html#insertElementAt(java.lang.Object,%20int)) Adds an item at a specific index. The implementation of this method should notify all registered ListDataListeners that the item has been added.

**Specified by:**[insertElementAt](http://docs.google.com/javax/swing/MutableComboBoxModel.html#insertElementAt(java.lang.Object,%20int)) in interface [MutableComboBoxModel](http://docs.google.com/javax/swing/MutableComboBoxModel.html) **Parameters:**anObject - the Object to be addedindex - location to add the object

### removeElementAt

public void **removeElementAt**(int index)

**Description copied from interface:** [**MutableComboBoxModel**](http://docs.google.com/javax/swing/MutableComboBoxModel.html#removeElementAt(int)) Removes an item at a specific index. The implementation of this method should notify all registered ListDataListeners that the item has been removed.

**Specified by:**[removeElementAt](http://docs.google.com/javax/swing/MutableComboBoxModel.html#removeElementAt(int)) in interface [MutableComboBoxModel](http://docs.google.com/javax/swing/MutableComboBoxModel.html) **Parameters:**index - location of object to be removed

### removeElement

public void **removeElement**([Object](http://docs.google.com/java/lang/Object.html) anObject)

**Description copied from interface:** [**MutableComboBoxModel**](http://docs.google.com/javax/swing/MutableComboBoxModel.html#removeElement(java.lang.Object)) Removes an item from the model. The implementation of this method should should notify all registered ListDataListeners that the item has been removed.

**Specified by:**[removeElement](http://docs.google.com/javax/swing/MutableComboBoxModel.html#removeElement(java.lang.Object)) in interface [MutableComboBoxModel](http://docs.google.com/javax/swing/MutableComboBoxModel.html) **Parameters:**anObject - the Object to be removed

### removeAllElements

public void **removeAllElements**()

Empties the list.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/DefaultComboBoxModel.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/DefaultCellEditor.EditorDelegate.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/DefaultDesktopManager.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/DefaultComboBoxModel.html)    [**NO FRAMES**](http://docs.google.com/DefaultComboBoxModel.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#2et92p0) | [CONSTR](#tyjcwt) | [METHOD](#3dy6vkm) | DETAIL: FIELD | [CONSTR](#17dp8vu) | [METHOD](#35nkun2) |

[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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