| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/ItemListener.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/java/awt/event/ItemEvent.html)   [**NEXT CLASS**](http://docs.google.com/java/awt/event/KeyAdapter.html) | [**FRAMES**](http://docs.google.com/index.html?java/awt/event/ItemListener.html)    [**NO FRAMES**](http://docs.google.com/ItemListener.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#3znysh7) | DETAIL: FIELD | CONSTR | [METHOD](#2et92p0) |

## **java.awt.event**

Interface ItemListener

**All Superinterfaces:** [EventListener](http://docs.google.com/java/util/EventListener.html) **All Known Implementing Classes:** [AWTEventMulticaster](http://docs.google.com/java/awt/AWTEventMulticaster.html), [BasicComboBoxUI.ItemHandler](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.ItemHandler.html), [BasicComboPopup.ItemHandler](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.ItemHandler.html), [Checkbox.AccessibleAWTCheckbox](http://docs.google.com/java/awt/Checkbox.AccessibleAWTCheckbox.html), [DefaultCellEditor.EditorDelegate](http://docs.google.com/javax/swing/DefaultCellEditor.EditorDelegate.html), [JCheckBox.AccessibleJCheckBox](http://docs.google.com/javax/swing/JCheckBox.AccessibleJCheckBox.html), [JRadioButton.AccessibleJRadioButton](http://docs.google.com/javax/swing/JRadioButton.AccessibleJRadioButton.html), [JToggleButton.AccessibleJToggleButton](http://docs.google.com/javax/swing/JToggleButton.AccessibleJToggleButton.html), [List.AccessibleAWTList](http://docs.google.com/java/awt/List.AccessibleAWTList.html)

public interface **ItemListener**extends [EventListener](http://docs.google.com/java/util/EventListener.html)

The listener interface for receiving item events. The class that is interested in processing an item event implements this interface. The object created with that class is then registered with a component using the component's addItemListener method. When an item-selection event occurs, the listener object's itemStateChanged method is invoked.

**Since:** 1.1 **See Also:**[ItemSelectable](http://docs.google.com/java/awt/ItemSelectable.html), [ItemEvent](http://docs.google.com/java/awt/event/ItemEvent.html), [Tutorial: Writing an Item Listener](http://java.sun.com/docs/books/tutorial/post1.0/ui/itemlistener.html)

| **Method Summary** | |
| --- | --- |
| void | [**itemStateChanged**](http://docs.google.com/java/awt/event/ItemListener.html#itemStateChanged(java.awt.event.ItemEvent))([ItemEvent](http://docs.google.com/java/awt/event/ItemEvent.html) e)            Invoked when an item has been selected or deselected by the user. |

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

### itemStateChanged

void **itemStateChanged**([ItemEvent](http://docs.google.com/java/awt/event/ItemEvent.html) e)

Invoked when an item has been selected or deselected by the user. The code written for this method performs the operations that need to occur when an item is selected (or deselected).

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/ItemListener.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/java/awt/event/ItemEvent.html)   [**NEXT CLASS**](http://docs.google.com/java/awt/event/KeyAdapter.html) | [**FRAMES**](http://docs.google.com/index.html?java/awt/event/ItemListener.html)    [**NO FRAMES**](http://docs.google.com/ItemListener.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#3znysh7) | DETAIL: FIELD | CONSTR | [METHOD](#2et92p0) |

[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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