| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/awt/event/ItemListener.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?java/awt/event//class-useItemListener.html)    [**NO FRAMES**](http://docs.google.com/ItemListener.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Interface**

**java.awt.event.ItemListener**

| Packages that use [ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) | |
| --- | --- |
| [**java.awt**](#3znysh7) | Contains all of the classes for creating user interfaces and for painting graphics and images. |
| [**javax.swing**](#2et92p0) | Provides a set of "lightweight" (all-Java language) components that, to the maximum degree possible, work the same on all platforms. |
| [**javax.swing.plaf.basic**](#tyjcwt) | Provides user interface objects built according to the Basic look and feel. |

| Uses of [ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) in [java.awt](http://docs.google.com/java/awt/package-summary.html) | |
| --- | --- |

| Classes in [java.awt](http://docs.google.com/java/awt/package-summary.html) that implement [ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) | |
| --- | --- |
| class | [**AWTEventMulticaster**](http://docs.google.com/java/awt/AWTEventMulticaster.html)            AWTEventMulticaster implements efficient and thread-safe multi-cast event dispatching for the AWT events defined in the java.awt.event package. |
| protected  class | [**Checkbox.AccessibleAWTCheckbox**](http://docs.google.com/java/awt/Checkbox.AccessibleAWTCheckbox.html)            This class implements accessibility support for the Checkbox class. |
| protected  class | [**List.AccessibleAWTList**](http://docs.google.com/java/awt/List.AccessibleAWTList.html)            This class implements accessibility support for the List class. |

| Methods in [java.awt](http://docs.google.com/java/awt/package-summary.html) that return [ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) | |
| --- | --- |
| static [ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) | **AWTEventMulticaster.**[**add**](http://docs.google.com/java/awt/AWTEventMulticaster.html#add(java.awt.event.ItemListener,%20java.awt.event.ItemListener))([ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) a, [ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) b)            Adds item-listener-a with item-listener-b and returns the resulting multicast listener. |
| [ItemListener](http://docs.google.com/java/awt/event/ItemListener.html)[] | **CheckboxMenuItem.**[**getItemListeners**](http://docs.google.com/java/awt/CheckboxMenuItem.html#getItemListeners())()            Returns an array of all the item listeners registered on this checkbox menuitem. |
| [ItemListener](http://docs.google.com/java/awt/event/ItemListener.html)[] | **Choice.**[**getItemListeners**](http://docs.google.com/java/awt/Choice.html#getItemListeners())()            Returns an array of all the item listeners registered on this choice. |
| [ItemListener](http://docs.google.com/java/awt/event/ItemListener.html)[] | **Checkbox.**[**getItemListeners**](http://docs.google.com/java/awt/Checkbox.html#getItemListeners())()            Returns an array of all the item listeners registered on this checkbox. |
| [ItemListener](http://docs.google.com/java/awt/event/ItemListener.html)[] | **List.**[**getItemListeners**](http://docs.google.com/java/awt/List.html#getItemListeners())()            Returns an array of all the item listeners registered on this list. |
| static [ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) | **AWTEventMulticaster.**[**remove**](http://docs.google.com/java/awt/AWTEventMulticaster.html#remove(java.awt.event.ItemListener,%20java.awt.event.ItemListener))([ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) l, [ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) oldl)            Removes the old item-listener from item-listener-l and returns the resulting multicast listener. |

| Methods in [java.awt](http://docs.google.com/java/awt/package-summary.html) with parameters of type [ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) | |
| --- | --- |
| static [ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) | **AWTEventMulticaster.**[**add**](http://docs.google.com/java/awt/AWTEventMulticaster.html#add(java.awt.event.ItemListener,%20java.awt.event.ItemListener))([ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) a, [ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) b)            Adds item-listener-a with item-listener-b and returns the resulting multicast listener. |
| void | **CheckboxMenuItem.**[**addItemListener**](http://docs.google.com/java/awt/CheckboxMenuItem.html#addItemListener(java.awt.event.ItemListener))([ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) l)            Adds the specified item listener to receive item events from this check box menu item. |
| void | **Choice.**[**addItemListener**](http://docs.google.com/java/awt/Choice.html#addItemListener(java.awt.event.ItemListener))([ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) l)            Adds the specified item listener to receive item events from this Choice menu. |
| void | **Checkbox.**[**addItemListener**](http://docs.google.com/java/awt/Checkbox.html#addItemListener(java.awt.event.ItemListener))([ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) l)            Adds the specified item listener to receive item events from this check box. |
| void | **List.**[**addItemListener**](http://docs.google.com/java/awt/List.html#addItemListener(java.awt.event.ItemListener))([ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) l)            Adds the specified item listener to receive item events from this list. |
| void | **ItemSelectable.**[**addItemListener**](http://docs.google.com/java/awt/ItemSelectable.html#addItemListener(java.awt.event.ItemListener))([ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) l)            Adds a listener to receive item events when the state of an item is changed by the user. |
| static [ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) | **AWTEventMulticaster.**[**remove**](http://docs.google.com/java/awt/AWTEventMulticaster.html#remove(java.awt.event.ItemListener,%20java.awt.event.ItemListener))([ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) l, [ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) oldl)            Removes the old item-listener from item-listener-l and returns the resulting multicast listener. |
| void | **CheckboxMenuItem.**[**removeItemListener**](http://docs.google.com/java/awt/CheckboxMenuItem.html#removeItemListener(java.awt.event.ItemListener))([ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) l)            Removes the specified item listener so that it no longer receives item events from this check box menu item. |
| void | **Choice.**[**removeItemListener**](http://docs.google.com/java/awt/Choice.html#removeItemListener(java.awt.event.ItemListener))([ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) l)            Removes the specified item listener so that it no longer receives item events from this Choice menu. |
| void | **Checkbox.**[**removeItemListener**](http://docs.google.com/java/awt/Checkbox.html#removeItemListener(java.awt.event.ItemListener))([ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) l)            Removes the specified item listener so that the item listener no longer receives item events from this check box. |
| void | **List.**[**removeItemListener**](http://docs.google.com/java/awt/List.html#removeItemListener(java.awt.event.ItemListener))([ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) l)            Removes the specified item listener so that it no longer receives item events from this list. |
| void | **ItemSelectable.**[**removeItemListener**](http://docs.google.com/java/awt/ItemSelectable.html#removeItemListener(java.awt.event.ItemListener))([ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) l)            Removes an item listener. |

| Uses of [ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) | |
| --- | --- |

| Classes in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) that implement [ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) | |
| --- | --- |
| protected  class | [**DefaultCellEditor.EditorDelegate**](http://docs.google.com/javax/swing/DefaultCellEditor.EditorDelegate.html)            The protected EditorDelegate class. |
| protected  class | [**JCheckBox.AccessibleJCheckBox**](http://docs.google.com/javax/swing/JCheckBox.AccessibleJCheckBox.html)            This class implements accessibility support for the JCheckBox class. |
| protected  class | [**JRadioButton.AccessibleJRadioButton**](http://docs.google.com/javax/swing/JRadioButton.AccessibleJRadioButton.html)            This class implements accessibility support for the JRadioButton class. |
| protected  class | [**JToggleButton.AccessibleJToggleButton**](http://docs.google.com/javax/swing/JToggleButton.AccessibleJToggleButton.html)            This class implements accessibility support for the JToggleButton class. |

| Fields in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) declared as [ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) | |
| --- | --- |
| protected  [ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) | **AbstractButton.**[**itemListener**](http://docs.google.com/javax/swing/AbstractButton.html#itemListener)            The button model's ItemListener. |

| Methods in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) that return [ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) | |
| --- | --- |
| protected  [ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) | **AbstractButton.**[**createItemListener**](http://docs.google.com/javax/swing/AbstractButton.html#createItemListener())() |
| [ItemListener](http://docs.google.com/java/awt/event/ItemListener.html)[] | **JComboBox.**[**getItemListeners**](http://docs.google.com/javax/swing/JComboBox.html#getItemListeners())()            Returns an array of all the ItemListeners added to this JComboBox with addItemListener(). |
| [ItemListener](http://docs.google.com/java/awt/event/ItemListener.html)[] | **AbstractButton.**[**getItemListeners**](http://docs.google.com/javax/swing/AbstractButton.html#getItemListeners())()            Returns an array of all the ItemListeners added to this AbstractButton with addItemListener(). |
| [ItemListener](http://docs.google.com/java/awt/event/ItemListener.html)[] | **DefaultButtonModel.**[**getItemListeners**](http://docs.google.com/javax/swing/DefaultButtonModel.html#getItemListeners())()            Returns an array of all the item listeners registered on this DefaultButtonModel. |

| Methods in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) with parameters of type [ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) | |
| --- | --- |
| void | **JComboBox.**[**addItemListener**](http://docs.google.com/javax/swing/JComboBox.html#addItemListener(java.awt.event.ItemListener))([ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) aListener)            Adds an ItemListener. |
| void | **AbstractButton.**[**addItemListener**](http://docs.google.com/javax/swing/AbstractButton.html#addItemListener(java.awt.event.ItemListener))([ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) l)            Adds an ItemListener to the checkbox. |
| void | **DefaultButtonModel.**[**addItemListener**](http://docs.google.com/javax/swing/DefaultButtonModel.html#addItemListener(java.awt.event.ItemListener))([ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) l)            Adds an ItemListener to the model. |
| void | **ButtonModel.**[**addItemListener**](http://docs.google.com/javax/swing/ButtonModel.html#addItemListener(java.awt.event.ItemListener))([ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) l)            Adds an ItemListener to the model. |
| void | **JComboBox.**[**removeItemListener**](http://docs.google.com/javax/swing/JComboBox.html#removeItemListener(java.awt.event.ItemListener))([ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) aListener)            Removes an ItemListener. |
| void | **AbstractButton.**[**removeItemListener**](http://docs.google.com/javax/swing/AbstractButton.html#removeItemListener(java.awt.event.ItemListener))([ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) l)            Removes an ItemListener from the button. |
| void | **DefaultButtonModel.**[**removeItemListener**](http://docs.google.com/javax/swing/DefaultButtonModel.html#removeItemListener(java.awt.event.ItemListener))([ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) l)            Removes an ItemListener from the model. |
| void | **ButtonModel.**[**removeItemListener**](http://docs.google.com/javax/swing/ButtonModel.html#removeItemListener(java.awt.event.ItemListener))([ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) l)            Removes an ItemListener from the model. |

| Uses of [ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) | |
| --- | --- |

| Classes in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) that implement [ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) | |
| --- | --- |
| class | [**BasicComboBoxUI.ItemHandler**](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.ItemHandler.html)            This listener watches for changes to the selection in the combo box. |
| protected  class | [**BasicComboPopup.ItemHandler**](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.ItemHandler.html)            This listener watches for changes to the selection in the combo box. |

| Fields in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) declared as [ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) | |
| --- | --- |
| protected  [ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) | **BasicComboBoxUI.**[**itemListener**](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#itemListener)            This protected field is implementation specific. |
| protected  [ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) | **BasicComboPopup.**[**itemListener**](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#itemListener)            This protected field is implementation specific. |

| Methods in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) that return [ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) | |
| --- | --- |
| protected  [ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) | **BasicComboBoxUI.**[**createItemListener**](http://docs.google.com/javax/swing/plaf/basic/BasicComboBoxUI.html#createItemListener())()            Creates an ItemListener which will be added to the combo box. |
| protected  [ItemListener](http://docs.google.com/java/awt/event/ItemListener.html) | **BasicComboPopup.**[**createItemListener**](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#createItemListener())()            Creates an ItemListener which will be added to the combo box. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/awt/event/ItemListener.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?java/awt/event//class-useItemListener.html)    [**NO FRAMES**](http://docs.google.com/ItemListener.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

[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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