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

**Uses of Interface**

**java.awt.event.MouseWheelListener**

| Packages that use [MouseWheelListener](http://docs.google.com/java/awt/event/MouseWheelListener.html) | |
| --- | --- |
| [**java.awt**](#3znysh7) | Contains all of the classes for creating user interfaces and for painting graphics and images. |
| [**java.awt.event**](#2et92p0) | Provides interfaces and classes for dealing with different types of events fired by AWT components. |
| [**javax.swing**](#tyjcwt) | Provides a set of "lightweight" (all-Java language) components that, to the maximum degree possible, work the same on all platforms. |
| [**javax.swing.event**](#3dy6vkm) | Provides for events fired by Swing components. |
| [**javax.swing.plaf.basic**](#1t3h5sf) | Provides user interface objects built according to the Basic look and feel. |
| [**javax.swing.plaf.metal**](#4d34og8) | Provides user interface objects built according to the Java look and feel (once codenamed *Metal*), which is the default look and feel. |
| [**javax.swing.text.html**](#2s8eyo1) | Provides the class HTMLEditorKit and supporting classes for creating HTML text editors. |

| Uses of [MouseWheelListener](http://docs.google.com/java/awt/event/MouseWheelListener.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 [MouseWheelListener](http://docs.google.com/java/awt/event/MouseWheelListener.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. |

| Methods in [java.awt](http://docs.google.com/java/awt/package-summary.html) that return [MouseWheelListener](http://docs.google.com/java/awt/event/MouseWheelListener.html) | |
| --- | --- |
| static [MouseWheelListener](http://docs.google.com/java/awt/event/MouseWheelListener.html) | **AWTEventMulticaster.**[**add**](http://docs.google.com/java/awt/AWTEventMulticaster.html#add(java.awt.event.MouseWheelListener,%20java.awt.event.MouseWheelListener))([MouseWheelListener](http://docs.google.com/java/awt/event/MouseWheelListener.html) a, [MouseWheelListener](http://docs.google.com/java/awt/event/MouseWheelListener.html) b)            Adds mouse-wheel-listener-a with mouse-wheel-listener-b and returns the resulting multicast listener. |
| [MouseWheelListener](http://docs.google.com/java/awt/event/MouseWheelListener.html)[] | **Component.**[**getMouseWheelListeners**](http://docs.google.com/java/awt/Component.html#getMouseWheelListeners())()            Returns an array of all the mouse wheel listeners registered on this component. |
| static [MouseWheelListener](http://docs.google.com/java/awt/event/MouseWheelListener.html) | **AWTEventMulticaster.**[**remove**](http://docs.google.com/java/awt/AWTEventMulticaster.html#remove(java.awt.event.MouseWheelListener,%20java.awt.event.MouseWheelListener))([MouseWheelListener](http://docs.google.com/java/awt/event/MouseWheelListener.html) l, [MouseWheelListener](http://docs.google.com/java/awt/event/MouseWheelListener.html) oldl)            Removes the old mouse-wheel-listener from mouse-wheel-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 [MouseWheelListener](http://docs.google.com/java/awt/event/MouseWheelListener.html) | |
| --- | --- |
| static [MouseWheelListener](http://docs.google.com/java/awt/event/MouseWheelListener.html) | **AWTEventMulticaster.**[**add**](http://docs.google.com/java/awt/AWTEventMulticaster.html#add(java.awt.event.MouseWheelListener,%20java.awt.event.MouseWheelListener))([MouseWheelListener](http://docs.google.com/java/awt/event/MouseWheelListener.html) a, [MouseWheelListener](http://docs.google.com/java/awt/event/MouseWheelListener.html) b)            Adds mouse-wheel-listener-a with mouse-wheel-listener-b and returns the resulting multicast listener. |
| void | **Component.**[**addMouseWheelListener**](http://docs.google.com/java/awt/Component.html#addMouseWheelListener(java.awt.event.MouseWheelListener))([MouseWheelListener](http://docs.google.com/java/awt/event/MouseWheelListener.html) l)            Adds the specified mouse wheel listener to receive mouse wheel events from this component. |
| static [MouseWheelListener](http://docs.google.com/java/awt/event/MouseWheelListener.html) | **AWTEventMulticaster.**[**remove**](http://docs.google.com/java/awt/AWTEventMulticaster.html#remove(java.awt.event.MouseWheelListener,%20java.awt.event.MouseWheelListener))([MouseWheelListener](http://docs.google.com/java/awt/event/MouseWheelListener.html) l, [MouseWheelListener](http://docs.google.com/java/awt/event/MouseWheelListener.html) oldl)            Removes the old mouse-wheel-listener from mouse-wheel-listener-l and returns the resulting multicast listener. |
| void | **Component.**[**removeMouseWheelListener**](http://docs.google.com/java/awt/Component.html#removeMouseWheelListener(java.awt.event.MouseWheelListener))([MouseWheelListener](http://docs.google.com/java/awt/event/MouseWheelListener.html) l)            Removes the specified mouse wheel listener so that it no longer receives mouse wheel events from this component. |

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

| Classes in [java.awt.event](http://docs.google.com/java/awt/event/package-summary.html) that implement [MouseWheelListener](http://docs.google.com/java/awt/event/MouseWheelListener.html) | |
| --- | --- |
| class | [**MouseAdapter**](http://docs.google.com/java/awt/event/MouseAdapter.html)            An abstract adapter class for receiving mouse events. |

| Uses of [MouseWheelListener](http://docs.google.com/java/awt/event/MouseWheelListener.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 [MouseWheelListener](http://docs.google.com/java/awt/event/MouseWheelListener.html) | |
| --- | --- |
| class | [**ToolTipManager**](http://docs.google.com/javax/swing/ToolTipManager.html)            Manages all the ToolTips in the system. |

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

| Classes in [javax.swing.event](http://docs.google.com/javax/swing/event/package-summary.html) that implement [MouseWheelListener](http://docs.google.com/java/awt/event/MouseWheelListener.html) | |
| --- | --- |
| class | [**MouseInputAdapter**](http://docs.google.com/javax/swing/event/MouseInputAdapter.html)            An empty implementation of the MouseInputListener interface, provided as a convenience to simplify the task of creating listeners, by extending and implementing only the methods of interest. |

| Uses of [MouseWheelListener](http://docs.google.com/java/awt/event/MouseWheelListener.html) in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) | |
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| Classes in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) that implement [MouseWheelListener](http://docs.google.com/java/awt/event/MouseWheelListener.html) | |
| --- | --- |
| protected  class | [**BasicComboPopup.InvocationMouseHandler**](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.InvocationMouseHandler.html)            A listener to be registered upon the combo box (*not* its popup menu) to handle mouse events that affect the state of the popup menu. |
| protected  class | [**BasicComboPopup.ListMouseHandler**](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.ListMouseHandler.html)            This listener hides the popup when the mouse is released in the list. |
| class | [**BasicDesktopIconUI.MouseInputHandler**](http://docs.google.com/javax/swing/plaf/basic/BasicDesktopIconUI.MouseInputHandler.html)            Listens for mouse movements and acts on them. |
| protected  class | [**BasicFileChooserUI.DoubleClickListener**](http://docs.google.com/javax/swing/plaf/basic/BasicFileChooserUI.DoubleClickListener.html) |
| protected  class | [**BasicInternalFrameUI.BorderListener**](http://docs.google.com/javax/swing/plaf/basic/BasicInternalFrameUI.BorderListener.html)            Listens for border adjustments. |
| protected  class | [**BasicScrollBarUI.ArrowButtonListener**](http://docs.google.com/javax/swing/plaf/basic/BasicScrollBarUI.ArrowButtonListener.html)            Listener for cursor keys. |
| protected  class | [**BasicScrollBarUI.TrackListener**](http://docs.google.com/javax/swing/plaf/basic/BasicScrollBarUI.TrackListener.html)            Track mouse drags. |
| protected  class | [**BasicScrollPaneUI.MouseWheelHandler**](http://docs.google.com/javax/swing/plaf/basic/BasicScrollPaneUI.MouseWheelHandler.html)            MouseWheelHandler is an inner class which implements the MouseWheelListener interface. |
| class | [**BasicSliderUI.TrackListener**](http://docs.google.com/javax/swing/plaf/basic/BasicSliderUI.TrackListener.html)            Track mouse movements. |
| protected  class | [**BasicSplitPaneDivider.MouseHandler**](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneDivider.MouseHandler.html)            MouseHandler is responsible for converting mouse events (released, dragged...) into the appropriate DragController methods. |
| class | [**BasicTabbedPaneUI.MouseHandler**](http://docs.google.com/javax/swing/plaf/basic/BasicTabbedPaneUI.MouseHandler.html)            This class should be treated as a "protected" inner class. |
| class | [**BasicTreeUI.MouseHandler**](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.MouseHandler.html)            TreeMouseListener is responsible for updating the selection based on mouse events. |

| Methods in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) that return [MouseWheelListener](http://docs.google.com/java/awt/event/MouseWheelListener.html) | |
| --- | --- |
| protected  [MouseWheelListener](http://docs.google.com/java/awt/event/MouseWheelListener.html) | **BasicScrollPaneUI.**[**createMouseWheelListener**](http://docs.google.com/javax/swing/plaf/basic/BasicScrollPaneUI.html#createMouseWheelListener())()            Creates an instance of MouseWheelListener, which is added to the JScrollPane by installUI(). |

| Uses of [MouseWheelListener](http://docs.google.com/java/awt/event/MouseWheelListener.html) in [javax.swing.plaf.metal](http://docs.google.com/javax/swing/plaf/metal/package-summary.html) | |
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| Classes in [javax.swing.plaf.metal](http://docs.google.com/javax/swing/plaf/metal/package-summary.html) that implement [MouseWheelListener](http://docs.google.com/java/awt/event/MouseWheelListener.html) | |
| --- | --- |
| protected  class | [**MetalFileChooserUI.SingleClickListener**](http://docs.google.com/javax/swing/plaf/metal/MetalFileChooserUI.SingleClickListener.html) |

| Uses of [MouseWheelListener](http://docs.google.com/java/awt/event/MouseWheelListener.html) in [javax.swing.text.html](http://docs.google.com/javax/swing/text/html/package-summary.html) | |
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| Classes in [javax.swing.text.html](http://docs.google.com/javax/swing/text/html/package-summary.html) that implement [MouseWheelListener](http://docs.google.com/java/awt/event/MouseWheelListener.html) | |
| --- | --- |
| protected  class | [**FormView.MouseEventListener**](http://docs.google.com/javax/swing/text/html/FormView.MouseEventListener.html)            MouseEventListener class to handle form submissions when an input with type equal to image is clicked on. |
| static class | [**HTMLEditorKit.LinkController**](http://docs.google.com/javax/swing/text/html/HTMLEditorKit.LinkController.html)            Class to watch the associated component and fire hyperlink events on it when appropriate. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/awt/event/MouseWheelListener.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*** |
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| PREV   NEXT | [**FRAMES**](http://docs.google.com/index.html?java/awt/event//class-useMouseWheelListener.html)    [**NO FRAMES**](http://docs.google.com/MouseWheelListener.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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