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

**Uses of Interface**

**java.awt.event.MouseMotionListener**

| Packages that use [MouseMotionListener](http://docs.google.com/java/awt/event/MouseMotionListener.html) | |
| --- | --- |
| [**java.awt**](#3znysh7) | Contains all of the classes for creating user interfaces and for painting graphics and images. |
| [**java.awt.dnd**](#2et92p0) | Drag and Drop is a direct manipulation gesture found in many Graphical User Interface systems that provides a mechanism to transfer information between two entities logically associated with presentation elements in the GUI. |
| [**java.awt.event**](#tyjcwt) | Provides interfaces and classes for dealing with different types of events fired by AWT components. |
| [**javax.swing**](#3dy6vkm) | Provides a set of "lightweight" (all-Java language) components that, to the maximum degree possible, work the same on all platforms. |
| [**javax.swing.event**](#1t3h5sf) | Provides for events fired by Swing components. |
| [**javax.swing.plaf.basic**](#4d34og8) | Provides user interface objects built according to the Basic look and feel. |
| [**javax.swing.plaf.metal**](#2s8eyo1) | 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**](#17dp8vu) | Provides classes and interfaces that deal with editable and noneditable text components. |
| [**javax.swing.text.html**](#3rdcrjn) | Provides the class HTMLEditorKit and supporting classes for creating HTML text editors. |

| Uses of [MouseMotionListener](http://docs.google.com/java/awt/event/MouseMotionListener.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 [MouseMotionListener](http://docs.google.com/java/awt/event/MouseMotionListener.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 [MouseMotionListener](http://docs.google.com/java/awt/event/MouseMotionListener.html) | |
| --- | --- |
| static [MouseMotionListener](http://docs.google.com/java/awt/event/MouseMotionListener.html) | **AWTEventMulticaster.**[**add**](http://docs.google.com/java/awt/AWTEventMulticaster.html#add(java.awt.event.MouseMotionListener,%20java.awt.event.MouseMotionListener))([MouseMotionListener](http://docs.google.com/java/awt/event/MouseMotionListener.html) a, [MouseMotionListener](http://docs.google.com/java/awt/event/MouseMotionListener.html) b)            Adds mouse-motion-listener-a with mouse-motion-listener-b and returns the resulting multicast listener. |
| [MouseMotionListener](http://docs.google.com/java/awt/event/MouseMotionListener.html)[] | **Component.**[**getMouseMotionListeners**](http://docs.google.com/java/awt/Component.html#getMouseMotionListeners())()            Returns an array of all the mouse motion listeners registered on this component. |
| [MouseMotionListener](http://docs.google.com/java/awt/event/MouseMotionListener.html)[] | **TrayIcon.**[**getMouseMotionListeners**](http://docs.google.com/java/awt/TrayIcon.html#getMouseMotionListeners())()            Returns an array of all the mouse-motion listeners registered on this TrayIcon. |
| static [MouseMotionListener](http://docs.google.com/java/awt/event/MouseMotionListener.html) | **AWTEventMulticaster.**[**remove**](http://docs.google.com/java/awt/AWTEventMulticaster.html#remove(java.awt.event.MouseMotionListener,%20java.awt.event.MouseMotionListener))([MouseMotionListener](http://docs.google.com/java/awt/event/MouseMotionListener.html) l, [MouseMotionListener](http://docs.google.com/java/awt/event/MouseMotionListener.html) oldl)            Removes the old mouse-motion-listener from mouse-motion-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 [MouseMotionListener](http://docs.google.com/java/awt/event/MouseMotionListener.html) | |
| --- | --- |
| static [MouseMotionListener](http://docs.google.com/java/awt/event/MouseMotionListener.html) | **AWTEventMulticaster.**[**add**](http://docs.google.com/java/awt/AWTEventMulticaster.html#add(java.awt.event.MouseMotionListener,%20java.awt.event.MouseMotionListener))([MouseMotionListener](http://docs.google.com/java/awt/event/MouseMotionListener.html) a, [MouseMotionListener](http://docs.google.com/java/awt/event/MouseMotionListener.html) b)            Adds mouse-motion-listener-a with mouse-motion-listener-b and returns the resulting multicast listener. |
| void | **Component.**[**addMouseMotionListener**](http://docs.google.com/java/awt/Component.html#addMouseMotionListener(java.awt.event.MouseMotionListener))([MouseMotionListener](http://docs.google.com/java/awt/event/MouseMotionListener.html) l)            Adds the specified mouse motion listener to receive mouse motion events from this component. |
| void | **TrayIcon.**[**addMouseMotionListener**](http://docs.google.com/java/awt/TrayIcon.html#addMouseMotionListener(java.awt.event.MouseMotionListener))([MouseMotionListener](http://docs.google.com/java/awt/event/MouseMotionListener.html) listener)            Adds the specified mouse listener to receive mouse-motion events from this TrayIcon. |
| static [MouseMotionListener](http://docs.google.com/java/awt/event/MouseMotionListener.html) | **AWTEventMulticaster.**[**remove**](http://docs.google.com/java/awt/AWTEventMulticaster.html#remove(java.awt.event.MouseMotionListener,%20java.awt.event.MouseMotionListener))([MouseMotionListener](http://docs.google.com/java/awt/event/MouseMotionListener.html) l, [MouseMotionListener](http://docs.google.com/java/awt/event/MouseMotionListener.html) oldl)            Removes the old mouse-motion-listener from mouse-motion-listener-l and returns the resulting multicast listener. |
| void | **Component.**[**removeMouseMotionListener**](http://docs.google.com/java/awt/Component.html#removeMouseMotionListener(java.awt.event.MouseMotionListener))([MouseMotionListener](http://docs.google.com/java/awt/event/MouseMotionListener.html) l)            Removes the specified mouse motion listener so that it no longer receives mouse motion events from this component. |
| void | **TrayIcon.**[**removeMouseMotionListener**](http://docs.google.com/java/awt/TrayIcon.html#removeMouseMotionListener(java.awt.event.MouseMotionListener))([MouseMotionListener](http://docs.google.com/java/awt/event/MouseMotionListener.html) listener)            Removes the specified mouse-motion listener. |

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

| Classes in [java.awt.dnd](http://docs.google.com/java/awt/dnd/package-summary.html) that implement [MouseMotionListener](http://docs.google.com/java/awt/event/MouseMotionListener.html) | |
| --- | --- |
| class | [**MouseDragGestureRecognizer**](http://docs.google.com/java/awt/dnd/MouseDragGestureRecognizer.html)            This abstract subclass of DragGestureRecognizer defines a DragGestureRecognizer for mouse-based gestures. |

| Uses of [MouseMotionListener](http://docs.google.com/java/awt/event/MouseMotionListener.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 [MouseMotionListener](http://docs.google.com/java/awt/event/MouseMotionListener.html) | |
| --- | --- |
| class | [**MouseAdapter**](http://docs.google.com/java/awt/event/MouseAdapter.html)            An abstract adapter class for receiving mouse events. |
| class | [**MouseMotionAdapter**](http://docs.google.com/java/awt/event/MouseMotionAdapter.html)            An abstract adapter class for receiving mouse motion events. |

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

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

| Subinterfaces of [MouseMotionListener](http://docs.google.com/java/awt/event/MouseMotionListener.html) in [javax.swing.event](http://docs.google.com/javax/swing/event/package-summary.html) | |
| --- | --- |
| interface | [**MouseInputListener**](http://docs.google.com/javax/swing/event/MouseInputListener.html)            A listener implementing all the methods in both the MouseListener and MouseMotionListener interfaces. |

| Classes in [javax.swing.event](http://docs.google.com/javax/swing/event/package-summary.html) that implement [MouseMotionListener](http://docs.google.com/java/awt/event/MouseMotionListener.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 [MouseMotionListener](http://docs.google.com/java/awt/event/MouseMotionListener.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 [MouseMotionListener](http://docs.google.com/java/awt/event/MouseMotionListener.html) | |
| --- | --- |
| class | [**BasicButtonListener**](http://docs.google.com/javax/swing/plaf/basic/BasicButtonListener.html)            Button Listener |
| 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.InvocationMouseMotionHandler**](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.InvocationMouseMotionHandler.html)            This listener watches for dragging and updates the current selection in the list if it is dragging over the list. |
| 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. |
| protected  class | [**BasicComboPopup.ListMouseMotionHandler**](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.ListMouseMotionHandler.html)            This listener changes the selected item as you move the mouse over 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 | [**BasicInternalFrameUI.GlassPaneDispatcher**](http://docs.google.com/javax/swing/plaf/basic/BasicInternalFrameUI.GlassPaneDispatcher.html) |
| class | [**BasicListUI.MouseInputHandler**](http://docs.google.com/javax/swing/plaf/basic/BasicListUI.MouseInputHandler.html)            Mouse input, and focus handling for JList. |
| protected  class | [**BasicMenuItemUI.MouseInputHandler**](http://docs.google.com/javax/swing/plaf/basic/BasicMenuItemUI.MouseInputHandler.html) |
| protected  class | [**BasicMenuUI.MouseInputHandler**](http://docs.google.com/javax/swing/plaf/basic/BasicMenuUI.MouseInputHandler.html)            Instantiated and used by a menu item to handle the current menu selection from mouse events. |
| 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. |
| 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 | [**BasicTableHeaderUI.MouseInputHandler**](http://docs.google.com/javax/swing/plaf/basic/BasicTableHeaderUI.MouseInputHandler.html)            This inner class is marked "public" due to a compiler bug. |
| class | [**BasicTableUI.MouseInputHandler**](http://docs.google.com/javax/swing/plaf/basic/BasicTableUI.MouseInputHandler.html)            This inner class is marked "public" due to a compiler bug. |
| static class | [**BasicTextUI.BasicCaret**](http://docs.google.com/javax/swing/plaf/basic/BasicTextUI.BasicCaret.html) |
| class | [**BasicToolBarUI.DockingListener**](http://docs.google.com/javax/swing/plaf/basic/BasicToolBarUI.DockingListener.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. |
| class | [**BasicTreeUI.MouseInputHandler**](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.MouseInputHandler.html)            MouseInputHandler handles passing all mouse events, including mouse motion events, until the mouse is released to the destination it is constructed with. |

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

| Methods in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) that return [MouseMotionListener](http://docs.google.com/java/awt/event/MouseMotionListener.html) | |
| --- | --- |
| protected  [MouseMotionListener](http://docs.google.com/java/awt/event/MouseMotionListener.html) | **BasicComboPopup.**[**createListMouseMotionListener**](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#createListMouseMotionListener())()            Creates a mouse motion listener that watches for mouse motion events in the popup's list. |
| protected  [MouseMotionListener](http://docs.google.com/java/awt/event/MouseMotionListener.html) | **BasicComboPopup.**[**createMouseMotionListener**](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#createMouseMotionListener())()            Creates the mouse motion listener which will be added to the combo box. |
| [MouseMotionListener](http://docs.google.com/java/awt/event/MouseMotionListener.html) | **BasicComboPopup.**[**getMouseMotionListener**](http://docs.google.com/javax/swing/plaf/basic/BasicComboPopup.html#getMouseMotionListener())()            Implementation of ComboPopup.getMouseMotionListener(). |
| [MouseMotionListener](http://docs.google.com/java/awt/event/MouseMotionListener.html) | **ComboPopup.**[**getMouseMotionListener**](http://docs.google.com/javax/swing/plaf/basic/ComboPopup.html#getMouseMotionListener())()            Returns a mouse motion listener that will be added to the combo box or null. |

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

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

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

| Classes in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) that implement [MouseMotionListener](http://docs.google.com/java/awt/event/MouseMotionListener.html) | |
| --- | --- |
| class | [**DefaultCaret**](http://docs.google.com/javax/swing/text/DefaultCaret.html)            A default implementation of Caret. |

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

| Classes in [javax.swing.text.html](http://docs.google.com/javax/swing/text/html/package-summary.html) that implement [MouseMotionListener](http://docs.google.com/java/awt/event/MouseMotionListener.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/MouseMotionListener.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-useMouseMotionListener.html)    [**NO FRAMES**](http://docs.google.com/MouseMotionListener.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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