| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/BasicScrollBarUI.TrackListener.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/plaf/basic/BasicScrollBarUI.ScrollListener.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/plaf/basic/BasicScrollPaneUI.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/plaf/basic/BasicScrollBarUI.TrackListener.html)    [**NO FRAMES**](http://docs.google.com/BasicScrollBarUI.TrackListener.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: [FIELD](#4d34og8) | [CONSTR](#26in1rg) | [METHOD](#35nkun2) |

## **javax.swing.plaf.basic**

Class BasicScrollBarUI.TrackListener

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [java.awt.event.MouseAdapter](http://docs.google.com/java/awt/event/MouseAdapter.html)  
 **javax.swing.plaf.basic.BasicScrollBarUI.TrackListener**

**All Implemented Interfaces:** [MouseListener](http://docs.google.com/java/awt/event/MouseListener.html), [MouseMotionListener](http://docs.google.com/java/awt/event/MouseMotionListener.html), [MouseWheelListener](http://docs.google.com/java/awt/event/MouseWheelListener.html), [EventListener](http://docs.google.com/java/util/EventListener.html) **Enclosing class:**[BasicScrollBarUI](http://docs.google.com/javax/swing/plaf/basic/BasicScrollBarUI.html)

protected class **BasicScrollBarUI.TrackListener**extends [MouseAdapter](http://docs.google.com/java/awt/event/MouseAdapter.html)implements [MouseMotionListener](http://docs.google.com/java/awt/event/MouseMotionListener.html)

Track mouse drags.

| **Field Summary** | |
| --- | --- |
| protected  int | [**currentMouseX**](http://docs.google.com/javax/swing/plaf/basic/BasicScrollBarUI.TrackListener.html#currentMouseX) |
| protected  int | [**currentMouseY**](http://docs.google.com/javax/swing/plaf/basic/BasicScrollBarUI.TrackListener.html#currentMouseY) |
| protected  int | [**offset**](http://docs.google.com/javax/swing/plaf/basic/BasicScrollBarUI.TrackListener.html#offset) |

| **Constructor Summary** | |
| --- | --- |
| protected | [**BasicScrollBarUI.TrackListener**](http://docs.google.com/javax/swing/plaf/basic/BasicScrollBarUI.TrackListener.html#BasicScrollBarUI.TrackListener())() |

| **Method Summary** | |
| --- | --- |
| void | [**mouseDragged**](http://docs.google.com/javax/swing/plaf/basic/BasicScrollBarUI.TrackListener.html#mouseDragged(java.awt.event.MouseEvent))([MouseEvent](http://docs.google.com/java/awt/event/MouseEvent.html) e)            Set the models value to the position of the thumb's top of Vertical scrollbar, or the left/right of Horizontal scrollbar in left-to-right/right-to-left scrollbar relative to the origin of the track. |
| void | [**mouseExited**](http://docs.google.com/javax/swing/plaf/basic/BasicScrollBarUI.TrackListener.html#mouseExited(java.awt.event.MouseEvent))([MouseEvent](http://docs.google.com/java/awt/event/MouseEvent.html) e)            Invoked when the mouse exits the scrollbar. |
| void | [**mouseMoved**](http://docs.google.com/javax/swing/plaf/basic/BasicScrollBarUI.TrackListener.html#mouseMoved(java.awt.event.MouseEvent))([MouseEvent](http://docs.google.com/java/awt/event/MouseEvent.html) e)            Invoked when the mouse cursor has been moved onto a component but no buttons have been pushed. |
| void | [**mousePressed**](http://docs.google.com/javax/swing/plaf/basic/BasicScrollBarUI.TrackListener.html#mousePressed(java.awt.event.MouseEvent))([MouseEvent](http://docs.google.com/java/awt/event/MouseEvent.html) e)            If the mouse is pressed above the "thumb" component then reduce the scrollbars value by one page ("page up"), otherwise increase it by one page. |
| void | [**mouseReleased**](http://docs.google.com/javax/swing/plaf/basic/BasicScrollBarUI.TrackListener.html#mouseReleased(java.awt.event.MouseEvent))([MouseEvent](http://docs.google.com/java/awt/event/MouseEvent.html) e)            Invoked when a mouse button has been released on a component. |

| **Methods inherited from class java.awt.event.**[**MouseAdapter**](http://docs.google.com/java/awt/event/MouseAdapter.html) |
| --- |
| [mouseClicked](http://docs.google.com/java/awt/event/MouseAdapter.html#mouseClicked(java.awt.event.MouseEvent)), [mouseEntered](http://docs.google.com/java/awt/event/MouseAdapter.html#mouseEntered(java.awt.event.MouseEvent)), [mouseWheelMoved](http://docs.google.com/java/awt/event/MouseAdapter.html#mouseWheelMoved(java.awt.event.MouseWheelEvent)) |

| **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)) |

| **Field Detail** |
| --- |

### offset

protected transient int **offset**

### currentMouseX

protected transient int **currentMouseX**

### currentMouseY

protected transient int **currentMouseY**

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

### BasicScrollBarUI.TrackListener

protected **BasicScrollBarUI.TrackListener**()

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

### mouseReleased

public void **mouseReleased**([MouseEvent](http://docs.google.com/java/awt/event/MouseEvent.html) e)

**Description copied from class:** [**MouseAdapter**](http://docs.google.com/java/awt/event/MouseAdapter.html#mouseReleased(java.awt.event.MouseEvent)) Invoked when a mouse button has been released on a component.

**Specified by:**[mouseReleased](http://docs.google.com/java/awt/event/MouseListener.html#mouseReleased(java.awt.event.MouseEvent)) in interface [MouseListener](http://docs.google.com/java/awt/event/MouseListener.html)**Overrides:**[mouseReleased](http://docs.google.com/java/awt/event/MouseAdapter.html#mouseReleased(java.awt.event.MouseEvent)) in class [MouseAdapter](http://docs.google.com/java/awt/event/MouseAdapter.html)

### mousePressed

public void **mousePressed**([MouseEvent](http://docs.google.com/java/awt/event/MouseEvent.html) e)

If the mouse is pressed above the "thumb" component then reduce the scrollbars value by one page ("page up"), otherwise increase it by one page. If there is no thumb then page up if the mouse is in the upper half of the track.

**Specified by:**[mousePressed](http://docs.google.com/java/awt/event/MouseListener.html#mousePressed(java.awt.event.MouseEvent)) in interface [MouseListener](http://docs.google.com/java/awt/event/MouseListener.html)**Overrides:**[mousePressed](http://docs.google.com/java/awt/event/MouseAdapter.html#mousePressed(java.awt.event.MouseEvent)) in class [MouseAdapter](http://docs.google.com/java/awt/event/MouseAdapter.html)

### mouseDragged

public void **mouseDragged**([MouseEvent](http://docs.google.com/java/awt/event/MouseEvent.html) e)

Set the models value to the position of the thumb's top of Vertical scrollbar, or the left/right of Horizontal scrollbar in left-to-right/right-to-left scrollbar relative to the origin of the track.

**Specified by:**[mouseDragged](http://docs.google.com/java/awt/event/MouseMotionListener.html#mouseDragged(java.awt.event.MouseEvent)) in interface [MouseMotionListener](http://docs.google.com/java/awt/event/MouseMotionListener.html)**Overrides:**[mouseDragged](http://docs.google.com/java/awt/event/MouseAdapter.html#mouseDragged(java.awt.event.MouseEvent)) in class [MouseAdapter](http://docs.google.com/java/awt/event/MouseAdapter.html)

### mouseMoved

public void **mouseMoved**([MouseEvent](http://docs.google.com/java/awt/event/MouseEvent.html) e)

**Description copied from class:** [**MouseAdapter**](http://docs.google.com/java/awt/event/MouseAdapter.html#mouseMoved(java.awt.event.MouseEvent)) Invoked when the mouse cursor has been moved onto a component but no buttons have been pushed.

**Specified by:**[mouseMoved](http://docs.google.com/java/awt/event/MouseMotionListener.html#mouseMoved(java.awt.event.MouseEvent)) in interface [MouseMotionListener](http://docs.google.com/java/awt/event/MouseMotionListener.html)**Overrides:**[mouseMoved](http://docs.google.com/java/awt/event/MouseAdapter.html#mouseMoved(java.awt.event.MouseEvent)) in class [MouseAdapter](http://docs.google.com/java/awt/event/MouseAdapter.html)

### mouseExited

public void **mouseExited**([MouseEvent](http://docs.google.com/java/awt/event/MouseEvent.html) e)

Invoked when the mouse exits the scrollbar.

**Specified by:**[mouseExited](http://docs.google.com/java/awt/event/MouseListener.html#mouseExited(java.awt.event.MouseEvent)) in interface [MouseListener](http://docs.google.com/java/awt/event/MouseListener.html)**Overrides:**[mouseExited](http://docs.google.com/java/awt/event/MouseAdapter.html#mouseExited(java.awt.event.MouseEvent)) in class [MouseAdapter](http://docs.google.com/java/awt/event/MouseAdapter.html) **Parameters:**e - MouseEvent further describing the event**Since:** 1.5

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/BasicScrollBarUI.TrackListener.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/plaf/basic/BasicScrollBarUI.ScrollListener.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/plaf/basic/BasicScrollPaneUI.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/plaf/basic/BasicScrollBarUI.TrackListener.html)    [**NO FRAMES**](http://docs.google.com/BasicScrollBarUI.TrackListener.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: [FIELD](#4d34og8) | [CONSTR](#26in1rg) | [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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