| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/BasicDesktopIconUI.MouseInputHandler.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/BasicDesktopIconUI.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/plaf/basic/BasicDesktopPaneUI.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/plaf/basic/BasicDesktopIconUI.MouseInputHandler.html)    [**NO FRAMES**](http://docs.google.com/BasicDesktopIconUI.MouseInputHandler.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#4d34og8) | [METHOD](#17dp8vu) |

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

Class BasicDesktopIconUI.MouseInputHandler

[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.event.MouseInputAdapter](http://docs.google.com/javax/swing/event/MouseInputAdapter.html)  
 **javax.swing.plaf.basic.BasicDesktopIconUI.MouseInputHandler**

**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), [MouseInputListener](http://docs.google.com/javax/swing/event/MouseInputListener.html) **Enclosing class:**[BasicDesktopIconUI](http://docs.google.com/javax/swing/plaf/basic/BasicDesktopIconUI.html)

public class **BasicDesktopIconUI.MouseInputHandler**extends [MouseInputAdapter](http://docs.google.com/javax/swing/event/MouseInputAdapter.html)

Listens for mouse movements and acts on them. This inner class is marked "public" due to a compiler bug. This class should be treated as a "protected" inner class. Instantiate it only within subclasses of .

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

| **Method Summary** | |
| --- | --- |
| void | [**mouseDragged**](http://docs.google.com/javax/swing/plaf/basic/BasicDesktopIconUI.MouseInputHandler.html#mouseDragged(java.awt.event.MouseEvent))([MouseEvent](http://docs.google.com/java/awt/event/MouseEvent.html) e)            Invoked when a mouse button is pressed on a component and then dragged. |
| void | [**mouseMoved**](http://docs.google.com/javax/swing/plaf/basic/BasicDesktopIconUI.MouseInputHandler.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/BasicDesktopIconUI.MouseInputHandler.html#mousePressed(java.awt.event.MouseEvent))([MouseEvent](http://docs.google.com/java/awt/event/MouseEvent.html) e)            Invoked when a mouse button has been pressed on a component. |
| void | [**mouseReleased**](http://docs.google.com/javax/swing/plaf/basic/BasicDesktopIconUI.MouseInputHandler.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. |
| void | [**moveAndRepaint**](http://docs.google.com/javax/swing/plaf/basic/BasicDesktopIconUI.MouseInputHandler.html#moveAndRepaint(javax.swing.JComponent,%20int,%20int,%20int,%20int))([JComponent](http://docs.google.com/javax/swing/JComponent.html) f, int newX, int newY, int newWidth, int newHeight) |

| **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)), [mouseExited](http://docs.google.com/java/awt/event/MouseAdapter.html#mouseExited(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)) |

| **Methods inherited from interface java.awt.event.**[**MouseListener**](http://docs.google.com/java/awt/event/MouseListener.html) |
| --- |
| [mouseClicked](http://docs.google.com/java/awt/event/MouseListener.html#mouseClicked(java.awt.event.MouseEvent)), [mouseEntered](http://docs.google.com/java/awt/event/MouseListener.html#mouseEntered(java.awt.event.MouseEvent)), [mouseExited](http://docs.google.com/java/awt/event/MouseListener.html#mouseExited(java.awt.event.MouseEvent)) |

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

### BasicDesktopIconUI.MouseInputHandler

public **BasicDesktopIconUI.MouseInputHandler**()

| **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)

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

**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)

### 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)

### mouseDragged

public void **mouseDragged**([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#mouseDragged(java.awt.event.MouseEvent)) Invoked when a mouse button is pressed on a component and then dragged. MOUSE\_DRAGGED events will continue to be delivered to the component where the drag originated until the mouse button is released (regardless of whether the mouse position is within the bounds of the component).

Due to platform-dependent Drag&Drop implementations, MOUSE\_DRAGGED events may not be delivered during a native Drag&Drop operation.

**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)

### moveAndRepaint

public void **moveAndRepaint**([JComponent](http://docs.google.com/javax/swing/JComponent.html) f,  
 int newX,  
 int newY,  
 int newWidth,  
 int newHeight)

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/BasicDesktopIconUI.MouseInputHandler.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/BasicDesktopIconUI.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/plaf/basic/BasicDesktopPaneUI.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/plaf/basic/BasicDesktopIconUI.MouseInputHandler.html)    [**NO FRAMES**](http://docs.google.com/BasicDesktopIconUI.MouseInputHandler.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#4d34og8) | [METHOD](#17dp8vu) |

[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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