| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/MenuDragMouseEvent.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/event/ListSelectionListener.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/event/MenuDragMouseListener.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/event/MenuDragMouseEvent.html)    [**NO FRAMES**](http://docs.google.com/MenuDragMouseEvent.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#2et92p0) | [CONSTR](#2s8eyo1) | [METHOD](#17dp8vu) | DETAIL: FIELD | [CONSTR](#2jxsxqh) | [METHOD](#1y810tw) |

## **javax.swing.event**

Class MenuDragMouseEvent

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [java.util.EventObject](http://docs.google.com/java/util/EventObject.html)  
 [java.awt.AWTEvent](http://docs.google.com/java/awt/AWTEvent.html)  
 [java.awt.event.ComponentEvent](http://docs.google.com/java/awt/event/ComponentEvent.html)  
 [java.awt.event.InputEvent](http://docs.google.com/java/awt/event/InputEvent.html)  
 [java.awt.event.MouseEvent](http://docs.google.com/java/awt/event/MouseEvent.html)  
 **javax.swing.event.MenuDragMouseEvent**

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html)

public class **MenuDragMouseEvent**extends [MouseEvent](http://docs.google.com/java/awt/event/MouseEvent.html)

MenuDragMouseEvent is used to notify interested parties that the menu element has received a MouseEvent forwarded to it under drag conditions.

**Warning:** Serialized objects of this class will not be compatible with future Swing releases. The current serialization support is appropriate for short term storage or RMI between applications running the same version of Swing. As of 1.4, support for long term storage of all JavaBeansTM has been added to the java.beans package. Please see [XMLEncoder](http://docs.google.com/java/beans/XMLEncoder.html).

| **Field Summary** | |
| --- | --- |

| **Fields inherited from class java.awt.event.**[**MouseEvent**](http://docs.google.com/java/awt/event/MouseEvent.html) |
| --- |
| [BUTTON1](http://docs.google.com/java/awt/event/MouseEvent.html#BUTTON1), [BUTTON2](http://docs.google.com/java/awt/event/MouseEvent.html#BUTTON2), [BUTTON3](http://docs.google.com/java/awt/event/MouseEvent.html#BUTTON3), [MOUSE\_CLICKED](http://docs.google.com/java/awt/event/MouseEvent.html#MOUSE_CLICKED), [MOUSE\_DRAGGED](http://docs.google.com/java/awt/event/MouseEvent.html#MOUSE_DRAGGED), [MOUSE\_ENTERED](http://docs.google.com/java/awt/event/MouseEvent.html#MOUSE_ENTERED), [MOUSE\_EXITED](http://docs.google.com/java/awt/event/MouseEvent.html#MOUSE_EXITED), [MOUSE\_FIRST](http://docs.google.com/java/awt/event/MouseEvent.html#MOUSE_FIRST), [MOUSE\_LAST](http://docs.google.com/java/awt/event/MouseEvent.html#MOUSE_LAST), [MOUSE\_MOVED](http://docs.google.com/java/awt/event/MouseEvent.html#MOUSE_MOVED), [MOUSE\_PRESSED](http://docs.google.com/java/awt/event/MouseEvent.html#MOUSE_PRESSED), [MOUSE\_RELEASED](http://docs.google.com/java/awt/event/MouseEvent.html#MOUSE_RELEASED), [MOUSE\_WHEEL](http://docs.google.com/java/awt/event/MouseEvent.html#MOUSE_WHEEL), [NOBUTTON](http://docs.google.com/java/awt/event/MouseEvent.html#NOBUTTON) |

| **Fields inherited from class java.awt.event.**[**InputEvent**](http://docs.google.com/java/awt/event/InputEvent.html) |
| --- |
| [ALT\_DOWN\_MASK](http://docs.google.com/java/awt/event/InputEvent.html#ALT_DOWN_MASK), [ALT\_GRAPH\_DOWN\_MASK](http://docs.google.com/java/awt/event/InputEvent.html#ALT_GRAPH_DOWN_MASK), [ALT\_GRAPH\_MASK](http://docs.google.com/java/awt/event/InputEvent.html#ALT_GRAPH_MASK), [ALT\_MASK](http://docs.google.com/java/awt/event/InputEvent.html#ALT_MASK), [BUTTON1\_DOWN\_MASK](http://docs.google.com/java/awt/event/InputEvent.html#BUTTON1_DOWN_MASK), [BUTTON1\_MASK](http://docs.google.com/java/awt/event/InputEvent.html#BUTTON1_MASK), [BUTTON2\_DOWN\_MASK](http://docs.google.com/java/awt/event/InputEvent.html#BUTTON2_DOWN_MASK), [BUTTON2\_MASK](http://docs.google.com/java/awt/event/InputEvent.html#BUTTON2_MASK), [BUTTON3\_DOWN\_MASK](http://docs.google.com/java/awt/event/InputEvent.html#BUTTON3_DOWN_MASK), [BUTTON3\_MASK](http://docs.google.com/java/awt/event/InputEvent.html#BUTTON3_MASK), [CTRL\_DOWN\_MASK](http://docs.google.com/java/awt/event/InputEvent.html#CTRL_DOWN_MASK), [CTRL\_MASK](http://docs.google.com/java/awt/event/InputEvent.html#CTRL_MASK), [META\_DOWN\_MASK](http://docs.google.com/java/awt/event/InputEvent.html#META_DOWN_MASK), [META\_MASK](http://docs.google.com/java/awt/event/InputEvent.html#META_MASK), [SHIFT\_DOWN\_MASK](http://docs.google.com/java/awt/event/InputEvent.html#SHIFT_DOWN_MASK), [SHIFT\_MASK](http://docs.google.com/java/awt/event/InputEvent.html#SHIFT_MASK) |

| **Fields inherited from class java.awt.event.**[**ComponentEvent**](http://docs.google.com/java/awt/event/ComponentEvent.html) |
| --- |
| [COMPONENT\_FIRST](http://docs.google.com/java/awt/event/ComponentEvent.html#COMPONENT_FIRST), [COMPONENT\_HIDDEN](http://docs.google.com/java/awt/event/ComponentEvent.html#COMPONENT_HIDDEN), [COMPONENT\_LAST](http://docs.google.com/java/awt/event/ComponentEvent.html#COMPONENT_LAST), [COMPONENT\_MOVED](http://docs.google.com/java/awt/event/ComponentEvent.html#COMPONENT_MOVED), [COMPONENT\_RESIZED](http://docs.google.com/java/awt/event/ComponentEvent.html#COMPONENT_RESIZED), [COMPONENT\_SHOWN](http://docs.google.com/java/awt/event/ComponentEvent.html#COMPONENT_SHOWN) |

| **Fields inherited from class java.awt.**[**AWTEvent**](http://docs.google.com/java/awt/AWTEvent.html) |
| --- |
| [ACTION\_EVENT\_MASK](http://docs.google.com/java/awt/AWTEvent.html#ACTION_EVENT_MASK), [ADJUSTMENT\_EVENT\_MASK](http://docs.google.com/java/awt/AWTEvent.html#ADJUSTMENT_EVENT_MASK), [COMPONENT\_EVENT\_MASK](http://docs.google.com/java/awt/AWTEvent.html#COMPONENT_EVENT_MASK), [consumed](http://docs.google.com/java/awt/AWTEvent.html#consumed), [CONTAINER\_EVENT\_MASK](http://docs.google.com/java/awt/AWTEvent.html#CONTAINER_EVENT_MASK), [FOCUS\_EVENT\_MASK](http://docs.google.com/java/awt/AWTEvent.html#FOCUS_EVENT_MASK), [HIERARCHY\_BOUNDS\_EVENT\_MASK](http://docs.google.com/java/awt/AWTEvent.html#HIERARCHY_BOUNDS_EVENT_MASK), [HIERARCHY\_EVENT\_MASK](http://docs.google.com/java/awt/AWTEvent.html#HIERARCHY_EVENT_MASK), [id](http://docs.google.com/java/awt/AWTEvent.html#id), [INPUT\_METHOD\_EVENT\_MASK](http://docs.google.com/java/awt/AWTEvent.html#INPUT_METHOD_EVENT_MASK), [INVOCATION\_EVENT\_MASK](http://docs.google.com/java/awt/AWTEvent.html#INVOCATION_EVENT_MASK), [ITEM\_EVENT\_MASK](http://docs.google.com/java/awt/AWTEvent.html#ITEM_EVENT_MASK), [KEY\_EVENT\_MASK](http://docs.google.com/java/awt/AWTEvent.html#KEY_EVENT_MASK), [MOUSE\_EVENT\_MASK](http://docs.google.com/java/awt/AWTEvent.html#MOUSE_EVENT_MASK), [MOUSE\_MOTION\_EVENT\_MASK](http://docs.google.com/java/awt/AWTEvent.html#MOUSE_MOTION_EVENT_MASK), [MOUSE\_WHEEL\_EVENT\_MASK](http://docs.google.com/java/awt/AWTEvent.html#MOUSE_WHEEL_EVENT_MASK), [PAINT\_EVENT\_MASK](http://docs.google.com/java/awt/AWTEvent.html#PAINT_EVENT_MASK), [RESERVED\_ID\_MAX](http://docs.google.com/java/awt/AWTEvent.html#RESERVED_ID_MAX), [TEXT\_EVENT\_MASK](http://docs.google.com/java/awt/AWTEvent.html#TEXT_EVENT_MASK), [WINDOW\_EVENT\_MASK](http://docs.google.com/java/awt/AWTEvent.html#WINDOW_EVENT_MASK), [WINDOW\_FOCUS\_EVENT\_MASK](http://docs.google.com/java/awt/AWTEvent.html#WINDOW_FOCUS_EVENT_MASK), [WINDOW\_STATE\_EVENT\_MASK](http://docs.google.com/java/awt/AWTEvent.html#WINDOW_STATE_EVENT_MASK) |

| **Fields inherited from class java.util.**[**EventObject**](http://docs.google.com/java/util/EventObject.html) |
| --- |
| [source](http://docs.google.com/java/util/EventObject.html#source) |

| **Constructor Summary** | |
| --- | --- |
| [**MenuDragMouseEvent**](http://docs.google.com/javax/swing/event/MenuDragMouseEvent.html#MenuDragMouseEvent(java.awt.Component,%20int,%20long,%20int,%20int,%20int,%20int,%20boolean,%20javax.swing.MenuElement%5B%5D,%20javax.swing.MenuSelectionManager))([Component](http://docs.google.com/java/awt/Component.html) source, int id, long when, int modifiers, int x, int y, int clickCount, boolean popupTrigger, [MenuElement](http://docs.google.com/javax/swing/MenuElement.html)[] p, [MenuSelectionManager](http://docs.google.com/javax/swing/MenuSelectionManager.html) m)            Constructs a MenuDragMouseEvent object. |
| [**MenuDragMouseEvent**](http://docs.google.com/javax/swing/event/MenuDragMouseEvent.html#MenuDragMouseEvent(java.awt.Component,%20int,%20long,%20int,%20int,%20int,%20int,%20int,%20int,%20boolean,%20javax.swing.MenuElement%5B%5D,%20javax.swing.MenuSelectionManager))([Component](http://docs.google.com/java/awt/Component.html) source, int id, long when, int modifiers, int x, int y, int xAbs, int yAbs, int clickCount, boolean popupTrigger, [MenuElement](http://docs.google.com/javax/swing/MenuElement.html)[] p, [MenuSelectionManager](http://docs.google.com/javax/swing/MenuSelectionManager.html) m)            Constructs a MenuDragMouseEvent object. |

| **Method Summary** | |
| --- | --- |
| [MenuSelectionManager](http://docs.google.com/javax/swing/MenuSelectionManager.html) | [**getMenuSelectionManager**](http://docs.google.com/javax/swing/event/MenuDragMouseEvent.html#getMenuSelectionManager())()            Returns the current menu selection manager. |
| [MenuElement](http://docs.google.com/javax/swing/MenuElement.html)[] | [**getPath**](http://docs.google.com/javax/swing/event/MenuDragMouseEvent.html#getPath())()            Returns the path to the selected menu item. |

| **Methods inherited from class java.awt.event.**[**MouseEvent**](http://docs.google.com/java/awt/event/MouseEvent.html) |
| --- |
| [getButton](http://docs.google.com/java/awt/event/MouseEvent.html#getButton()), [getClickCount](http://docs.google.com/java/awt/event/MouseEvent.html#getClickCount()), [getLocationOnScreen](http://docs.google.com/java/awt/event/MouseEvent.html#getLocationOnScreen()), [getMouseModifiersText](http://docs.google.com/java/awt/event/MouseEvent.html#getMouseModifiersText(int)), [getPoint](http://docs.google.com/java/awt/event/MouseEvent.html#getPoint()), [getX](http://docs.google.com/java/awt/event/MouseEvent.html#getX()), [getXOnScreen](http://docs.google.com/java/awt/event/MouseEvent.html#getXOnScreen()), [getY](http://docs.google.com/java/awt/event/MouseEvent.html#getY()), [getYOnScreen](http://docs.google.com/java/awt/event/MouseEvent.html#getYOnScreen()), [isPopupTrigger](http://docs.google.com/java/awt/event/MouseEvent.html#isPopupTrigger()), [paramString](http://docs.google.com/java/awt/event/MouseEvent.html#paramString()), [translatePoint](http://docs.google.com/java/awt/event/MouseEvent.html#translatePoint(int,%20int)) |

| **Methods inherited from class java.awt.event.**[**InputEvent**](http://docs.google.com/java/awt/event/InputEvent.html) |
| --- |
| [consume](http://docs.google.com/java/awt/event/InputEvent.html#consume()), [getModifiers](http://docs.google.com/java/awt/event/InputEvent.html#getModifiers()), [getModifiersEx](http://docs.google.com/java/awt/event/InputEvent.html#getModifiersEx()), [getModifiersExText](http://docs.google.com/java/awt/event/InputEvent.html#getModifiersExText(int)), [getWhen](http://docs.google.com/java/awt/event/InputEvent.html#getWhen()), [isAltDown](http://docs.google.com/java/awt/event/InputEvent.html#isAltDown()), [isAltGraphDown](http://docs.google.com/java/awt/event/InputEvent.html#isAltGraphDown()), [isConsumed](http://docs.google.com/java/awt/event/InputEvent.html#isConsumed()), [isControlDown](http://docs.google.com/java/awt/event/InputEvent.html#isControlDown()), [isMetaDown](http://docs.google.com/java/awt/event/InputEvent.html#isMetaDown()), [isShiftDown](http://docs.google.com/java/awt/event/InputEvent.html#isShiftDown()) |

| **Methods inherited from class java.awt.event.**[**ComponentEvent**](http://docs.google.com/java/awt/event/ComponentEvent.html) |
| --- |
| [getComponent](http://docs.google.com/java/awt/event/ComponentEvent.html#getComponent()) |

| **Methods inherited from class java.awt.**[**AWTEvent**](http://docs.google.com/java/awt/AWTEvent.html) |
| --- |
| [getID](http://docs.google.com/java/awt/AWTEvent.html#getID()), [setSource](http://docs.google.com/java/awt/AWTEvent.html#setSource(java.lang.Object)), [toString](http://docs.google.com/java/awt/AWTEvent.html#toString()) |

| **Methods inherited from class java.util.**[**EventObject**](http://docs.google.com/java/util/EventObject.html) |
| --- |
| [getSource](http://docs.google.com/java/util/EventObject.html#getSource()) |

| **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()), [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)) |

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

### MenuDragMouseEvent

public **MenuDragMouseEvent**([Component](http://docs.google.com/java/awt/Component.html) source,  
 int id,  
 long when,  
 int modifiers,  
 int x,  
 int y,  
 int clickCount,  
 boolean popupTrigger,  
 [MenuElement](http://docs.google.com/javax/swing/MenuElement.html)[] p,  
 [MenuSelectionManager](http://docs.google.com/javax/swing/MenuSelectionManager.html) m)

Constructs a MenuDragMouseEvent object.

Absolute coordinates xAbs and yAbs are set to source's location on screen plus relative coordinates x and y. xAbs and yAbs are set to zero if the source is not showing.

**Parameters:**source - the Component that originated the event (typically this)id - an int specifying the type of event, as defined in [MouseEvent](http://docs.google.com/java/awt/event/MouseEvent.html)when - a long identifying the time the event occurredmodifiers - an int specifying any modifier keys held down, as specified in [InputEvent](http://docs.google.com/java/awt/event/InputEvent.html)x - an int specifying the horizontal position at which the event occurred, in pixelsy - an int specifying the vertical position at which the event occurred, in pixelsclickCount - an int specifying the number of mouse-clickspopupTrigger - a boolean -- true if the event {should?/did?} trigger a popupp - an array of MenuElement objects specifying a path to a menu item affected by the dragm - a MenuSelectionManager object that handles selections**See Also:**[MouseEvent.MouseEvent(java.awt.Component, int, long, int, int, int, int, int, int, boolean, int)](http://docs.google.com/java/awt/event/MouseEvent.html#MouseEvent(java.awt.Component,%20int,%20long,%20int,%20int,%20int,%20int,%20int,%20int,%20boolean,%20int))

### MenuDragMouseEvent

public **MenuDragMouseEvent**([Component](http://docs.google.com/java/awt/Component.html) source,  
 int id,  
 long when,  
 int modifiers,  
 int x,  
 int y,  
 int xAbs,  
 int yAbs,  
 int clickCount,  
 boolean popupTrigger,  
 [MenuElement](http://docs.google.com/javax/swing/MenuElement.html)[] p,  
 [MenuSelectionManager](http://docs.google.com/javax/swing/MenuSelectionManager.html) m)

Constructs a MenuDragMouseEvent object.

Even if inconsistent values for relative and absolute coordinates are passed to the constructor, the MenuDragMouseEvent instance is still created.

**Parameters:**source - the Component that originated the event (typically this)id - an int specifying the type of event, as defined in [MouseEvent](http://docs.google.com/java/awt/event/MouseEvent.html)when - a long identifying the time the event occurredmodifiers - an int specifying any modifier keys held down, as specified in [InputEvent](http://docs.google.com/java/awt/event/InputEvent.html)x - an int specifying the horizontal position at which the event occurred, in pixelsy - an int specifying the vertical position at which the event occurred, in pixelsxAbs - an int specifying the horizontal absolute position at which the event occurred, in pixelsyAbs - an int specifying the vertical absolute position at which the event occurred, in pixelsclickCount - an int specifying the number of mouse-clickspopupTrigger - a boolean -- true if the event {should?/did?} trigger a popupp - an array of MenuElement objects specifying a path to a menu item affected by the dragm - a MenuSelectionManager object that handles selections**Since:** 1.6 **See Also:**[MouseEvent.MouseEvent(java.awt.Component, int, long, int, int, int, int, int, int, boolean, int)](http://docs.google.com/java/awt/event/MouseEvent.html#MouseEvent(java.awt.Component,%20int,%20long,%20int,%20int,%20int,%20int,%20int,%20int,%20boolean,%20int))

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

### getPath

public [MenuElement](http://docs.google.com/javax/swing/MenuElement.html)[] **getPath**()

Returns the path to the selected menu item.

**Returns:**an array of MenuElement objects representing the path value

### getMenuSelectionManager

public [MenuSelectionManager](http://docs.google.com/javax/swing/MenuSelectionManager.html) **getMenuSelectionManager**()

Returns the current menu selection manager.

**Returns:**a MenuSelectionManager object

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/MenuDragMouseEvent.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/event/ListSelectionListener.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/event/MenuDragMouseListener.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/event/MenuDragMouseEvent.html)    [**NO FRAMES**](http://docs.google.com/MenuDragMouseEvent.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#2et92p0) | [CONSTR](#2s8eyo1) | [METHOD](#17dp8vu) | DETAIL: FIELD | [CONSTR](#2jxsxqh) | [METHOD](#1y810tw) |

[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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