| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/BasicSplitPaneDivider.DragController.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/BasicSplitPaneDivider.DividerLayout.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneDivider.MouseHandler.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/plaf/basic/BasicSplitPaneDivider.DragController.html)    [**NO FRAMES**](http://docs.google.com/BasicSplitPaneDivider.DragController.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

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

Class BasicSplitPaneDivider.DragController

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **javax.swing.plaf.basic.BasicSplitPaneDivider.DragController**

**Direct Known Subclasses:** [BasicSplitPaneDivider.VerticalDragController](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneDivider.VerticalDragController.html) **Enclosing class:**[BasicSplitPaneDivider](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneDivider.html)

protected class **BasicSplitPaneDivider.DragController**extends [Object](http://docs.google.com/java/lang/Object.html)

Handles the events during a dragging session for a HORIZONTAL\_SPLIT oriented split pane. This continually messages dragDividerTo and then when done messages finishDraggingTo. When an instance is created it should be messaged with isValid to insure that dragging can happen (dragging won't be allowed if the two views can not be resized).

**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).

| **Constructor Summary** | |
| --- | --- |
| protected | [**BasicSplitPaneDivider.DragController**](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneDivider.DragController.html#BasicSplitPaneDivider.DragController(java.awt.event.MouseEvent))([MouseEvent](http://docs.google.com/java/awt/event/MouseEvent.html) e) |

| **Method Summary** | |
| --- | --- |
| protected  void | [**completeDrag**](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneDivider.DragController.html#completeDrag(int,%20int))(int x, int y) |
| protected  void | [**completeDrag**](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneDivider.DragController.html#completeDrag(java.awt.event.MouseEvent))([MouseEvent](http://docs.google.com/java/awt/event/MouseEvent.html) e)            Messages finishDraggingTo with the new location for the mouse event. |
| protected  void | [**continueDrag**](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneDivider.DragController.html#continueDrag(int,%20int))(int newX, int newY) |
| protected  void | [**continueDrag**](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneDivider.DragController.html#continueDrag(java.awt.event.MouseEvent))([MouseEvent](http://docs.google.com/java/awt/event/MouseEvent.html) e)            Messages dragDividerTo with the new location for the mouse event. |
| protected  int | [**getNeededLocation**](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneDivider.DragController.html#getNeededLocation(int,%20int))(int x, int y)            Returns the x argument, since this is used for horizontal splits. |
| protected  boolean | [**isValid**](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneDivider.DragController.html#isValid())()            Returns true if the dragging session is valid. |
| protected  int | [**positionForMouseEvent**](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneDivider.DragController.html#positionForMouseEvent(java.awt.event.MouseEvent))([MouseEvent](http://docs.google.com/java/awt/event/MouseEvent.html) e)            Returns the new position to put the divider at based on the passed in MouseEvent. |

| **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)) |

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

### BasicSplitPaneDivider.DragController

protected **BasicSplitPaneDivider.DragController**([MouseEvent](http://docs.google.com/java/awt/event/MouseEvent.html) e)

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

### isValid

protected boolean **isValid**()

Returns true if the dragging session is valid.

### positionForMouseEvent

protected int **positionForMouseEvent**([MouseEvent](http://docs.google.com/java/awt/event/MouseEvent.html) e)

Returns the new position to put the divider at based on the passed in MouseEvent.

### getNeededLocation

protected int **getNeededLocation**(int x,  
 int y)

Returns the x argument, since this is used for horizontal splits.

### continueDrag

protected void **continueDrag**(int newX,  
 int newY)

### continueDrag

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

Messages dragDividerTo with the new location for the mouse event.

### completeDrag

protected void **completeDrag**(int x,  
 int y)

### completeDrag

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

Messages finishDraggingTo with the new location for the mouse event.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/BasicSplitPaneDivider.DragController.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/BasicSplitPaneDivider.DividerLayout.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/plaf/basic/BasicSplitPaneDivider.MouseHandler.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/plaf/basic/BasicSplitPaneDivider.DragController.html)    [**NO FRAMES**](http://docs.google.com/BasicSplitPaneDivider.DragController.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

[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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