| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/DragSourceDropEvent.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/java/awt/dnd/DragSourceDragEvent.html)   [**NEXT CLASS**](http://docs.google.com/java/awt/dnd/DragSourceEvent.html) | [**FRAMES**](http://docs.google.com/index.html?java/awt/dnd/DragSourceDropEvent.html)    [**NO FRAMES**](http://docs.google.com/DragSourceDropEvent.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#2et92p0) | [CONSTR](#tyjcwt) | [METHOD](#3dy6vkm) | DETAIL: FIELD | [CONSTR](#17dp8vu) | [METHOD](#35nkun2) |

## **java.awt.dnd**

Class DragSourceDropEvent

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [java.util.EventObject](http://docs.google.com/java/util/EventObject.html)  
 [java.awt.dnd.DragSourceEvent](http://docs.google.com/java/awt/dnd/DragSourceEvent.html)  
 **java.awt.dnd.DragSourceDropEvent**

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

public class **DragSourceDropEvent**extends [DragSourceEvent](http://docs.google.com/java/awt/dnd/DragSourceEvent.html)

The DragSourceDropEvent is delivered from the DragSourceContextPeer, via the DragSourceContext, to the dragDropEnd method of DragSourceListeners registered with that DragSourceContext and with its associated DragSource. It contains sufficient information for the originator of the operation to provide appropriate feedback to the end user when the operation completes.

**Since:** 1.2 **See Also:**[Serialized Form](http://docs.google.com/serialized-form.html#java.awt.dnd.DragSourceDropEvent)

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

| **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** | |
| --- | --- |
| [**DragSourceDropEvent**](http://docs.google.com/java/awt/dnd/DragSourceDropEvent.html#DragSourceDropEvent(java.awt.dnd.DragSourceContext))([DragSourceContext](http://docs.google.com/java/awt/dnd/DragSourceContext.html) dsc)            Construct a DragSourceDropEvent for a drag that does not result in a drop. |
| [**DragSourceDropEvent**](http://docs.google.com/java/awt/dnd/DragSourceDropEvent.html#DragSourceDropEvent(java.awt.dnd.DragSourceContext,%20int,%20boolean))([DragSourceContext](http://docs.google.com/java/awt/dnd/DragSourceContext.html) dsc, int action, boolean success)            Construct a DragSourceDropEvent for a drop, given the DragSourceContext, the drop action, and a boolean indicating if the drop was successful. |
| [**DragSourceDropEvent**](http://docs.google.com/java/awt/dnd/DragSourceDropEvent.html#DragSourceDropEvent(java.awt.dnd.DragSourceContext,%20int,%20boolean,%20int,%20int))([DragSourceContext](http://docs.google.com/java/awt/dnd/DragSourceContext.html) dsc, int action, boolean success, int x, int y)            Construct a DragSourceDropEvent for a drop, given the DragSourceContext, the drop action, a boolean indicating if the drop was successful, and coordinates. |

| **Method Summary** | |
| --- | --- |
| int | [**getDropAction**](http://docs.google.com/java/awt/dnd/DragSourceDropEvent.html#getDropAction())()            This method returns an int representing the action performed by the target on the subject of the drop. |
| boolean | [**getDropSuccess**](http://docs.google.com/java/awt/dnd/DragSourceDropEvent.html#getDropSuccess())()            This method returns a boolean indicating if the drop was successful. |

| **Methods inherited from class java.awt.dnd.**[**DragSourceEvent**](http://docs.google.com/java/awt/dnd/DragSourceEvent.html) |
| --- |
| [getDragSourceContext](http://docs.google.com/java/awt/dnd/DragSourceEvent.html#getDragSourceContext()), [getLocation](http://docs.google.com/java/awt/dnd/DragSourceEvent.html#getLocation()), [getX](http://docs.google.com/java/awt/dnd/DragSourceEvent.html#getX()), [getY](http://docs.google.com/java/awt/dnd/DragSourceEvent.html#getY()) |

| **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()), [toString](http://docs.google.com/java/util/EventObject.html#toString()) |

| **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** |
| --- |

### DragSourceDropEvent

public **DragSourceDropEvent**([DragSourceContext](http://docs.google.com/java/awt/dnd/DragSourceContext.html) dsc,  
 int action,  
 boolean success)

Construct a DragSourceDropEvent for a drop, given the DragSourceContext, the drop action, and a boolean indicating if the drop was successful. The coordinates for this DragSourceDropEvent are not specified, so getLocation will return null for this event.

The argument action should be one of DnDConstants that represents a single action. This constructor does not throw any exception for invalid action.

**Parameters:**dsc - the DragSourceContext associated with this DragSourceDropEventaction - the drop actionsuccess - a boolean indicating if the drop was successful **Throws:** IllegalArgumentException - if dsc is null.**See Also:**[DragSourceEvent.getLocation()](http://docs.google.com/java/awt/dnd/DragSourceEvent.html#getLocation())

### DragSourceDropEvent

public **DragSourceDropEvent**([DragSourceContext](http://docs.google.com/java/awt/dnd/DragSourceContext.html) dsc,  
 int action,  
 boolean success,  
 int x,  
 int y)

Construct a DragSourceDropEvent for a drop, given the DragSourceContext, the drop action, a boolean indicating if the drop was successful, and coordinates.

The argument action should be one of DnDConstants that represents a single action. This constructor does not throw any exception for invalid action.

**Parameters:**dsc - the DragSourceContext associated with this DragSourceDropEventaction - the drop actionsuccess - a boolean indicating if the drop was successfulx - the horizontal coordinate for the cursor locationy - the vertical coordinate for the cursor location **Throws:** IllegalArgumentException - if dsc is null.**Since:** 1.4

### DragSourceDropEvent

public **DragSourceDropEvent**([DragSourceContext](http://docs.google.com/java/awt/dnd/DragSourceContext.html) dsc)

Construct a DragSourceDropEvent for a drag that does not result in a drop. The coordinates for this DragSourceDropEvent are not specified, so getLocation will return null for this event.

**Parameters:**dsc - the DragSourceContext **Throws:** IllegalArgumentException - if dsc is null.**See Also:**[DragSourceEvent.getLocation()](http://docs.google.com/java/awt/dnd/DragSourceEvent.html#getLocation())

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

### getDropSuccess

public boolean **getDropSuccess**()

This method returns a boolean indicating if the drop was successful.

**Returns:**true if the drop target accepted the drop and successfully performed a drop action; false if the drop target rejected the drop or if the drop target accepted the drop, but failed to perform a drop action.

### getDropAction

public int **getDropAction**()

This method returns an int representing the action performed by the target on the subject of the drop.

**Returns:**the action performed by the target on the subject of the drop if the drop target accepted the drop and the target drop action is supported by the drag source; otherwise, DnDConstants.ACTION\_NONE.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/DragSourceDropEvent.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/java/awt/dnd/DragSourceDragEvent.html)   [**NEXT CLASS**](http://docs.google.com/java/awt/dnd/DragSourceEvent.html) | [**FRAMES**](http://docs.google.com/index.html?java/awt/dnd/DragSourceDropEvent.html)    [**NO FRAMES**](http://docs.google.com/DragSourceDropEvent.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
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[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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