| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/ListSelectionEvent.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/ListDataListener.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/event/ListSelectionListener.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/event/ListSelectionEvent.html)    [**NO FRAMES**](http://docs.google.com/ListSelectionEvent.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#2et92p0) | [CONSTR](#tyjcwt) | [METHOD](#3dy6vkm) | DETAIL: FIELD | [CONSTR](#2s8eyo1) | [METHOD](#3rdcrjn) |

## **javax.swing.event**

Class ListSelectionEvent

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [java.util.EventObject](http://docs.google.com/java/util/EventObject.html)  
 **javax.swing.event.ListSelectionEvent**

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

public class **ListSelectionEvent**extends [EventObject](http://docs.google.com/java/util/EventObject.html)

An event that characterizes a change in selection. The change is limited to a a single inclusive interval. The selection of at least one index within the range will have changed. A decent ListSelectionModel implementation will keep the range as small as possible. ListSelectionListeners will generally query the source of the event for the new selected status of each potentially changed row.

**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).

**See Also:**[ListSelectionModel](http://docs.google.com/javax/swing/ListSelectionModel.html)

| **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** | |
| --- | --- |
| [**ListSelectionEvent**](http://docs.google.com/javax/swing/event/ListSelectionEvent.html#ListSelectionEvent(java.lang.Object,%20int,%20int,%20boolean))([Object](http://docs.google.com/java/lang/Object.html) source, int firstIndex, int lastIndex, boolean isAdjusting)            Represents a change in selection status between firstIndex and lastIndex, inclusive. |

| **Method Summary** | |
| --- | --- |
| int | [**getFirstIndex**](http://docs.google.com/javax/swing/event/ListSelectionEvent.html#getFirstIndex())()            Returns the index of the first row whose selection may have changed. |
| int | [**getLastIndex**](http://docs.google.com/javax/swing/event/ListSelectionEvent.html#getLastIndex())()            Returns the index of the last row whose selection may have changed. |
| boolean | [**getValueIsAdjusting**](http://docs.google.com/javax/swing/event/ListSelectionEvent.html#getValueIsAdjusting())()            Returns whether or not this is one in a series of multiple events, where changes are still being made. |
| [String](http://docs.google.com/java/lang/String.html) | [**toString**](http://docs.google.com/javax/swing/event/ListSelectionEvent.html#toString())()            Returns a String that displays and identifies this object's properties. |

| **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** |
| --- |

### ListSelectionEvent

public **ListSelectionEvent**([Object](http://docs.google.com/java/lang/Object.html) source,  
 int firstIndex,  
 int lastIndex,  
 boolean isAdjusting)

Represents a change in selection status between firstIndex and lastIndex, inclusive. firstIndex is less than or equal to lastIndex. The selection of at least one index within the range will have changed.

**Parameters:**firstIndex - the first index in the range, <= lastIndexlastIndex - the last index in the range, >= firstIndexisAdjusting - whether or not this is one in a series of multiple events, where changes are still being made

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

### getFirstIndex

public int **getFirstIndex**()

Returns the index of the first row whose selection may have changed. getFirstIndex() <= getLastIndex()

**Returns:**the first row whose selection value may have changed, where zero is the first row

### getLastIndex

public int **getLastIndex**()

Returns the index of the last row whose selection may have changed. getLastIndex() >= getFirstIndex()

**Returns:**the last row whose selection value may have changed, where zero is the first row

### getValueIsAdjusting

public boolean **getValueIsAdjusting**()

Returns whether or not this is one in a series of multiple events, where changes are still being made. See the documentation for [ListSelectionModel.setValueIsAdjusting(boolean)](http://docs.google.com/javax/swing/ListSelectionModel.html#setValueIsAdjusting(boolean)) for more details on how this is used.

**Returns:**true if this is one in a series of multiple events, where changes are still being made

### toString

public [String](http://docs.google.com/java/lang/String.html) **toString**()

Returns a String that displays and identifies this object's properties.

**Overrides:**[toString](http://docs.google.com/java/util/EventObject.html#toString()) in class [EventObject](http://docs.google.com/java/util/EventObject.html) **Returns:**a String representation of this 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/ListSelectionEvent.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/ListDataListener.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/event/ListSelectionListener.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/event/ListSelectionEvent.html)    [**NO FRAMES**](http://docs.google.com/ListSelectionEvent.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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