| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/SwingPropertyChangeSupport.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/RowSorterListener.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/event/TableColumnModelEvent.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/event/SwingPropertyChangeSupport.html)    [**NO FRAMES**](http://docs.google.com/SwingPropertyChangeSupport.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#1t3h5sf) | [METHOD](#17dp8vu) |

## **javax.swing.event**

Class SwingPropertyChangeSupport

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [java.beans.PropertyChangeSupport](http://docs.google.com/java/beans/PropertyChangeSupport.html)  
 **javax.swing.event.SwingPropertyChangeSupport**

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

public final class **SwingPropertyChangeSupport**extends [PropertyChangeSupport](http://docs.google.com/java/beans/PropertyChangeSupport.html)

This subclass of java.beans.PropertyChangeSupport is almost identical in functionality. The only difference is if constructed with SwingPropertyChangeSupport(sourceBean, true) it ensures listeners are only ever notified on the *Event Dispatch Thread*.

| **Constructor Summary** | |
| --- | --- |
| [**SwingPropertyChangeSupport**](http://docs.google.com/javax/swing/event/SwingPropertyChangeSupport.html#SwingPropertyChangeSupport(java.lang.Object))([Object](http://docs.google.com/java/lang/Object.html) sourceBean)            Constructs a SwingPropertyChangeSupport object. |
| [**SwingPropertyChangeSupport**](http://docs.google.com/javax/swing/event/SwingPropertyChangeSupport.html#SwingPropertyChangeSupport(java.lang.Object,%20boolean))([Object](http://docs.google.com/java/lang/Object.html) sourceBean, boolean notifyOnEDT)            Constructs a SwingPropertyChangeSupport object. |

| **Method Summary** | |
| --- | --- |
| void | [**firePropertyChange**](http://docs.google.com/javax/swing/event/SwingPropertyChangeSupport.html#firePropertyChange(java.beans.PropertyChangeEvent))([PropertyChangeEvent](http://docs.google.com/java/beans/PropertyChangeEvent.html) evt)            Fire an existing PropertyChangeEvent to any registered listeners. |
| boolean | [**isNotifyOnEDT**](http://docs.google.com/javax/swing/event/SwingPropertyChangeSupport.html#isNotifyOnEDT())()            Returns notifyOnEDT property. |

| **Methods inherited from class java.beans.**[**PropertyChangeSupport**](http://docs.google.com/java/beans/PropertyChangeSupport.html) |
| --- |
| [addPropertyChangeListener](http://docs.google.com/java/beans/PropertyChangeSupport.html#addPropertyChangeListener(java.beans.PropertyChangeListener)), [addPropertyChangeListener](http://docs.google.com/java/beans/PropertyChangeSupport.html#addPropertyChangeListener(java.lang.String,%20java.beans.PropertyChangeListener)), [fireIndexedPropertyChange](http://docs.google.com/java/beans/PropertyChangeSupport.html#fireIndexedPropertyChange(java.lang.String,%20int,%20boolean,%20boolean)), [fireIndexedPropertyChange](http://docs.google.com/java/beans/PropertyChangeSupport.html#fireIndexedPropertyChange(java.lang.String,%20int,%20int,%20int)), [fireIndexedPropertyChange](http://docs.google.com/java/beans/PropertyChangeSupport.html#fireIndexedPropertyChange(java.lang.String,%20int,%20java.lang.Object,%20java.lang.Object)), [firePropertyChange](http://docs.google.com/java/beans/PropertyChangeSupport.html#firePropertyChange(java.lang.String,%20boolean,%20boolean)), [firePropertyChange](http://docs.google.com/java/beans/PropertyChangeSupport.html#firePropertyChange(java.lang.String,%20int,%20int)), [firePropertyChange](http://docs.google.com/java/beans/PropertyChangeSupport.html#firePropertyChange(java.lang.String,%20java.lang.Object,%20java.lang.Object)), [getPropertyChangeListeners](http://docs.google.com/java/beans/PropertyChangeSupport.html#getPropertyChangeListeners()), [getPropertyChangeListeners](http://docs.google.com/java/beans/PropertyChangeSupport.html#getPropertyChangeListeners(java.lang.String)), [hasListeners](http://docs.google.com/java/beans/PropertyChangeSupport.html#hasListeners(java.lang.String)), [removePropertyChangeListener](http://docs.google.com/java/beans/PropertyChangeSupport.html#removePropertyChangeListener(java.beans.PropertyChangeListener)), [removePropertyChangeListener](http://docs.google.com/java/beans/PropertyChangeSupport.html#removePropertyChangeListener(java.lang.String,%20java.beans.PropertyChangeListener)) |

| **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** |
| --- |

### SwingPropertyChangeSupport

public **SwingPropertyChangeSupport**([Object](http://docs.google.com/java/lang/Object.html) sourceBean)

Constructs a SwingPropertyChangeSupport object.

**Parameters:**sourceBean - The bean to be given as the source for any events. **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if sourceBean is null

### SwingPropertyChangeSupport

public **SwingPropertyChangeSupport**([Object](http://docs.google.com/java/lang/Object.html) sourceBean,  
 boolean notifyOnEDT)

Constructs a SwingPropertyChangeSupport object.

**Parameters:**sourceBean - the bean to be given as the source for any eventsnotifyOnEDT - whether to notify listeners on the *Event Dispatch Thread* only **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if sourceBean is null**Since:** 1.6

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

### firePropertyChange

public void **firePropertyChange**([PropertyChangeEvent](http://docs.google.com/java/beans/PropertyChangeEvent.html) evt)

Fire an existing PropertyChangeEvent to any registered listeners. No event is fired if the given event's old and new values are equal and non-null.

If [isNotifyOnEDT()](http://docs.google.com/javax/swing/event/SwingPropertyChangeSupport.html#isNotifyOnEDT()) is true and called off the *Event Dispatch Thread* this implementation uses SwingUtilities.invokeLater to send out the notification on the *Event Dispatch Thread*. This ensures listeners are only ever notified on the *Event Dispatch Thread*.

**Overrides:**[firePropertyChange](http://docs.google.com/java/beans/PropertyChangeSupport.html#firePropertyChange(java.beans.PropertyChangeEvent)) in class [PropertyChangeSupport](http://docs.google.com/java/beans/PropertyChangeSupport.html) **Parameters:**evt - The PropertyChangeEvent object. **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if evt is null**Since:** 1.6

### isNotifyOnEDT

public final boolean **isNotifyOnEDT**()

Returns notifyOnEDT property.

**Returns:**notifyOnEDT property**Since:** 1.6 **See Also:**[SwingPropertyChangeSupport(Object sourceBean, boolean notifyOnEDT)](http://docs.google.com/javax/swing/event/SwingPropertyChangeSupport.html#SwingPropertyChangeSupport(java.lang.Object,%20boolean))

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/SwingPropertyChangeSupport.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*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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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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