| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/IndexedPropertyChangeEvent.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/beans/FeatureDescriptor.html)   [**NEXT CLASS**](http://docs.google.com/java/beans/IndexedPropertyDescriptor.html) | [**FRAMES**](http://docs.google.com/index.html?java/beans/IndexedPropertyChangeEvent.html)    [**NO FRAMES**](http://docs.google.com/IndexedPropertyChangeEvent.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#2et92p0) | [CONSTR](#tyjcwt) | [METHOD](#3dy6vkm) | DETAIL: FIELD | [CONSTR](#17dp8vu) | [METHOD](#26in1rg) |

## **java.beans**

Class IndexedPropertyChangeEvent

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [java.util.EventObject](http://docs.google.com/java/util/EventObject.html)  
 [java.beans.PropertyChangeEvent](http://docs.google.com/java/beans/PropertyChangeEvent.html)  
 **java.beans.IndexedPropertyChangeEvent**

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

public class **IndexedPropertyChangeEvent**extends [PropertyChangeEvent](http://docs.google.com/java/beans/PropertyChangeEvent.html)

An "IndexedPropertyChange" event gets delivered whenever a component that conforms to the JavaBeans specification (a "bean") changes a bound indexed property. This class is an extension of PropertyChangeEvent but contains the index of the property that has changed.

Null values may be provided for the old and the new values if their true values are not known.

An event source may send a null object as the name to indicate that an arbitrary set of if its properties have changed. In this case the old and new values should also be null.

**Since:** 1.5 **See Also:**[Serialized Form](http://docs.google.com/serialized-form.html#java.beans.IndexedPropertyChangeEvent)

| **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** | |
| --- | --- |
| [**IndexedPropertyChangeEvent**](http://docs.google.com/java/beans/IndexedPropertyChangeEvent.html#IndexedPropertyChangeEvent(java.lang.Object,%20java.lang.String,%20java.lang.Object,%20java.lang.Object,%20int))([Object](http://docs.google.com/java/lang/Object.html) source, [String](http://docs.google.com/java/lang/String.html) propertyName, [Object](http://docs.google.com/java/lang/Object.html) oldValue, [Object](http://docs.google.com/java/lang/Object.html) newValue, int index)            Constructs a new IndexedPropertyChangeEvent object. |

| **Method Summary** | |
| --- | --- |
| int | [**getIndex**](http://docs.google.com/java/beans/IndexedPropertyChangeEvent.html#getIndex())()            Gets the index of the property that was changed. |

| **Methods inherited from class java.beans.**[**PropertyChangeEvent**](http://docs.google.com/java/beans/PropertyChangeEvent.html) |
| --- |
| [getNewValue](http://docs.google.com/java/beans/PropertyChangeEvent.html#getNewValue()), [getOldValue](http://docs.google.com/java/beans/PropertyChangeEvent.html#getOldValue()), [getPropagationId](http://docs.google.com/java/beans/PropertyChangeEvent.html#getPropagationId()), [getPropertyName](http://docs.google.com/java/beans/PropertyChangeEvent.html#getPropertyName()), [setPropagationId](http://docs.google.com/java/beans/PropertyChangeEvent.html#setPropagationId(java.lang.Object)) |

| **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** |
| --- |

### IndexedPropertyChangeEvent

public **IndexedPropertyChangeEvent**([Object](http://docs.google.com/java/lang/Object.html) source,  
 [String](http://docs.google.com/java/lang/String.html) propertyName,  
 [Object](http://docs.google.com/java/lang/Object.html) oldValue,  
 [Object](http://docs.google.com/java/lang/Object.html) newValue,  
 int index)

Constructs a new IndexedPropertyChangeEvent object.

**Parameters:**source - The bean that fired the event.propertyName - The programmatic name of the property that was changed.oldValue - The old value of the property.newValue - The new value of the property.index - index of the property element that was changed.

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

### getIndex

public int **getIndex**()

Gets the index of the property that was changed.

**Returns:**The index specifying the property element that was changed.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/IndexedPropertyChangeEvent.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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| SUMMARY: NESTED | [FIELD](#2et92p0) | [CONSTR](#tyjcwt) | [METHOD](#3dy6vkm) | DETAIL: FIELD | [CONSTR](#17dp8vu) | [METHOD](#26in1rg) |

[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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