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

## **javax.swing.event**

Interface DocumentEvent.ElementChange

**All Known Implementing Classes:** [AbstractDocument.ElementEdit](http://docs.google.com/javax/swing/text/AbstractDocument.ElementEdit.html) **Enclosing interface:**[DocumentEvent](http://docs.google.com/javax/swing/event/DocumentEvent.html)

public static interface **DocumentEvent.ElementChange**

Describes changes made to a specific element.

| **Method Summary** | |
| --- | --- |
| [Element](http://docs.google.com/javax/swing/text/Element.html)[] | [**getChildrenAdded**](http://docs.google.com/javax/swing/event/DocumentEvent.ElementChange.html#getChildrenAdded())()            Gets the child elements that were added to the given parent element. |
| [Element](http://docs.google.com/javax/swing/text/Element.html)[] | [**getChildrenRemoved**](http://docs.google.com/javax/swing/event/DocumentEvent.ElementChange.html#getChildrenRemoved())()            Gets the child elements that were removed from the given parent element. |
| [Element](http://docs.google.com/javax/swing/text/Element.html) | [**getElement**](http://docs.google.com/javax/swing/event/DocumentEvent.ElementChange.html#getElement())()            Returns the element represented. |
| int | [**getIndex**](http://docs.google.com/javax/swing/event/DocumentEvent.ElementChange.html#getIndex())()            Fetches the index within the element represented. |

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

### getElement

[Element](http://docs.google.com/javax/swing/text/Element.html) **getElement**()

Returns the element represented. This is the element that was changed.

**Returns:**the element

### getIndex

int **getIndex**()

Fetches the index within the element represented. This is the location that children were added and/or removed.

**Returns:**the index >= 0

### getChildrenRemoved

[Element](http://docs.google.com/javax/swing/text/Element.html)[] **getChildrenRemoved**()

Gets the child elements that were removed from the given parent element. The element array returned is sorted in the order that the elements used to lie in the document, and must be contiguous.

**Returns:**the child elements

### getChildrenAdded

[Element](http://docs.google.com/javax/swing/text/Element.html)[] **getChildrenAdded**()

Gets the child elements that were added to the given parent element. The element array returned is in the order that the elements lie in the document, and must be contiguous.

**Returns:**the child elements

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

[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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