| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/DefaultStyledDocument.AttributeUndoableEdit.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/text/DefaultStyledDocument.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/text/DefaultStyledDocument.ElementBuffer.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/text/DefaultStyledDocument.AttributeUndoableEdit.html)    [**NO FRAMES**](http://docs.google.com/DefaultStyledDocument.AttributeUndoableEdit.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#tyjcwt) | [METHOD](#3dy6vkm) | DETAIL: [FIELD](#2s8eyo1) | [CONSTR](#35nkun2) | [METHOD](#44sinio) |

## **javax.swing.text**

Class DefaultStyledDocument.AttributeUndoableEdit

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [javax.swing.undo.AbstractUndoableEdit](http://docs.google.com/javax/swing/undo/AbstractUndoableEdit.html)  
 **javax.swing.text.DefaultStyledDocument.AttributeUndoableEdit**

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html), [UndoableEdit](http://docs.google.com/javax/swing/undo/UndoableEdit.html) **Enclosing class:**[DefaultStyledDocument](http://docs.google.com/javax/swing/text/DefaultStyledDocument.html)

public static class **DefaultStyledDocument.AttributeUndoableEdit**extends [AbstractUndoableEdit](http://docs.google.com/javax/swing/undo/AbstractUndoableEdit.html)

An UndoableEdit used to remember AttributeSet changes to an Element.

| **Field Summary** | |
| --- | --- |
| protected  [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) | [**copy**](http://docs.google.com/javax/swing/text/DefaultStyledDocument.AttributeUndoableEdit.html#copy) |
| protected  [Element](http://docs.google.com/javax/swing/text/Element.html) | [**element**](http://docs.google.com/javax/swing/text/DefaultStyledDocument.AttributeUndoableEdit.html#element) |
| protected  boolean | [**isReplacing**](http://docs.google.com/javax/swing/text/DefaultStyledDocument.AttributeUndoableEdit.html#isReplacing) |
| protected  [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) | [**newAttributes**](http://docs.google.com/javax/swing/text/DefaultStyledDocument.AttributeUndoableEdit.html#newAttributes) |

| **Fields inherited from class javax.swing.undo.**[**AbstractUndoableEdit**](http://docs.google.com/javax/swing/undo/AbstractUndoableEdit.html) |
| --- |
| [RedoName](http://docs.google.com/javax/swing/undo/AbstractUndoableEdit.html#RedoName), [UndoName](http://docs.google.com/javax/swing/undo/AbstractUndoableEdit.html#UndoName) |

| **Constructor Summary** | |
| --- | --- |
| [**DefaultStyledDocument.AttributeUndoableEdit**](http://docs.google.com/javax/swing/text/DefaultStyledDocument.AttributeUndoableEdit.html#DefaultStyledDocument.AttributeUndoableEdit(javax.swing.text.Element,%20javax.swing.text.AttributeSet,%20boolean))([Element](http://docs.google.com/javax/swing/text/Element.html) element, [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) newAttributes, boolean isReplacing) |

| **Method Summary** | |
| --- | --- |
| void | [**redo**](http://docs.google.com/javax/swing/text/DefaultStyledDocument.AttributeUndoableEdit.html#redo())()            Redoes a change. |
| void | [**undo**](http://docs.google.com/javax/swing/text/DefaultStyledDocument.AttributeUndoableEdit.html#undo())()            Undoes a change. |

| **Methods inherited from class javax.swing.undo.**[**AbstractUndoableEdit**](http://docs.google.com/javax/swing/undo/AbstractUndoableEdit.html) |
| --- |
| [addEdit](http://docs.google.com/javax/swing/undo/AbstractUndoableEdit.html#addEdit(javax.swing.undo.UndoableEdit)), [canRedo](http://docs.google.com/javax/swing/undo/AbstractUndoableEdit.html#canRedo()), [canUndo](http://docs.google.com/javax/swing/undo/AbstractUndoableEdit.html#canUndo()), [die](http://docs.google.com/javax/swing/undo/AbstractUndoableEdit.html#die()), [getPresentationName](http://docs.google.com/javax/swing/undo/AbstractUndoableEdit.html#getPresentationName()), [getRedoPresentationName](http://docs.google.com/javax/swing/undo/AbstractUndoableEdit.html#getRedoPresentationName()), [getUndoPresentationName](http://docs.google.com/javax/swing/undo/AbstractUndoableEdit.html#getUndoPresentationName()), [isSignificant](http://docs.google.com/javax/swing/undo/AbstractUndoableEdit.html#isSignificant()), [replaceEdit](http://docs.google.com/javax/swing/undo/AbstractUndoableEdit.html#replaceEdit(javax.swing.undo.UndoableEdit)), [toString](http://docs.google.com/javax/swing/undo/AbstractUndoableEdit.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)) |

| **Field Detail** |
| --- |

### newAttributes

protected [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) **newAttributes**

### copy

protected [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) **copy**

### isReplacing

protected boolean **isReplacing**

### element

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

| **Constructor Detail** |
| --- |

### DefaultStyledDocument.AttributeUndoableEdit

public **DefaultStyledDocument.AttributeUndoableEdit**([Element](http://docs.google.com/javax/swing/text/Element.html) element,  
 [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) newAttributes,  
 boolean isReplacing)

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

### redo

public void **redo**()  
 throws [CannotRedoException](http://docs.google.com/javax/swing/undo/CannotRedoException.html)

Redoes a change.

**Specified by:**[redo](http://docs.google.com/javax/swing/undo/UndoableEdit.html#redo()) in interface [UndoableEdit](http://docs.google.com/javax/swing/undo/UndoableEdit.html)**Overrides:**[redo](http://docs.google.com/javax/swing/undo/AbstractUndoableEdit.html#redo()) in class [AbstractUndoableEdit](http://docs.google.com/javax/swing/undo/AbstractUndoableEdit.html) **Throws:** [CannotRedoException](http://docs.google.com/javax/swing/undo/CannotRedoException.html) - if the change cannot be redone**See Also:**[AbstractUndoableEdit.canRedo()](http://docs.google.com/javax/swing/undo/AbstractUndoableEdit.html#canRedo())

### undo

public void **undo**()  
 throws [CannotUndoException](http://docs.google.com/javax/swing/undo/CannotUndoException.html)

Undoes a change.

**Specified by:**[undo](http://docs.google.com/javax/swing/undo/UndoableEdit.html#undo()) in interface [UndoableEdit](http://docs.google.com/javax/swing/undo/UndoableEdit.html)**Overrides:**[undo](http://docs.google.com/javax/swing/undo/AbstractUndoableEdit.html#undo()) in class [AbstractUndoableEdit](http://docs.google.com/javax/swing/undo/AbstractUndoableEdit.html) **Throws:** [CannotUndoException](http://docs.google.com/javax/swing/undo/CannotUndoException.html) - if the change cannot be undone**See Also:**[AbstractUndoableEdit.canUndo()](http://docs.google.com/javax/swing/undo/AbstractUndoableEdit.html#canUndo())

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