| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/MutableAttributeSet.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/MaskFormatter.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/text/NavigationFilter.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/text/MutableAttributeSet.html)    [**NO FRAMES**](http://docs.google.com/MutableAttributeSet.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#1t3h5sf) | DETAIL: FIELD | CONSTR | [METHOD](#2s8eyo1) |

## **javax.swing.text**

Interface MutableAttributeSet

**All Superinterfaces:** [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) **All Known Subinterfaces:** [Style](http://docs.google.com/javax/swing/text/Style.html) **All Known Implementing Classes:** [AbstractDocument.AbstractElement](http://docs.google.com/javax/swing/text/AbstractDocument.AbstractElement.html), [AbstractDocument.BranchElement](http://docs.google.com/javax/swing/text/AbstractDocument.BranchElement.html), [AbstractDocument.LeafElement](http://docs.google.com/javax/swing/text/AbstractDocument.LeafElement.html), [DefaultStyledDocument.SectionElement](http://docs.google.com/javax/swing/text/DefaultStyledDocument.SectionElement.html), [HTMLDocument.BlockElement](http://docs.google.com/javax/swing/text/html/HTMLDocument.BlockElement.html), [HTMLDocument.RunElement](http://docs.google.com/javax/swing/text/html/HTMLDocument.RunElement.html), [SimpleAttributeSet](http://docs.google.com/javax/swing/text/SimpleAttributeSet.html), [StyleContext.NamedStyle](http://docs.google.com/javax/swing/text/StyleContext.NamedStyle.html)

public interface **MutableAttributeSet**extends [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html)

A generic interface for a mutable collection of unique attributes. Implementations will probably want to provide a constructor of the form: public XXXAttributeSet(ConstAttributeSet source);

| **Nested Class Summary** | |
| --- | --- |

| **Nested classes/interfaces inherited from interface javax.swing.text.**[**AttributeSet**](http://docs.google.com/javax/swing/text/AttributeSet.html) |
| --- |
| [AttributeSet.CharacterAttribute](http://docs.google.com/javax/swing/text/AttributeSet.CharacterAttribute.html), [AttributeSet.ColorAttribute](http://docs.google.com/javax/swing/text/AttributeSet.ColorAttribute.html), [AttributeSet.FontAttribute](http://docs.google.com/javax/swing/text/AttributeSet.FontAttribute.html), [AttributeSet.ParagraphAttribute](http://docs.google.com/javax/swing/text/AttributeSet.ParagraphAttribute.html) |

| **Field Summary** | |
| --- | --- |

| **Fields inherited from interface javax.swing.text.**[**AttributeSet**](http://docs.google.com/javax/swing/text/AttributeSet.html) |
| --- |
| [NameAttribute](http://docs.google.com/javax/swing/text/AttributeSet.html#NameAttribute), [ResolveAttribute](http://docs.google.com/javax/swing/text/AttributeSet.html#ResolveAttribute) |

| **Method Summary** | |
| --- | --- |
| void | [**addAttribute**](http://docs.google.com/javax/swing/text/MutableAttributeSet.html#addAttribute(java.lang.Object,%20java.lang.Object))([Object](http://docs.google.com/java/lang/Object.html) name, [Object](http://docs.google.com/java/lang/Object.html) value)            Creates a new attribute set similar to this one except that it contains an attribute with the given name and value. |
| void | [**addAttributes**](http://docs.google.com/javax/swing/text/MutableAttributeSet.html#addAttributes(javax.swing.text.AttributeSet))([AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) attributes)            Creates a new attribute set similar to this one except that it contains the given attributes and values. |
| void | [**removeAttribute**](http://docs.google.com/javax/swing/text/MutableAttributeSet.html#removeAttribute(java.lang.Object))([Object](http://docs.google.com/java/lang/Object.html) name)            Removes an attribute with the given name. |
| void | [**removeAttributes**](http://docs.google.com/javax/swing/text/MutableAttributeSet.html#removeAttributes(javax.swing.text.AttributeSet))([AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) attributes)            Removes a set of attributes with the given name. |
| void | [**removeAttributes**](http://docs.google.com/javax/swing/text/MutableAttributeSet.html#removeAttributes(java.util.Enumeration))([Enumeration](http://docs.google.com/java/util/Enumeration.html)<?> names)            Removes an attribute set with the given names. |
| void | [**setResolveParent**](http://docs.google.com/javax/swing/text/MutableAttributeSet.html#setResolveParent(javax.swing.text.AttributeSet))([AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) parent)            Sets the resolving parent. |

| **Methods inherited from interface javax.swing.text.**[**AttributeSet**](http://docs.google.com/javax/swing/text/AttributeSet.html) |
| --- |
| [containsAttribute](http://docs.google.com/javax/swing/text/AttributeSet.html#containsAttribute(java.lang.Object,%20java.lang.Object)), [containsAttributes](http://docs.google.com/javax/swing/text/AttributeSet.html#containsAttributes(javax.swing.text.AttributeSet)), [copyAttributes](http://docs.google.com/javax/swing/text/AttributeSet.html#copyAttributes()), [getAttribute](http://docs.google.com/javax/swing/text/AttributeSet.html#getAttribute(java.lang.Object)), [getAttributeCount](http://docs.google.com/javax/swing/text/AttributeSet.html#getAttributeCount()), [getAttributeNames](http://docs.google.com/javax/swing/text/AttributeSet.html#getAttributeNames()), [getResolveParent](http://docs.google.com/javax/swing/text/AttributeSet.html#getResolveParent()), [isDefined](http://docs.google.com/javax/swing/text/AttributeSet.html#isDefined(java.lang.Object)), [isEqual](http://docs.google.com/javax/swing/text/AttributeSet.html#isEqual(javax.swing.text.AttributeSet)) |

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

### addAttribute

void **addAttribute**([Object](http://docs.google.com/java/lang/Object.html) name,  
 [Object](http://docs.google.com/java/lang/Object.html) value)

Creates a new attribute set similar to this one except that it contains an attribute with the given name and value. The object must be immutable, or not mutated by any client.

**Parameters:**name - the namevalue - the value

### addAttributes

void **addAttributes**([AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) attributes)

Creates a new attribute set similar to this one except that it contains the given attributes and values.

**Parameters:**attributes - the set of attributes

### removeAttribute

void **removeAttribute**([Object](http://docs.google.com/java/lang/Object.html) name)

Removes an attribute with the given name.

**Parameters:**name - the attribute name

### removeAttributes

void **removeAttributes**([Enumeration](http://docs.google.com/java/util/Enumeration.html)<?> names)

Removes an attribute set with the given names.

**Parameters:**names - the set of names

### removeAttributes

void **removeAttributes**([AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) attributes)

Removes a set of attributes with the given name.

**Parameters:**attributes - the set of attributes

### setResolveParent

void **setResolveParent**([AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) parent)

Sets the resolving parent. This is the set of attributes to resolve through if an attribute isn't defined locally.

**Parameters:**parent - the parent

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