| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/StyleContext.SmallAttributeSet.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/StyleContext.NamedStyle.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/text/StyledDocument.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/text/StyleContext.SmallAttributeSet.html)    [**NO FRAMES**](http://docs.google.com/StyleContext.SmallAttributeSet.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#1t3h5sf) | [METHOD](#4d34og8) | DETAIL: FIELD | [CONSTR](#17dp8vu) | [METHOD](#lnxbz9) |

## **javax.swing.text**

Class StyleContext.SmallAttributeSet

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **javax.swing.text.StyleContext.SmallAttributeSet**

**All Implemented Interfaces:** [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) **Enclosing class:**[StyleContext](http://docs.google.com/javax/swing/text/StyleContext.html)

public class **StyleContext.SmallAttributeSet**extends [Object](http://docs.google.com/java/lang/Object.html)implements [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html)

This class holds a small number of attributes in an array. The storage format is key, value, key, value, etc. The size of the set is the length of the array divided by two. By default, this is the class that will be used to store attributes when held in the compact sharable form.

| **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) |

| **Constructor Summary** | |
| --- | --- |
| [**StyleContext.SmallAttributeSet**](http://docs.google.com/javax/swing/text/StyleContext.SmallAttributeSet.html#StyleContext.SmallAttributeSet(javax.swing.text.AttributeSet))([AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) attrs) |
| [**StyleContext.SmallAttributeSet**](http://docs.google.com/javax/swing/text/StyleContext.SmallAttributeSet.html#StyleContext.SmallAttributeSet(java.lang.Object%5B%5D))([Object](http://docs.google.com/java/lang/Object.html)[] attributes) |

| **Method Summary** | |
| --- | --- |
| [Object](http://docs.google.com/java/lang/Object.html) | [**clone**](http://docs.google.com/javax/swing/text/StyleContext.SmallAttributeSet.html#clone())()            Clones a set of attributes. |
| boolean | [**containsAttribute**](http://docs.google.com/javax/swing/text/StyleContext.SmallAttributeSet.html#containsAttribute(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)            Checks whether a given attribute name/value is defined. |
| boolean | [**containsAttributes**](http://docs.google.com/javax/swing/text/StyleContext.SmallAttributeSet.html#containsAttributes(javax.swing.text.AttributeSet))([AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) attrs)            Checks whether the attribute set contains all of the given attributes. |
| [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) | [**copyAttributes**](http://docs.google.com/javax/swing/text/StyleContext.SmallAttributeSet.html#copyAttributes())()            Copies a set of attributes. |
| boolean | [**equals**](http://docs.google.com/javax/swing/text/StyleContext.SmallAttributeSet.html#equals(java.lang.Object))([Object](http://docs.google.com/java/lang/Object.html) obj)            Compares this object to the specifed object. |
| [Object](http://docs.google.com/java/lang/Object.html) | [**getAttribute**](http://docs.google.com/javax/swing/text/StyleContext.SmallAttributeSet.html#getAttribute(java.lang.Object))([Object](http://docs.google.com/java/lang/Object.html) key)            Gets the value of an attribute. |
| int | [**getAttributeCount**](http://docs.google.com/javax/swing/text/StyleContext.SmallAttributeSet.html#getAttributeCount())()            Gets the number of attributes that are defined. |
| [Enumeration](http://docs.google.com/java/util/Enumeration.html)<?> | [**getAttributeNames**](http://docs.google.com/javax/swing/text/StyleContext.SmallAttributeSet.html#getAttributeNames())()            Gets the names of all attributes. |
| [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) | [**getResolveParent**](http://docs.google.com/javax/swing/text/StyleContext.SmallAttributeSet.html#getResolveParent())()            If not overriden, the resolving parent defaults to the parent element. |
| int | [**hashCode**](http://docs.google.com/javax/swing/text/StyleContext.SmallAttributeSet.html#hashCode())()            Returns a hashcode for this set of attributes. |
| boolean | [**isDefined**](http://docs.google.com/javax/swing/text/StyleContext.SmallAttributeSet.html#isDefined(java.lang.Object))([Object](http://docs.google.com/java/lang/Object.html) key)            Checks whether a given attribute is defined. |
| boolean | [**isEqual**](http://docs.google.com/javax/swing/text/StyleContext.SmallAttributeSet.html#isEqual(javax.swing.text.AttributeSet))([AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) attr)            Checks whether two attribute sets are equal. |
| [String](http://docs.google.com/java/lang/String.html) | [**toString**](http://docs.google.com/javax/swing/text/StyleContext.SmallAttributeSet.html#toString())()            Returns a string showing the key/value pairs |

| **Methods inherited from class java.lang.**[**Object**](http://docs.google.com/java/lang/Object.html) |
| --- |
| [finalize](http://docs.google.com/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [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** |
| --- |

### StyleContext.SmallAttributeSet

public **StyleContext.SmallAttributeSet**([Object](http://docs.google.com/java/lang/Object.html)[] attributes)

### StyleContext.SmallAttributeSet

public **StyleContext.SmallAttributeSet**([AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) attrs)

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

### toString

public [String](http://docs.google.com/java/lang/String.html) **toString**()

Returns a string showing the key/value pairs

**Overrides:**[toString](http://docs.google.com/java/lang/Object.html#toString()) in class [Object](http://docs.google.com/java/lang/Object.html) **Returns:**a string representation of the object.

### hashCode

public int **hashCode**()

Returns a hashcode for this set of attributes.

**Overrides:**[hashCode](http://docs.google.com/java/lang/Object.html#hashCode()) in class [Object](http://docs.google.com/java/lang/Object.html) **Returns:**a hashcode value for this set of attributes.**See Also:**[Object.equals(java.lang.Object)](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)), [Hashtable](http://docs.google.com/java/util/Hashtable.html)

### equals

public boolean **equals**([Object](http://docs.google.com/java/lang/Object.html) obj)

Compares this object to the specifed object. The result is true if the object is an equivalent set of attributes.

**Overrides:**[equals](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)) in class [Object](http://docs.google.com/java/lang/Object.html) **Parameters:**obj - the object to compare with. **Returns:**true if the objects are equal; false otherwise.**See Also:**[Object.hashCode()](http://docs.google.com/java/lang/Object.html#hashCode()), [Hashtable](http://docs.google.com/java/util/Hashtable.html)

### clone

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

Clones a set of attributes. Since the set is immutable, a clone is basically the same set.

**Overrides:**[clone](http://docs.google.com/java/lang/Object.html#clone()) in class [Object](http://docs.google.com/java/lang/Object.html) **Returns:**the set of attributes**See Also:**[Cloneable](http://docs.google.com/java/lang/Cloneable.html)

### getAttributeCount

public int **getAttributeCount**()

Gets the number of attributes that are defined.

**Specified by:**[getAttributeCount](http://docs.google.com/javax/swing/text/AttributeSet.html#getAttributeCount()) in interface [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) **Returns:**the number of attributes**See Also:**[AttributeSet.getAttributeCount()](http://docs.google.com/javax/swing/text/AttributeSet.html#getAttributeCount())

### isDefined

public boolean **isDefined**([Object](http://docs.google.com/java/lang/Object.html) key)

Checks whether a given attribute is defined.

**Specified by:**[isDefined](http://docs.google.com/javax/swing/text/AttributeSet.html#isDefined(java.lang.Object)) in interface [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) **Parameters:**key - the attribute key **Returns:**true if the attribute is defined**See Also:**[AttributeSet.isDefined(java.lang.Object)](http://docs.google.com/javax/swing/text/AttributeSet.html#isDefined(java.lang.Object))

### isEqual

public boolean **isEqual**([AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) attr)

Checks whether two attribute sets are equal.

**Specified by:**[isEqual](http://docs.google.com/javax/swing/text/AttributeSet.html#isEqual(javax.swing.text.AttributeSet)) in interface [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) **Parameters:**attr - the attribute set to check against **Returns:**true if the same**See Also:**[AttributeSet.isEqual(javax.swing.text.AttributeSet)](http://docs.google.com/javax/swing/text/AttributeSet.html#isEqual(javax.swing.text.AttributeSet))

### copyAttributes

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

Copies a set of attributes.

**Specified by:**[copyAttributes](http://docs.google.com/javax/swing/text/AttributeSet.html#copyAttributes()) in interface [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) **Returns:**the copy**See Also:**[AttributeSet.copyAttributes()](http://docs.google.com/javax/swing/text/AttributeSet.html#copyAttributes())

### getAttribute

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

Gets the value of an attribute.

**Specified by:**[getAttribute](http://docs.google.com/javax/swing/text/AttributeSet.html#getAttribute(java.lang.Object)) in interface [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) **Parameters:**key - the attribute name **Returns:**the attribute value**See Also:**[AttributeSet.getAttribute(java.lang.Object)](http://docs.google.com/javax/swing/text/AttributeSet.html#getAttribute(java.lang.Object))

### getAttributeNames

public [Enumeration](http://docs.google.com/java/util/Enumeration.html)<?> **getAttributeNames**()

Gets the names of all attributes.

**Specified by:**[getAttributeNames](http://docs.google.com/javax/swing/text/AttributeSet.html#getAttributeNames()) in interface [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) **Returns:**the attribute names**See Also:**[AttributeSet.getAttributeNames()](http://docs.google.com/javax/swing/text/AttributeSet.html#getAttributeNames())

### containsAttribute

public boolean **containsAttribute**([Object](http://docs.google.com/java/lang/Object.html) name,  
 [Object](http://docs.google.com/java/lang/Object.html) value)

Checks whether a given attribute name/value is defined.

**Specified by:**[containsAttribute](http://docs.google.com/javax/swing/text/AttributeSet.html#containsAttribute(java.lang.Object,%20java.lang.Object)) in interface [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) **Parameters:**name - the attribute namevalue - the attribute value **Returns:**true if the name/value is defined**See Also:**[AttributeSet.containsAttribute(java.lang.Object, java.lang.Object)](http://docs.google.com/javax/swing/text/AttributeSet.html#containsAttribute(java.lang.Object,%20java.lang.Object))

### containsAttributes

public boolean **containsAttributes**([AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) attrs)

Checks whether the attribute set contains all of the given attributes.

**Specified by:**[containsAttributes](http://docs.google.com/javax/swing/text/AttributeSet.html#containsAttributes(javax.swing.text.AttributeSet)) in interface [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) **Parameters:**attrs - the attributes to check **Returns:**true if the element contains all the attributes**See Also:**[AttributeSet.containsAttributes(javax.swing.text.AttributeSet)](http://docs.google.com/javax/swing/text/AttributeSet.html#containsAttributes(javax.swing.text.AttributeSet))

### getResolveParent

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

If not overriden, the resolving parent defaults to the parent element.

**Specified by:**[getResolveParent](http://docs.google.com/javax/swing/text/AttributeSet.html#getResolveParent()) in interface [AttributeSet](http://docs.google.com/javax/swing/text/AttributeSet.html) **Returns:**the attributes from the parent**See Also:**[AttributeSet.getResolveParent()](http://docs.google.com/javax/swing/text/AttributeSet.html#getResolveParent())

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/StyleContext.SmallAttributeSet.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/StyleContext.NamedStyle.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/text/StyledDocument.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/text/StyleContext.SmallAttributeSet.html)    [**NO FRAMES**](http://docs.google.com/StyleContext.SmallAttributeSet.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#1t3h5sf) | [METHOD](#4d34og8) | DETAIL: FIELD | [CONSTR](#17dp8vu) | [METHOD](#lnxbz9) |

[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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