| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/AttributedCharacterIterator.Attribute.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/text/AttributedCharacterIterator.html)   [**NEXT CLASS**](http://docs.google.com/java/text/AttributedString.html) | [**FRAMES**](http://docs.google.com/index.html?java/text/AttributedCharacterIterator.Attribute.html)    [**NO FRAMES**](http://docs.google.com/AttributedCharacterIterator.Attribute.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: [FIELD](#1t3h5sf) | [CONSTR](#3rdcrjn) | [METHOD](#lnxbz9) |

## **java.text**

Class AttributedCharacterIterator.Attribute

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **java.text.AttributedCharacterIterator.Attribute**

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html) **Direct Known Subclasses:** [Format.Field](http://docs.google.com/java/text/Format.Field.html), [TextAttribute](http://docs.google.com/java/awt/font/TextAttribute.html) **Enclosing interface:**[AttributedCharacterIterator](http://docs.google.com/java/text/AttributedCharacterIterator.html)

public static class **AttributedCharacterIterator.Attribute**extends [Object](http://docs.google.com/java/lang/Object.html)implements [Serializable](http://docs.google.com/java/io/Serializable.html)

Defines attribute keys that are used to identify text attributes. These keys are used in AttributedCharacterIterator and AttributedString.

**Since:** 1.2 **See Also:**[AttributedCharacterIterator](http://docs.google.com/java/text/AttributedCharacterIterator.html), [AttributedString](http://docs.google.com/java/text/AttributedString.html), [Serialized Form](http://docs.google.com/serialized-form.html#java.text.AttributedCharacterIterator.Attribute)

| **Field Summary** | |
| --- | --- |
| static [AttributedCharacterIterator.Attribute](http://docs.google.com/java/text/AttributedCharacterIterator.Attribute.html) | [**INPUT\_METHOD\_SEGMENT**](http://docs.google.com/java/text/AttributedCharacterIterator.Attribute.html#INPUT_METHOD_SEGMENT)            Attribute key for input method segments. |
| static [AttributedCharacterIterator.Attribute](http://docs.google.com/java/text/AttributedCharacterIterator.Attribute.html) | [**LANGUAGE**](http://docs.google.com/java/text/AttributedCharacterIterator.Attribute.html#LANGUAGE)            Attribute key for the language of some text. |
| static [AttributedCharacterIterator.Attribute](http://docs.google.com/java/text/AttributedCharacterIterator.Attribute.html) | [**READING**](http://docs.google.com/java/text/AttributedCharacterIterator.Attribute.html#READING)            Attribute key for the reading of some text. |

| **Constructor Summary** | |
| --- | --- |
| protected | [**AttributedCharacterIterator.Attribute**](http://docs.google.com/java/text/AttributedCharacterIterator.Attribute.html#AttributedCharacterIterator.Attribute(java.lang.String))([String](http://docs.google.com/java/lang/String.html) name)            Constructs an Attribute with the given name. |

| **Method Summary** | |
| --- | --- |
| boolean | [**equals**](http://docs.google.com/java/text/AttributedCharacterIterator.Attribute.html#equals(java.lang.Object))([Object](http://docs.google.com/java/lang/Object.html) obj)            Compares two objects for equality. |
| protected  [String](http://docs.google.com/java/lang/String.html) | [**getName**](http://docs.google.com/java/text/AttributedCharacterIterator.Attribute.html#getName())()            Returns the name of the attribute. |
| int | [**hashCode**](http://docs.google.com/java/text/AttributedCharacterIterator.Attribute.html#hashCode())()            Returns a hash code value for the object. |
| protected  [Object](http://docs.google.com/java/lang/Object.html) | [**readResolve**](http://docs.google.com/java/text/AttributedCharacterIterator.Attribute.html#readResolve())()            Resolves instances being deserialized to the predefined constants. |
| [String](http://docs.google.com/java/lang/String.html) | [**toString**](http://docs.google.com/java/text/AttributedCharacterIterator.Attribute.html#toString())()            Returns a string representation of the object. |

| **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()), [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)) |

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

### LANGUAGE

public static final [AttributedCharacterIterator.Attribute](http://docs.google.com/java/text/AttributedCharacterIterator.Attribute.html) **LANGUAGE**

Attribute key for the language of some text.

Values are instances of Locale.

**See Also:**[Locale](http://docs.google.com/java/util/Locale.html)

### READING

public static final [AttributedCharacterIterator.Attribute](http://docs.google.com/java/text/AttributedCharacterIterator.Attribute.html) **READING**

Attribute key for the reading of some text. In languages where the written form and the pronunciation of a word are only loosely related (such as Japanese), it is often necessary to store the reading (pronunciation) along with the written form.

Values are instances of Annotation holding instances of String.

**See Also:**[Annotation](http://docs.google.com/java/text/Annotation.html), [String](http://docs.google.com/java/lang/String.html)

### INPUT\_METHOD\_SEGMENT

public static final [AttributedCharacterIterator.Attribute](http://docs.google.com/java/text/AttributedCharacterIterator.Attribute.html) **INPUT\_METHOD\_SEGMENT**

Attribute key for input method segments. Input methods often break up text into segments, which usually correspond to words.

Values are instances of Annotation holding a null reference.

**See Also:**[Annotation](http://docs.google.com/java/text/Annotation.html)

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

### AttributedCharacterIterator.Attribute

protected **AttributedCharacterIterator.Attribute**([String](http://docs.google.com/java/lang/String.html) name)

Constructs an Attribute with the given name.

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

### equals

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

Compares two objects for equality. This version only returns true for x.equals(y) if x and y refer to the same object, and guarantees this for all subclasses.

**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 reference object with which to compare. **Returns:**true if this object is the same as the obj argument; false otherwise.**See Also:**[Object.hashCode()](http://docs.google.com/java/lang/Object.html#hashCode()), [Hashtable](http://docs.google.com/java/util/Hashtable.html)

### hashCode

public final int **hashCode**()

Returns a hash code value for the object. This version is identical to the one in Object, but is also final.

**Overrides:**[hashCode](http://docs.google.com/java/lang/Object.html#hashCode()) in class [Object](http://docs.google.com/java/lang/Object.html) **Returns:**a hash code value for this object.**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)

### toString

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

Returns a string representation of the object. This version returns the concatenation of class name, "(", a name identifying the attribute and ")".

**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.

### getName

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

Returns the name of the attribute.

### readResolve

protected [Object](http://docs.google.com/java/lang/Object.html) **readResolve**()  
 throws [InvalidObjectException](http://docs.google.com/java/io/InvalidObjectException.html)

Resolves instances being deserialized to the predefined constants.

**Throws:** [InvalidObjectException](http://docs.google.com/java/io/InvalidObjectException.html)

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