| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/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   [**NEXT CLASS**](http://docs.google.com/javax/xml/stream/events/Characters.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/stream/events/Attribute.html)    [**NO FRAMES**](http://docs.google.com/Attribute.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#tyjcwt) | DETAIL: FIELD | CONSTR | [METHOD](#1t3h5sf) |

## **javax.xml.stream.events**

Interface Attribute

**All Superinterfaces:** [XMLEvent](http://docs.google.com/javax/xml/stream/events/XMLEvent.html), [XMLStreamConstants](http://docs.google.com/javax/xml/stream/XMLStreamConstants.html) **All Known Subinterfaces:** [Namespace](http://docs.google.com/javax/xml/stream/events/Namespace.html)

public interface **Attribute**extends [XMLEvent](http://docs.google.com/javax/xml/stream/events/XMLEvent.html)

An interface that contains information about an attribute. Attributes are reported as a set of events accessible from a StartElement. Other applications may report Attributes as first-order events, for example as the results of an XPath expression.

**Since:** 1.6 **See Also:**[StartElement](http://docs.google.com/javax/xml/stream/events/StartElement.html)

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

| **Fields inherited from interface javax.xml.stream.**[**XMLStreamConstants**](http://docs.google.com/javax/xml/stream/XMLStreamConstants.html) |
| --- |
| [ATTRIBUTE](http://docs.google.com/javax/xml/stream/XMLStreamConstants.html#ATTRIBUTE), [CDATA](http://docs.google.com/javax/xml/stream/XMLStreamConstants.html#CDATA), [CHARACTERS](http://docs.google.com/javax/xml/stream/XMLStreamConstants.html#CHARACTERS), [COMMENT](http://docs.google.com/javax/xml/stream/XMLStreamConstants.html#COMMENT), [DTD](http://docs.google.com/javax/xml/stream/XMLStreamConstants.html#DTD), [END\_DOCUMENT](http://docs.google.com/javax/xml/stream/XMLStreamConstants.html#END_DOCUMENT), [END\_ELEMENT](http://docs.google.com/javax/xml/stream/XMLStreamConstants.html#END_ELEMENT), [ENTITY\_DECLARATION](http://docs.google.com/javax/xml/stream/XMLStreamConstants.html#ENTITY_DECLARATION), [ENTITY\_REFERENCE](http://docs.google.com/javax/xml/stream/XMLStreamConstants.html#ENTITY_REFERENCE), [NAMESPACE](http://docs.google.com/javax/xml/stream/XMLStreamConstants.html#NAMESPACE), [NOTATION\_DECLARATION](http://docs.google.com/javax/xml/stream/XMLStreamConstants.html#NOTATION_DECLARATION), [PROCESSING\_INSTRUCTION](http://docs.google.com/javax/xml/stream/XMLStreamConstants.html#PROCESSING_INSTRUCTION), [SPACE](http://docs.google.com/javax/xml/stream/XMLStreamConstants.html#SPACE), [START\_DOCUMENT](http://docs.google.com/javax/xml/stream/XMLStreamConstants.html#START_DOCUMENT), [START\_ELEMENT](http://docs.google.com/javax/xml/stream/XMLStreamConstants.html#START_ELEMENT) |

| **Method Summary** | |
| --- | --- |
| [String](http://docs.google.com/java/lang/String.html) | [**getDTDType**](http://docs.google.com/javax/xml/stream/events/Attribute.html#getDTDType())()            Gets the type of this attribute, default is the String "CDATA" |
| [QName](http://docs.google.com/javax/xml/namespace/QName.html) | [**getName**](http://docs.google.com/javax/xml/stream/events/Attribute.html#getName())()            Returns the QName for this attribute |
| [String](http://docs.google.com/java/lang/String.html) | [**getValue**](http://docs.google.com/javax/xml/stream/events/Attribute.html#getValue())()            Gets the normalized value of this attribute |
| boolean | [**isSpecified**](http://docs.google.com/javax/xml/stream/events/Attribute.html#isSpecified())()            A flag indicating whether this attribute was actually specified in the start-tag of its element, or was defaulted from the schema. |

| **Methods inherited from interface javax.xml.stream.events.**[**XMLEvent**](http://docs.google.com/javax/xml/stream/events/XMLEvent.html) |
| --- |
| [asCharacters](http://docs.google.com/javax/xml/stream/events/XMLEvent.html#asCharacters()), [asEndElement](http://docs.google.com/javax/xml/stream/events/XMLEvent.html#asEndElement()), [asStartElement](http://docs.google.com/javax/xml/stream/events/XMLEvent.html#asStartElement()), [getEventType](http://docs.google.com/javax/xml/stream/events/XMLEvent.html#getEventType()), [getLocation](http://docs.google.com/javax/xml/stream/events/XMLEvent.html#getLocation()), [getSchemaType](http://docs.google.com/javax/xml/stream/events/XMLEvent.html#getSchemaType()), [isAttribute](http://docs.google.com/javax/xml/stream/events/XMLEvent.html#isAttribute()), [isCharacters](http://docs.google.com/javax/xml/stream/events/XMLEvent.html#isCharacters()), [isEndDocument](http://docs.google.com/javax/xml/stream/events/XMLEvent.html#isEndDocument()), [isEndElement](http://docs.google.com/javax/xml/stream/events/XMLEvent.html#isEndElement()), [isEntityReference](http://docs.google.com/javax/xml/stream/events/XMLEvent.html#isEntityReference()), [isNamespace](http://docs.google.com/javax/xml/stream/events/XMLEvent.html#isNamespace()), [isProcessingInstruction](http://docs.google.com/javax/xml/stream/events/XMLEvent.html#isProcessingInstruction()), [isStartDocument](http://docs.google.com/javax/xml/stream/events/XMLEvent.html#isStartDocument()), [isStartElement](http://docs.google.com/javax/xml/stream/events/XMLEvent.html#isStartElement()), [writeAsEncodedUnicode](http://docs.google.com/javax/xml/stream/events/XMLEvent.html#writeAsEncodedUnicode(java.io.Writer)) |

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

### getName

[QName](http://docs.google.com/javax/xml/namespace/QName.html) **getName**()

Returns the QName for this attribute

### getValue

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

Gets the normalized value of this attribute

### getDTDType

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

Gets the type of this attribute, default is the String "CDATA"

**Returns:**the type as a String, default is "CDATA"

### isSpecified

boolean **isSpecified**()

A flag indicating whether this attribute was actually specified in the start-tag of its element, or was defaulted from the schema.

**Returns:**returns true if this was specified in the start element

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/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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| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#tyjcwt) | DETAIL: FIELD | CONSTR | [METHOD](#1t3h5sf) |

[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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