| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/Characters.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/xml/stream/events/Attribute.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/stream/events/Comment.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/stream/events/Characters.html)    [**NO FRAMES**](http://docs.google.com/Characters.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 Characters

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

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

This describes the interface to Characters events. All text events get reported as Characters events. Content, CData and whitespace are all reported as Characters events. IgnorableWhitespace, in most cases, will be set to false unless an element declaration of element content is present for the current element.

**Since:** 1.6

| **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) | [**getData**](http://docs.google.com/javax/xml/stream/events/Characters.html#getData())()            Get the character data of this event |
| boolean | [**isCData**](http://docs.google.com/javax/xml/stream/events/Characters.html#isCData())()            Returns true if this is a CData section. |
| boolean | [**isIgnorableWhiteSpace**](http://docs.google.com/javax/xml/stream/events/Characters.html#isIgnorableWhiteSpace())()            Return true if this is ignorableWhiteSpace. |
| boolean | [**isWhiteSpace**](http://docs.google.com/javax/xml/stream/events/Characters.html#isWhiteSpace())()            Returns true if this set of Characters is all whitespace. |

| **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** |
| --- |

### getData

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

Get the character data of this event

### isWhiteSpace

boolean **isWhiteSpace**()

Returns true if this set of Characters is all whitespace. Whitespace inside a document is reported as CHARACTERS. This method allows checking of CHARACTERS events to see if they are composed of only whitespace characters

### isCData

boolean **isCData**()

Returns true if this is a CData section. If this event is CData its event type will be CDATA If javax.xml.stream.isCoalescing is set to true CDATA Sections that are surrounded by non CDATA characters will be reported as a single Characters event. This method will return false in this case.

### isIgnorableWhiteSpace

boolean **isIgnorableWhiteSpace**()

Return true if this is ignorableWhiteSpace. If this event is ignorableWhiteSpace its event type will be SPACE.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/Characters.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/xml/stream/events/Attribute.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/stream/events/Comment.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/stream/events/Characters.html)    [**NO FRAMES**](http://docs.google.com/Characters.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| 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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