| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/javax/xml/stream/XMLEventReader.html) | **Use** | [**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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| PREV   NEXT | [**FRAMES**](http://docs.google.com/index.html?javax/xml/stream//class-useXMLEventReader.html)    [**NO FRAMES**](http://docs.google.com/XMLEventReader.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Interface**

**javax.xml.stream.XMLEventReader**

| Packages that use [XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) | |
| --- | --- |
| [**javax.xml.bind**](#3znysh7) | Provides a runtime binding framework for client applications including unmarshalling, marshalling, and validation capabilities. |
| [**javax.xml.bind.helpers**](#2et92p0) | **JAXB Provider Use Only:** Provides partial default implementations for some of the javax.xml.bind interfaces. |
| [**javax.xml.stream**](#tyjcwt) |  |
| [**javax.xml.stream.util**](#3dy6vkm) |  |
| [**javax.xml.transform.stax**](#1t3h5sf) | Provides for StAX-specific transformation APIs. |

| Uses of [XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) in [javax.xml.bind](http://docs.google.com/javax/xml/bind/package-summary.html) | |
| --- | --- |

| Methods in [javax.xml.bind](http://docs.google.com/javax/xml/bind/package-summary.html) with parameters of type [XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) | |
| --- | --- |
| [Object](http://docs.google.com/java/lang/Object.html) | **Unmarshaller.**[**unmarshal**](http://docs.google.com/javax/xml/bind/Unmarshaller.html#unmarshal(javax.xml.stream.XMLEventReader))([XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) reader)            Unmarshal XML data from the specified pull parser and return the resulting content tree. |
| | <T> [JAXBElement](http://docs.google.com/javax/xml/bind/JAXBElement.html)<T> | | --- | | **Unmarshaller.**[**unmarshal**](http://docs.google.com/javax/xml/bind/Unmarshaller.html#unmarshal(javax.xml.stream.XMLEventReader,%20java.lang.Class))([XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) reader, [Class](http://docs.google.com/java/lang/Class.html)<T> declaredType)            Unmarshal root element to JAXB mapped declaredType and return the resulting content tree. |

| Uses of [XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) in [javax.xml.bind.helpers](http://docs.google.com/javax/xml/bind/helpers/package-summary.html) | |
| --- | --- |

| Methods in [javax.xml.bind.helpers](http://docs.google.com/javax/xml/bind/helpers/package-summary.html) with parameters of type [XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) | |
| --- | --- |
| [Object](http://docs.google.com/java/lang/Object.html) | **AbstractUnmarshallerImpl.**[**unmarshal**](http://docs.google.com/javax/xml/bind/helpers/AbstractUnmarshallerImpl.html#unmarshal(javax.xml.stream.XMLEventReader))([XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) reader) |
| | <T> [JAXBElement](http://docs.google.com/javax/xml/bind/JAXBElement.html)<T> | | --- | | **AbstractUnmarshallerImpl.**[**unmarshal**](http://docs.google.com/javax/xml/bind/helpers/AbstractUnmarshallerImpl.html#unmarshal(javax.xml.stream.XMLEventReader,%20java.lang.Class))([XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) reader, [Class](http://docs.google.com/java/lang/Class.html)<T> expectedType) |

| Uses of [XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) in [javax.xml.stream](http://docs.google.com/javax/xml/stream/package-summary.html) | |
| --- | --- |

| Methods in [javax.xml.stream](http://docs.google.com/javax/xml/stream/package-summary.html) that return [XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) | |
| --- | --- |
| abstract  [XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) | **XMLInputFactory.**[**createFilteredReader**](http://docs.google.com/javax/xml/stream/XMLInputFactory.html#createFilteredReader(javax.xml.stream.XMLEventReader,%20javax.xml.stream.EventFilter))([XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) reader, [EventFilter](http://docs.google.com/javax/xml/stream/EventFilter.html) filter)            Create a filtered event reader that wraps the filter around the event reader |
| abstract  [XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) | **XMLInputFactory.**[**createXMLEventReader**](http://docs.google.com/javax/xml/stream/XMLInputFactory.html#createXMLEventReader(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) stream)            Create a new XMLEventReader from a java.io.InputStream |
| abstract  [XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) | **XMLInputFactory.**[**createXMLEventReader**](http://docs.google.com/javax/xml/stream/XMLInputFactory.html#createXMLEventReader(java.io.InputStream,%20java.lang.String))([InputStream](http://docs.google.com/java/io/InputStream.html) stream, [String](http://docs.google.com/java/lang/String.html) encoding)            Create a new XMLEventReader from a java.io.InputStream |
| abstract  [XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) | **XMLInputFactory.**[**createXMLEventReader**](http://docs.google.com/javax/xml/stream/XMLInputFactory.html#createXMLEventReader(java.io.Reader))([Reader](http://docs.google.com/java/io/Reader.html) reader)            Create a new XMLEventReader from a reader |
| abstract  [XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) | **XMLInputFactory.**[**createXMLEventReader**](http://docs.google.com/javax/xml/stream/XMLInputFactory.html#createXMLEventReader(javax.xml.transform.Source))([Source](http://docs.google.com/javax/xml/transform/Source.html) source)            Create a new XMLEventReader from a JAXP source. |
| abstract  [XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) | **XMLInputFactory.**[**createXMLEventReader**](http://docs.google.com/javax/xml/stream/XMLInputFactory.html#createXMLEventReader(java.lang.String,%20java.io.InputStream))([String](http://docs.google.com/java/lang/String.html) systemId, [InputStream](http://docs.google.com/java/io/InputStream.html) stream)            Create a new XMLEventReader from a java.io.InputStream |
| abstract  [XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) | **XMLInputFactory.**[**createXMLEventReader**](http://docs.google.com/javax/xml/stream/XMLInputFactory.html#createXMLEventReader(java.lang.String,%20java.io.Reader))([String](http://docs.google.com/java/lang/String.html) systemId, [Reader](http://docs.google.com/java/io/Reader.html) reader)            Create a new XMLEventReader from a reader |
| abstract  [XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) | **XMLInputFactory.**[**createXMLEventReader**](http://docs.google.com/javax/xml/stream/XMLInputFactory.html#createXMLEventReader(javax.xml.stream.XMLStreamReader))([XMLStreamReader](http://docs.google.com/javax/xml/stream/XMLStreamReader.html) reader)            Create a new XMLEventReader from an XMLStreamReader. |

| Methods in [javax.xml.stream](http://docs.google.com/javax/xml/stream/package-summary.html) with parameters of type [XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) | |
| --- | --- |
| void | **XMLEventWriter.**[**add**](http://docs.google.com/javax/xml/stream/XMLEventWriter.html#add(javax.xml.stream.XMLEventReader))([XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) reader)            Adds an entire stream to an output stream, calls next() on the inputStream argument until hasNext() returns false This should be treated as a convenience method that will perform the following loop over all the events in an event reader and call add on each event. |
| abstract  [XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) | **XMLInputFactory.**[**createFilteredReader**](http://docs.google.com/javax/xml/stream/XMLInputFactory.html#createFilteredReader(javax.xml.stream.XMLEventReader,%20javax.xml.stream.EventFilter))([XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) reader, [EventFilter](http://docs.google.com/javax/xml/stream/EventFilter.html) filter)            Create a filtered event reader that wraps the filter around the event reader |

| Uses of [XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) in [javax.xml.stream.util](http://docs.google.com/javax/xml/stream/util/package-summary.html) | |
| --- | --- |

| Classes in [javax.xml.stream.util](http://docs.google.com/javax/xml/stream/util/package-summary.html) that implement [XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) | |
| --- | --- |
| class | [**EventReaderDelegate**](http://docs.google.com/javax/xml/stream/util/EventReaderDelegate.html)            This is the base class for deriving an XMLEventReader filter. |

| Methods in [javax.xml.stream.util](http://docs.google.com/javax/xml/stream/util/package-summary.html) that return [XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) | |
| --- | --- |
| [XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) | **EventReaderDelegate.**[**getParent**](http://docs.google.com/javax/xml/stream/util/EventReaderDelegate.html#getParent())()            Get the parent of this instance. |

| Methods in [javax.xml.stream.util](http://docs.google.com/javax/xml/stream/util/package-summary.html) with parameters of type [XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) | |
| --- | --- |
| void | **EventReaderDelegate.**[**setParent**](http://docs.google.com/javax/xml/stream/util/EventReaderDelegate.html#setParent(javax.xml.stream.XMLEventReader))([XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) reader)            Set the parent of this instance. |

| Constructors in [javax.xml.stream.util](http://docs.google.com/javax/xml/stream/util/package-summary.html) with parameters of type [XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) | |
| --- | --- |
| [**EventReaderDelegate**](http://docs.google.com/javax/xml/stream/util/EventReaderDelegate.html#EventReaderDelegate(javax.xml.stream.XMLEventReader))([XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) reader)            Construct an filter with the specified parent. |

| Uses of [XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) in [javax.xml.transform.stax](http://docs.google.com/javax/xml/transform/stax/package-summary.html) | |
| --- | --- |

| Methods in [javax.xml.transform.stax](http://docs.google.com/javax/xml/transform/stax/package-summary.html) that return [XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) | |
| --- | --- |
| [XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) | **StAXSource.**[**getXMLEventReader**](http://docs.google.com/javax/xml/transform/stax/StAXSource.html#getXMLEventReader())()            Get the XMLEventReader used by this StAXSource. |

| Constructors in [javax.xml.transform.stax](http://docs.google.com/javax/xml/transform/stax/package-summary.html) with parameters of type [XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) | |
| --- | --- |
| [**StAXSource**](http://docs.google.com/javax/xml/transform/stax/StAXSource.html#StAXSource(javax.xml.stream.XMLEventReader))([XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) xmlEventReader)            Creates a new instance of a StAXSource by supplying an [XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html). |

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

[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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