| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/javax/xml/stream/XMLStreamReader.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-useXMLStreamReader.html)    [**NO FRAMES**](http://docs.google.com/XMLStreamReader.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Interface**

**javax.xml.stream.XMLStreamReader**

| Packages that use [XMLStreamReader](http://docs.google.com/javax/xml/stream/XMLStreamReader.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 [XMLStreamReader](http://docs.google.com/javax/xml/stream/XMLStreamReader.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 [XMLStreamReader](http://docs.google.com/javax/xml/stream/XMLStreamReader.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.XMLStreamReader))([XMLStreamReader](http://docs.google.com/javax/xml/stream/XMLStreamReader.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.XMLStreamReader,%20java.lang.Class))([XMLStreamReader](http://docs.google.com/javax/xml/stream/XMLStreamReader.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 [XMLStreamReader](http://docs.google.com/javax/xml/stream/XMLStreamReader.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 [XMLStreamReader](http://docs.google.com/javax/xml/stream/XMLStreamReader.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.XMLStreamReader))([XMLStreamReader](http://docs.google.com/javax/xml/stream/XMLStreamReader.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.XMLStreamReader,%20java.lang.Class))([XMLStreamReader](http://docs.google.com/javax/xml/stream/XMLStreamReader.html) reader, [Class](http://docs.google.com/java/lang/Class.html)<T> expectedType) |

| Uses of [XMLStreamReader](http://docs.google.com/javax/xml/stream/XMLStreamReader.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 [XMLStreamReader](http://docs.google.com/javax/xml/stream/XMLStreamReader.html) | |
| --- | --- |
| abstract  [XMLStreamReader](http://docs.google.com/javax/xml/stream/XMLStreamReader.html) | **XMLInputFactory.**[**createFilteredReader**](http://docs.google.com/javax/xml/stream/XMLInputFactory.html#createFilteredReader(javax.xml.stream.XMLStreamReader,%20javax.xml.stream.StreamFilter))([XMLStreamReader](http://docs.google.com/javax/xml/stream/XMLStreamReader.html) reader, [StreamFilter](http://docs.google.com/javax/xml/stream/StreamFilter.html) filter)            Create a filtered reader that wraps the filter around the reader |
| abstract  [XMLStreamReader](http://docs.google.com/javax/xml/stream/XMLStreamReader.html) | **XMLInputFactory.**[**createXMLStreamReader**](http://docs.google.com/javax/xml/stream/XMLInputFactory.html#createXMLStreamReader(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) stream)            Create a new XMLStreamReader from a java.io.InputStream |
| abstract  [XMLStreamReader](http://docs.google.com/javax/xml/stream/XMLStreamReader.html) | **XMLInputFactory.**[**createXMLStreamReader**](http://docs.google.com/javax/xml/stream/XMLInputFactory.html#createXMLStreamReader(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 XMLStreamReader from a java.io.InputStream |
| abstract  [XMLStreamReader](http://docs.google.com/javax/xml/stream/XMLStreamReader.html) | **XMLInputFactory.**[**createXMLStreamReader**](http://docs.google.com/javax/xml/stream/XMLInputFactory.html#createXMLStreamReader(java.io.Reader))([Reader](http://docs.google.com/java/io/Reader.html) reader)            Create a new XMLStreamReader from a reader |
| abstract  [XMLStreamReader](http://docs.google.com/javax/xml/stream/XMLStreamReader.html) | **XMLInputFactory.**[**createXMLStreamReader**](http://docs.google.com/javax/xml/stream/XMLInputFactory.html#createXMLStreamReader(javax.xml.transform.Source))([Source](http://docs.google.com/javax/xml/transform/Source.html) source)            Create a new XMLStreamReader from a JAXP source. |
| abstract  [XMLStreamReader](http://docs.google.com/javax/xml/stream/XMLStreamReader.html) | **XMLInputFactory.**[**createXMLStreamReader**](http://docs.google.com/javax/xml/stream/XMLInputFactory.html#createXMLStreamReader(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 XMLStreamReader from a java.io.InputStream |
| abstract  [XMLStreamReader](http://docs.google.com/javax/xml/stream/XMLStreamReader.html) | **XMLInputFactory.**[**createXMLStreamReader**](http://docs.google.com/javax/xml/stream/XMLInputFactory.html#createXMLStreamReader(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 XMLStreamReader from a java.io.InputStream |

| Methods in [javax.xml.stream](http://docs.google.com/javax/xml/stream/package-summary.html) with parameters of type [XMLStreamReader](http://docs.google.com/javax/xml/stream/XMLStreamReader.html) | |
| --- | --- |
| boolean | **StreamFilter.**[**accept**](http://docs.google.com/javax/xml/stream/StreamFilter.html#accept(javax.xml.stream.XMLStreamReader))([XMLStreamReader](http://docs.google.com/javax/xml/stream/XMLStreamReader.html) reader)            Tests whether the current state is part of this stream. |
| abstract  [XMLStreamReader](http://docs.google.com/javax/xml/stream/XMLStreamReader.html) | **XMLInputFactory.**[**createFilteredReader**](http://docs.google.com/javax/xml/stream/XMLInputFactory.html#createFilteredReader(javax.xml.stream.XMLStreamReader,%20javax.xml.stream.StreamFilter))([XMLStreamReader](http://docs.google.com/javax/xml/stream/XMLStreamReader.html) reader, [StreamFilter](http://docs.google.com/javax/xml/stream/StreamFilter.html) filter)            Create a filtered reader that wraps the filter around the 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. |

| Uses of [XMLStreamReader](http://docs.google.com/javax/xml/stream/XMLStreamReader.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 [XMLStreamReader](http://docs.google.com/javax/xml/stream/XMLStreamReader.html) | |
| --- | --- |
| class | [**StreamReaderDelegate**](http://docs.google.com/javax/xml/stream/util/StreamReaderDelegate.html)            This is the base class for deriving an XMLStreamReader filter This class is designed to sit between an XMLStreamReader and an application's XMLStreamReader. |

| Methods in [javax.xml.stream.util](http://docs.google.com/javax/xml/stream/util/package-summary.html) that return [XMLStreamReader](http://docs.google.com/javax/xml/stream/XMLStreamReader.html) | |
| --- | --- |
| [XMLStreamReader](http://docs.google.com/javax/xml/stream/XMLStreamReader.html) | **StreamReaderDelegate.**[**getParent**](http://docs.google.com/javax/xml/stream/util/StreamReaderDelegate.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 [XMLStreamReader](http://docs.google.com/javax/xml/stream/XMLStreamReader.html) | |
| --- | --- |
| [XMLEvent](http://docs.google.com/javax/xml/stream/events/XMLEvent.html) | **XMLEventAllocator.**[**allocate**](http://docs.google.com/javax/xml/stream/util/XMLEventAllocator.html#allocate(javax.xml.stream.XMLStreamReader))([XMLStreamReader](http://docs.google.com/javax/xml/stream/XMLStreamReader.html) reader)            This method allocates an event given the current state of the XMLStreamReader. |
| void | **XMLEventAllocator.**[**allocate**](http://docs.google.com/javax/xml/stream/util/XMLEventAllocator.html#allocate(javax.xml.stream.XMLStreamReader,%20javax.xml.stream.util.XMLEventConsumer))([XMLStreamReader](http://docs.google.com/javax/xml/stream/XMLStreamReader.html) reader, [XMLEventConsumer](http://docs.google.com/javax/xml/stream/util/XMLEventConsumer.html) consumer)            This method allocates an event or set of events given the current state of the XMLStreamReader and adds the event or set of events to the consumer that was passed in. |
| void | **StreamReaderDelegate.**[**setParent**](http://docs.google.com/javax/xml/stream/util/StreamReaderDelegate.html#setParent(javax.xml.stream.XMLStreamReader))([XMLStreamReader](http://docs.google.com/javax/xml/stream/XMLStreamReader.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 [XMLStreamReader](http://docs.google.com/javax/xml/stream/XMLStreamReader.html) | |
| --- | --- |
| [**StreamReaderDelegate**](http://docs.google.com/javax/xml/stream/util/StreamReaderDelegate.html#StreamReaderDelegate(javax.xml.stream.XMLStreamReader))([XMLStreamReader](http://docs.google.com/javax/xml/stream/XMLStreamReader.html) reader)            Construct an filter with the specified parent. |

| Uses of [XMLStreamReader](http://docs.google.com/javax/xml/stream/XMLStreamReader.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 [XMLStreamReader](http://docs.google.com/javax/xml/stream/XMLStreamReader.html) | |
| --- | --- |
| [XMLStreamReader](http://docs.google.com/javax/xml/stream/XMLStreamReader.html) | **StAXSource.**[**getXMLStreamReader**](http://docs.google.com/javax/xml/transform/stax/StAXSource.html#getXMLStreamReader())()            Get the XMLStreamReader 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 [XMLStreamReader](http://docs.google.com/javax/xml/stream/XMLStreamReader.html) | |
| --- | --- |
| [**StAXSource**](http://docs.google.com/javax/xml/transform/stax/StAXSource.html#StAXSource(javax.xml.stream.XMLStreamReader))([XMLStreamReader](http://docs.google.com/javax/xml/stream/XMLStreamReader.html) xmlStreamReader)            Creates a new instance of a StAXSource by supplying an [XMLStreamReader](http://docs.google.com/javax/xml/stream/XMLStreamReader.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/XMLStreamReader.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-useXMLStreamReader.html)    [**NO FRAMES**](http://docs.google.com/XMLStreamReader.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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