| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/EventReaderDelegate.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/util/StreamReaderDelegate.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/stream/util/EventReaderDelegate.html)    [**NO FRAMES**](http://docs.google.com/EventReaderDelegate.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#2s8eyo1) |

## **javax.xml.stream.util**

Class EventReaderDelegate

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **javax.xml.stream.util.EventReaderDelegate**

**All Implemented Interfaces:** [Iterator](http://docs.google.com/java/util/Iterator.html), [XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html)

public class **EventReaderDelegate**extends [Object](http://docs.google.com/java/lang/Object.html)implements [XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html)

This is the base class for deriving an XMLEventReader filter. This class is designed to sit between an XMLEventReader and an application's XMLEventReader. By default each method does nothing but call the corresponding method on the parent interface.

**Since:** 1.6 **See Also:**[XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html), [StreamReaderDelegate](http://docs.google.com/javax/xml/stream/util/StreamReaderDelegate.html)

| **Constructor Summary** | |
| --- | --- |
| [**EventReaderDelegate**](http://docs.google.com/javax/xml/stream/util/EventReaderDelegate.html#EventReaderDelegate())()            Construct an empty filter with no parent. |
| [**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. |

| **Method Summary** | |
| --- | --- |
| void | [**close**](http://docs.google.com/javax/xml/stream/util/EventReaderDelegate.html#close())()            Frees any resources associated with this Reader. |
| [String](http://docs.google.com/java/lang/String.html) | [**getElementText**](http://docs.google.com/javax/xml/stream/util/EventReaderDelegate.html#getElementText())()            Reads the content of a text-only element. |
| [XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) | [**getParent**](http://docs.google.com/javax/xml/stream/util/EventReaderDelegate.html#getParent())()            Get the parent of this instance. |
| [Object](http://docs.google.com/java/lang/Object.html) | [**getProperty**](http://docs.google.com/javax/xml/stream/util/EventReaderDelegate.html#getProperty(java.lang.String))([String](http://docs.google.com/java/lang/String.html) name)            Get the value of a feature/property from the underlying implementation |
| boolean | [**hasNext**](http://docs.google.com/javax/xml/stream/util/EventReaderDelegate.html#hasNext())()            Check if there are more events. |
| [Object](http://docs.google.com/java/lang/Object.html) | [**next**](http://docs.google.com/javax/xml/stream/util/EventReaderDelegate.html#next())()            Returns the next element in the iteration. |
| [XMLEvent](http://docs.google.com/javax/xml/stream/events/XMLEvent.html) | [**nextEvent**](http://docs.google.com/javax/xml/stream/util/EventReaderDelegate.html#nextEvent())()            Get the next XMLEvent |
| [XMLEvent](http://docs.google.com/javax/xml/stream/events/XMLEvent.html) | [**nextTag**](http://docs.google.com/javax/xml/stream/util/EventReaderDelegate.html#nextTag())()            Skips any insignificant space events until a START\_ELEMENT or END\_ELEMENT is reached. |
| [XMLEvent](http://docs.google.com/javax/xml/stream/events/XMLEvent.html) | [**peek**](http://docs.google.com/javax/xml/stream/util/EventReaderDelegate.html#peek())()            Check the next XMLEvent without reading it from the stream. |
| void | [**remove**](http://docs.google.com/javax/xml/stream/util/EventReaderDelegate.html#remove())()            Removes from the underlying collection the last element returned by the iterator (optional operation). |
| void | [**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. |

| **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()), [equals](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)), [finalize](http://docs.google.com/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [hashCode](http://docs.google.com/java/lang/Object.html#hashCode()), [notify](http://docs.google.com/java/lang/Object.html#notify()), [notifyAll](http://docs.google.com/java/lang/Object.html#notifyAll()), [toString](http://docs.google.com/java/lang/Object.html#toString()), [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)) |

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

### EventReaderDelegate

public **EventReaderDelegate**()

Construct an empty filter with no parent.

### EventReaderDelegate

public **EventReaderDelegate**([XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) reader)

Construct an filter with the specified parent.

**Parameters:**reader - the parent

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

### setParent

public void **setParent**([XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) reader)

Set the parent of this instance.

**Parameters:**reader - the new parent

### getParent

public [XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) **getParent**()

Get the parent of this instance.

**Returns:**the parent or null if none is set

### nextEvent

public [XMLEvent](http://docs.google.com/javax/xml/stream/events/XMLEvent.html) **nextEvent**()  
 throws [XMLStreamException](http://docs.google.com/javax/xml/stream/XMLStreamException.html)

**Description copied from interface:** [**XMLEventReader**](http://docs.google.com/javax/xml/stream/XMLEventReader.html#nextEvent()) Get the next XMLEvent

**Specified by:**[nextEvent](http://docs.google.com/javax/xml/stream/XMLEventReader.html#nextEvent()) in interface [XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) **Throws:** [XMLStreamException](http://docs.google.com/javax/xml/stream/XMLStreamException.html) - if there is an error with the underlying XML.**See Also:**[XMLEvent](http://docs.google.com/javax/xml/stream/events/XMLEvent.html)

### next

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

**Description copied from interface:** [**Iterator**](http://docs.google.com/java/util/Iterator.html#next()) Returns the next element in the iteration.

**Specified by:**[next](http://docs.google.com/java/util/Iterator.html#next()) in interface [Iterator](http://docs.google.com/java/util/Iterator.html) **Returns:**the next element in the iteration.

### hasNext

public boolean **hasNext**()

**Description copied from interface:** [**XMLEventReader**](http://docs.google.com/javax/xml/stream/XMLEventReader.html#hasNext()) Check if there are more events. Returns true if there are more events and false otherwise.

**Specified by:**[hasNext](http://docs.google.com/java/util/Iterator.html#hasNext()) in interface [Iterator](http://docs.google.com/java/util/Iterator.html)**Specified by:**[hasNext](http://docs.google.com/javax/xml/stream/XMLEventReader.html#hasNext()) in interface [XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) **Returns:**true if the event reader has more events, false otherwise

### peek

public [XMLEvent](http://docs.google.com/javax/xml/stream/events/XMLEvent.html) **peek**()  
 throws [XMLStreamException](http://docs.google.com/javax/xml/stream/XMLStreamException.html)

**Description copied from interface:** [**XMLEventReader**](http://docs.google.com/javax/xml/stream/XMLEventReader.html#peek()) Check the next XMLEvent without reading it from the stream. Returns null if the stream is at EOF or has no more XMLEvents. A call to peek() will be equal to the next return of next().

**Specified by:**[peek](http://docs.google.com/javax/xml/stream/XMLEventReader.html#peek()) in interface [XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) **Throws:** [XMLStreamException](http://docs.google.com/javax/xml/stream/XMLStreamException.html)**See Also:**[XMLEvent](http://docs.google.com/javax/xml/stream/events/XMLEvent.html)

### close

public void **close**()  
 throws [XMLStreamException](http://docs.google.com/javax/xml/stream/XMLStreamException.html)

**Description copied from interface:** [**XMLEventReader**](http://docs.google.com/javax/xml/stream/XMLEventReader.html#close()) Frees any resources associated with this Reader. This method does not close the underlying input source.

**Specified by:**[close](http://docs.google.com/javax/xml/stream/XMLEventReader.html#close()) in interface [XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) **Throws:** [XMLStreamException](http://docs.google.com/javax/xml/stream/XMLStreamException.html) - if there are errors freeing associated resources

### getElementText

public [String](http://docs.google.com/java/lang/String.html) **getElementText**()  
 throws [XMLStreamException](http://docs.google.com/javax/xml/stream/XMLStreamException.html)

**Description copied from interface:** [**XMLEventReader**](http://docs.google.com/javax/xml/stream/XMLEventReader.html#getElementText()) Reads the content of a text-only element. Precondition: the current event is START\_ELEMENT. Postcondition: The current event is the corresponding END\_ELEMENT.

**Specified by:**[getElementText](http://docs.google.com/javax/xml/stream/XMLEventReader.html#getElementText()) in interface [XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) **Throws:** [XMLStreamException](http://docs.google.com/javax/xml/stream/XMLStreamException.html) - if the current event is not a START\_ELEMENT or if a non text element is encountered

### nextTag

public [XMLEvent](http://docs.google.com/javax/xml/stream/events/XMLEvent.html) **nextTag**()  
 throws [XMLStreamException](http://docs.google.com/javax/xml/stream/XMLStreamException.html)

**Description copied from interface:** [**XMLEventReader**](http://docs.google.com/javax/xml/stream/XMLEventReader.html#nextTag()) Skips any insignificant space events until a START\_ELEMENT or END\_ELEMENT is reached. If anything other than space characters are encountered, an exception is thrown. This method should be used when processing element-only content because the parser is not able to recognize ignorable whitespace if the DTD is missing or not interpreted.

**Specified by:**[nextTag](http://docs.google.com/javax/xml/stream/XMLEventReader.html#nextTag()) in interface [XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) **Throws:** [XMLStreamException](http://docs.google.com/javax/xml/stream/XMLStreamException.html) - if anything other than space characters are encountered

### getProperty

public [Object](http://docs.google.com/java/lang/Object.html) **getProperty**([String](http://docs.google.com/java/lang/String.html) name)  
 throws [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html)

**Description copied from interface:** [**XMLEventReader**](http://docs.google.com/javax/xml/stream/XMLEventReader.html#getProperty(java.lang.String)) Get the value of a feature/property from the underlying implementation

**Specified by:**[getProperty](http://docs.google.com/javax/xml/stream/XMLEventReader.html#getProperty(java.lang.String)) in interface [XMLEventReader](http://docs.google.com/javax/xml/stream/XMLEventReader.html) **Parameters:**name - The name of the property **Returns:**The value of the property **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if the property is not supported

### remove

public void **remove**()

**Description copied from interface:** [**Iterator**](http://docs.google.com/java/util/Iterator.html#remove()) Removes from the underlying collection the last element returned by the iterator (optional operation). This method can be called only once per call to next. The behavior of an iterator is unspecified if the underlying collection is modified while the iteration is in progress in any way other than by calling this method.

**Specified by:**[remove](http://docs.google.com/java/util/Iterator.html#remove()) in interface [Iterator](http://docs.google.com/java/util/Iterator.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/EventReaderDelegate.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/util/StreamReaderDelegate.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/stream/util/EventReaderDelegate.html)    [**NO FRAMES**](http://docs.google.com/EventReaderDelegate.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#2s8eyo1) |

[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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