| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/XMLFilter.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/org/xml/sax/SAXParseException.html)   [**NEXT CLASS**](http://docs.google.com/org/xml/sax/XMLReader.html) | [**FRAMES**](http://docs.google.com/index.html?org/xml/sax/XMLFilter.html)    [**NO FRAMES**](http://docs.google.com/XMLFilter.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#3znysh7) | DETAIL: FIELD | CONSTR | [METHOD](#tyjcwt) |

## **org.xml.sax**

Interface XMLFilter

**All Superinterfaces:** [XMLReader](http://docs.google.com/org/xml/sax/XMLReader.html) **All Known Implementing Classes:** [XMLFilterImpl](http://docs.google.com/org/xml/sax/helpers/XMLFilterImpl.html)

public interface **XMLFilter**extends [XMLReader](http://docs.google.com/org/xml/sax/XMLReader.html)

Interface for an XML filter.

*This module, both source code and documentation, is in the Public Domain, and comes with* ***NO WARRANTY****.* See <http://www.saxproject.org> for further information.

An XML filter is like an XML reader, except that it obtains its events from another XML reader rather than a primary source like an XML document or database. Filters can modify a stream of events as they pass on to the final application.

The XMLFilterImpl helper class provides a convenient base for creating SAX2 filters, by passing on all [EntityResolver](http://docs.google.com/org/xml/sax/EntityResolver.html), [DTDHandler](http://docs.google.com/org/xml/sax/DTDHandler.html), [ContentHandler](http://docs.google.com/org/xml/sax/ContentHandler.html) and [ErrorHandler](http://docs.google.com/org/xml/sax/ErrorHandler.html) events automatically.

**Since:** SAX 2.0 **See Also:**[XMLFilterImpl](http://docs.google.com/org/xml/sax/helpers/XMLFilterImpl.html)

| **Method Summary** | |
| --- | --- |
| [XMLReader](http://docs.google.com/org/xml/sax/XMLReader.html) | [**getParent**](http://docs.google.com/org/xml/sax/XMLFilter.html#getParent())()            Get the parent reader. |
| void | [**setParent**](http://docs.google.com/org/xml/sax/XMLFilter.html#setParent(org.xml.sax.XMLReader))([XMLReader](http://docs.google.com/org/xml/sax/XMLReader.html) parent)            Set the parent reader. |

| **Methods inherited from interface org.xml.sax.**[**XMLReader**](http://docs.google.com/org/xml/sax/XMLReader.html) |
| --- |
| [getContentHandler](http://docs.google.com/org/xml/sax/XMLReader.html#getContentHandler()), [getDTDHandler](http://docs.google.com/org/xml/sax/XMLReader.html#getDTDHandler()), [getEntityResolver](http://docs.google.com/org/xml/sax/XMLReader.html#getEntityResolver()), [getErrorHandler](http://docs.google.com/org/xml/sax/XMLReader.html#getErrorHandler()), [getFeature](http://docs.google.com/org/xml/sax/XMLReader.html#getFeature(java.lang.String)), [getProperty](http://docs.google.com/org/xml/sax/XMLReader.html#getProperty(java.lang.String)), [parse](http://docs.google.com/org/xml/sax/XMLReader.html#parse(org.xml.sax.InputSource)), [parse](http://docs.google.com/org/xml/sax/XMLReader.html#parse(java.lang.String)), [setContentHandler](http://docs.google.com/org/xml/sax/XMLReader.html#setContentHandler(org.xml.sax.ContentHandler)), [setDTDHandler](http://docs.google.com/org/xml/sax/XMLReader.html#setDTDHandler(org.xml.sax.DTDHandler)), [setEntityResolver](http://docs.google.com/org/xml/sax/XMLReader.html#setEntityResolver(org.xml.sax.EntityResolver)), [setErrorHandler](http://docs.google.com/org/xml/sax/XMLReader.html#setErrorHandler(org.xml.sax.ErrorHandler)), [setFeature](http://docs.google.com/org/xml/sax/XMLReader.html#setFeature(java.lang.String,%20boolean)), [setProperty](http://docs.google.com/org/xml/sax/XMLReader.html#setProperty(java.lang.String,%20java.lang.Object)) |

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

### setParent

void **setParent**([XMLReader](http://docs.google.com/org/xml/sax/XMLReader.html) parent)

Set the parent reader.

This method allows the application to link the filter to a parent reader (which may be another filter). The argument may not be null.

**Parameters:**parent - The parent reader.

### getParent

[XMLReader](http://docs.google.com/org/xml/sax/XMLReader.html) **getParent**()

Get the parent reader.

This method allows the application to query the parent reader (which may be another filter). It is generally a bad idea to perform any operations on the parent reader directly: they should all pass through this filter.

**Returns:**The parent filter, or null if none has been set.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/XMLFilter.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/org/xml/sax/SAXParseException.html)   [**NEXT CLASS**](http://docs.google.com/org/xml/sax/XMLReader.html) | [**FRAMES**](http://docs.google.com/index.html?org/xml/sax/XMLFilter.html)    [**NO FRAMES**](http://docs.google.com/XMLFilter.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#3znysh7) | DETAIL: FIELD | CONSTR | [METHOD](#tyjcwt) |

[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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