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

## **javax.xml.stream**

Interface XMLResolver

public interface **XMLResolver**

This interface is used to resolve resources during an XML parse. If an application wishes to perform custom entity resolution it must register an instance of this interface with the XMLInputFactory using the setXMLResolver method.

**Since:** 1.6

| **Method Summary** | |
| --- | --- |
| [Object](http://docs.google.com/java/lang/Object.html) | [**resolveEntity**](http://docs.google.com/javax/xml/stream/XMLResolver.html#resolveEntity(java.lang.String,%20java.lang.String,%20java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) publicID, [String](http://docs.google.com/java/lang/String.html) systemID, [String](http://docs.google.com/java/lang/String.html) baseURI, [String](http://docs.google.com/java/lang/String.html) namespace)            Retrieves a resource. |

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

### resolveEntity

[Object](http://docs.google.com/java/lang/Object.html) **resolveEntity**([String](http://docs.google.com/java/lang/String.html) publicID,  
 [String](http://docs.google.com/java/lang/String.html) systemID,  
 [String](http://docs.google.com/java/lang/String.html) baseURI,  
 [String](http://docs.google.com/java/lang/String.html) namespace)  
 throws [XMLStreamException](http://docs.google.com/javax/xml/stream/XMLStreamException.html)

Retrieves a resource. This resource can be of the following three return types: (1) java.io.InputStream (2) javax.xml.stream.XMLStreamReader (3) java.xml.stream.XMLEventReader. If this method returns null the processor will attempt to resolve the entity using its default mechanism.

**Parameters:**publicID - The public identifier of the external entity being referenced, or null if none was supplied.systemID - The system identifier of the external entity being referenced.baseURI - Absolute base URI associated with systemId.namespace - The namespace of the entity to resolve. **Returns:**The resource requested or null. **Throws:** [XMLStreamException](http://docs.google.com/javax/xml/stream/XMLStreamException.html) - if there was a failure attempting to resolve the resource.

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

[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.

Copyright 2006 Sun Microsystems, Inc. All rights reserved. Use is subject to [license terms](http://docs.google.com/legal/license.html). Also see the [documentation redistribution policy](http://java.sun.com/docs/redist.html).