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

## Package javax.xml.transform.stream

This package implements stream- and URI- specific transformation APIs.

**See:**

[**Description**](#3znysh7)

| **Class Summary** | |
| --- | --- |
| [**StreamResult**](http://docs.google.com/javax/xml/transform/stream/StreamResult.html) | Acts as an holder for a transformation result, which may be XML, plain Text, HTML, or some other form of markup. |
| [**StreamSource**](http://docs.google.com/javax/xml/transform/stream/StreamSource.html) | Acts as an holder for a transformation Source in the form of a stream of XML markup. |

## Package javax.xml.transform.stream Description

This package implements stream- and URI- specific transformation APIs.

The [StreamSource](http://docs.google.com/javax/xml/transform/stream/StreamSource.html) class provides methods for specifying [InputStream](http://docs.google.com/java/io/InputStream.html) input, [Reader](http://docs.google.com/java/io/Reader.html) input, and URL input in the form of strings. Even if an input stream or reader is specified as the source, [StreamSource.setSystemId(java.lang.String)](http://docs.google.com/javax/xml/transform/stream/StreamSource.html#setSystemId(java.lang.String)) should still be called, so that the transformer can know from where it should resolve relative URIs. The public identifier is always optional: if the application writer includes one, it will be provided as part of the [SourceLocator](http://docs.google.com/javax/xml/transform/SourceLocator.html) information.

The [StreamResult](http://docs.google.com/javax/xml/transform/stream/StreamResult.html) class provides methods for specifying [OutputStream](http://docs.google.com/java/io/OutputStream.html), [Writer](http://docs.google.com/java/io/Writer.html), or an output system ID, as the output of the transformation result.

Normally streams should be used rather than readers or writers, for both the Source and Result, since readers and writers already have the encoding established to and from the internal Unicode format. However, there are times when it is useful to write to a character stream, such as when using a StringWriter in order to write to a String, or in the case of reading source XML from a StringReader.

| | [**Overview**](http://docs.google.com/overview-summary.html) | **Package** | Class | [**Use**](http://docs.google.com/package-use.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 PACKAGE**](http://docs.google.com/javax/xml/transform/stax/package-summary.html)   [**NEXT PACKAGE**](http://docs.google.com/javax/xml/validation/package-summary.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/transform/stream/package-summary.html)    [**NO FRAMES**](http://docs.google.com/package-summary.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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