| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/StreamResult.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/transform/stream/StreamSource.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/transform/stream/StreamResult.html)    [**NO FRAMES**](http://docs.google.com/StreamResult.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#tyjcwt) | [METHOD](#3dy6vkm) | DETAIL: [FIELD](#4d34og8) | [CONSTR](#17dp8vu) | [METHOD](#44sinio) |

## **javax.xml.transform.stream**

Class StreamResult

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

**All Implemented Interfaces:** [Result](http://docs.google.com/javax/xml/transform/Result.html)

public class **StreamResult**extends [Object](http://docs.google.com/java/lang/Object.html)implements [Result](http://docs.google.com/javax/xml/transform/Result.html)

Acts as an holder for a transformation result, which may be XML, plain Text, HTML, or some other form of markup.

| **Field Summary** | |
| --- | --- |
| static [String](http://docs.google.com/java/lang/String.html) | [**FEATURE**](http://docs.google.com/javax/xml/transform/stream/StreamResult.html#FEATURE)            If [TransformerFactory.getFeature(java.lang.String)](http://docs.google.com/javax/xml/transform/TransformerFactory.html#getFeature(java.lang.String)) returns true when passed this value as an argument, the Transformer supports Result output of this type. |

| **Fields inherited from interface javax.xml.transform.**[**Result**](http://docs.google.com/javax/xml/transform/Result.html) |
| --- |
| [PI\_DISABLE\_OUTPUT\_ESCAPING](http://docs.google.com/javax/xml/transform/Result.html#PI_DISABLE_OUTPUT_ESCAPING), [PI\_ENABLE\_OUTPUT\_ESCAPING](http://docs.google.com/javax/xml/transform/Result.html#PI_ENABLE_OUTPUT_ESCAPING) |

| **Constructor Summary** | |
| --- | --- |
| [**StreamResult**](http://docs.google.com/javax/xml/transform/stream/StreamResult.html#StreamResult())()            Zero-argument default constructor. |
| [**StreamResult**](http://docs.google.com/javax/xml/transform/stream/StreamResult.html#StreamResult(java.io.File))([File](http://docs.google.com/java/io/File.html) f)            Construct a StreamResult from a File. |
| [**StreamResult**](http://docs.google.com/javax/xml/transform/stream/StreamResult.html#StreamResult(java.io.OutputStream))([OutputStream](http://docs.google.com/java/io/OutputStream.html) outputStream)            Construct a StreamResult from a byte stream. |
| [**StreamResult**](http://docs.google.com/javax/xml/transform/stream/StreamResult.html#StreamResult(java.lang.String))([String](http://docs.google.com/java/lang/String.html) systemId)            Construct a StreamResult from a URL. |
| [**StreamResult**](http://docs.google.com/javax/xml/transform/stream/StreamResult.html#StreamResult(java.io.Writer))([Writer](http://docs.google.com/java/io/Writer.html) writer)            Construct a StreamResult from a character stream. |

| **Method Summary** | |
| --- | --- |
| [OutputStream](http://docs.google.com/java/io/OutputStream.html) | [**getOutputStream**](http://docs.google.com/javax/xml/transform/stream/StreamResult.html#getOutputStream())()            Get the byte stream that was set with setOutputStream. |
| [String](http://docs.google.com/java/lang/String.html) | [**getSystemId**](http://docs.google.com/javax/xml/transform/stream/StreamResult.html#getSystemId())()            Get the system identifier that was set with setSystemId. |
| [Writer](http://docs.google.com/java/io/Writer.html) | [**getWriter**](http://docs.google.com/javax/xml/transform/stream/StreamResult.html#getWriter())()            Get the character stream that was set with setWriter. |
| void | [**setOutputStream**](http://docs.google.com/javax/xml/transform/stream/StreamResult.html#setOutputStream(java.io.OutputStream))([OutputStream](http://docs.google.com/java/io/OutputStream.html) outputStream)            Set the ByteStream that is to be written to. |
| void | [**setSystemId**](http://docs.google.com/javax/xml/transform/stream/StreamResult.html#setSystemId(java.io.File))([File](http://docs.google.com/java/io/File.html) f)            Set the system ID from a File reference. |
| void | [**setSystemId**](http://docs.google.com/javax/xml/transform/stream/StreamResult.html#setSystemId(java.lang.String))([String](http://docs.google.com/java/lang/String.html) systemId)            Set the systemID that may be used in association with the byte or character stream, or, if neither is set, use this value as a writeable URI (probably a file name). |
| void | [**setWriter**](http://docs.google.com/javax/xml/transform/stream/StreamResult.html#setWriter(java.io.Writer))([Writer](http://docs.google.com/java/io/Writer.html) writer)            Set the writer that is to receive the result. |

| **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)) |

| **Field Detail** |
| --- |

### FEATURE

public static final [String](http://docs.google.com/java/lang/String.html) **FEATURE**

If [TransformerFactory.getFeature(java.lang.String)](http://docs.google.com/javax/xml/transform/TransformerFactory.html#getFeature(java.lang.String)) returns true when passed this value as an argument, the Transformer supports Result output of this type.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.transform.stream.StreamResult.FEATURE)

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

### StreamResult

public **StreamResult**()

Zero-argument default constructor.

### StreamResult

public **StreamResult**([OutputStream](http://docs.google.com/java/io/OutputStream.html) outputStream)

Construct a StreamResult from a byte stream. Normally, a stream should be used rather than a reader, so that the transformer may use instructions contained in the transformation instructions to control the encoding.

**Parameters:**outputStream - A valid OutputStream reference.

### StreamResult

public **StreamResult**([Writer](http://docs.google.com/java/io/Writer.html) writer)

Construct a StreamResult from a character stream. Normally, a stream should be used rather than a reader, so that the transformer may use instructions contained in the transformation instructions to control the encoding. However, there are times when it is useful to write to a character stream, such as when using a StringWriter.

**Parameters:**writer - A valid Writer reference.

### StreamResult

public **StreamResult**([String](http://docs.google.com/java/lang/String.html) systemId)

Construct a StreamResult from a URL.

**Parameters:**systemId - Must be a String that conforms to the URI syntax.

### StreamResult

public **StreamResult**([File](http://docs.google.com/java/io/File.html) f)

Construct a StreamResult from a File.

**Parameters:**f - Must a non-null File reference.

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

### setOutputStream

public void **setOutputStream**([OutputStream](http://docs.google.com/java/io/OutputStream.html) outputStream)

Set the ByteStream that is to be written to. Normally, a stream should be used rather than a reader, so that the transformer may use instructions contained in the transformation instructions to control the encoding.

**Parameters:**outputStream - A valid OutputStream reference.

### getOutputStream

public [OutputStream](http://docs.google.com/java/io/OutputStream.html) **getOutputStream**()

Get the byte stream that was set with setOutputStream.

**Returns:**The byte stream that was set with setOutputStream, or null if setOutputStream or the ByteStream constructor was not called.

### setWriter

public void **setWriter**([Writer](http://docs.google.com/java/io/Writer.html) writer)

Set the writer that is to receive the result. Normally, a stream should be used rather than a writer, so that the transformer may use instructions contained in the transformation instructions to control the encoding. However, there are times when it is useful to write to a writer, such as when using a StringWriter.

**Parameters:**writer - A valid Writer reference.

### getWriter

public [Writer](http://docs.google.com/java/io/Writer.html) **getWriter**()

Get the character stream that was set with setWriter.

**Returns:**The character stream that was set with setWriter, or null if setWriter or the Writer constructor was not called.

### setSystemId

public void **setSystemId**([String](http://docs.google.com/java/lang/String.html) systemId)

Set the systemID that may be used in association with the byte or character stream, or, if neither is set, use this value as a writeable URI (probably a file name).

**Specified by:**[setSystemId](http://docs.google.com/javax/xml/transform/Result.html#setSystemId(java.lang.String)) in interface [Result](http://docs.google.com/javax/xml/transform/Result.html) **Parameters:**systemId - The system identifier as a URI string.

### setSystemId

public void **setSystemId**([File](http://docs.google.com/java/io/File.html) f)

Set the system ID from a File reference.

**Parameters:**f - Must a non-null File reference.

### getSystemId

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

Get the system identifier that was set with setSystemId.

**Specified by:**[getSystemId](http://docs.google.com/javax/xml/transform/Result.html#getSystemId()) in interface [Result](http://docs.google.com/javax/xml/transform/Result.html) **Returns:**The system identifier that was set with setSystemId, or null if setSystemId was not called.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/StreamResult.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/transform/stream/StreamSource.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/transform/stream/StreamResult.html)    [**NO FRAMES**](http://docs.google.com/StreamResult.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#tyjcwt) | [METHOD](#3dy6vkm) | DETAIL: [FIELD](#4d34og8) | [CONSTR](#17dp8vu) | [METHOD](#44sinio) |

[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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