| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/DOMSource.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/transform/dom/DOMResult.html)   NEXT CLASS | [**FRAMES**](http://docs.google.com/index.html?javax/xml/transform/dom/DOMSource.html)    [**NO FRAMES**](http://docs.google.com/DOMSource.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#2et92p0) | [METHOD](#tyjcwt) | DETAIL: [FIELD](#1t3h5sf) | [CONSTR](#2s8eyo1) | [METHOD](#lnxbz9) |

## **javax.xml.transform.dom**

Class DOMSource

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

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

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

Acts as a holder for a transformation Source tree in the form of a Document Object Model (DOM) tree.

Note that XSLT requires namespace support. Attempting to transform a DOM that was not contructed with a namespace-aware parser may result in errors. Parsers can be made namespace aware by calling [DocumentBuilderFactory.setNamespaceAware(boolean awareness)](http://docs.google.com/javax/xml/parsers/DocumentBuilderFactory.html#setNamespaceAware(boolean)).

**See Also:**[Document Object Model (DOM) Level 2 Specification](http://www.w3.org/TR/DOM-Level-2)

| **Field Summary** | |
| --- | --- |
| static [String](http://docs.google.com/java/lang/String.html) | [**FEATURE**](http://docs.google.com/javax/xml/transform/dom/DOMSource.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 Source input of this type. |

| **Constructor Summary** | |
| --- | --- |
| [**DOMSource**](http://docs.google.com/javax/xml/transform/dom/DOMSource.html#DOMSource())()            Zero-argument default constructor. |
| [**DOMSource**](http://docs.google.com/javax/xml/transform/dom/DOMSource.html#DOMSource(org.w3c.dom.Node))([Node](http://docs.google.com/org/w3c/dom/Node.html) n)            Create a new input source with a DOM node. |
| [**DOMSource**](http://docs.google.com/javax/xml/transform/dom/DOMSource.html#DOMSource(org.w3c.dom.Node,%20java.lang.String))([Node](http://docs.google.com/org/w3c/dom/Node.html) node, [String](http://docs.google.com/java/lang/String.html) systemID)            Create a new input source with a DOM node, and with the system ID also passed in as the base URI. |

| **Method Summary** | |
| --- | --- |
| [Node](http://docs.google.com/org/w3c/dom/Node.html) | [**getNode**](http://docs.google.com/javax/xml/transform/dom/DOMSource.html#getNode())()            Get the node that represents a Source DOM tree. |
| [String](http://docs.google.com/java/lang/String.html) | [**getSystemId**](http://docs.google.com/javax/xml/transform/dom/DOMSource.html#getSystemId())()            Get the base ID (URL or system ID) from where URLs will be resolved. |
| void | [**setNode**](http://docs.google.com/javax/xml/transform/dom/DOMSource.html#setNode(org.w3c.dom.Node))([Node](http://docs.google.com/org/w3c/dom/Node.html) node)            Set the node that will represents a Source DOM tree. |
| void | [**setSystemId**](http://docs.google.com/javax/xml/transform/dom/DOMSource.html#setSystemId(java.lang.String))([String](http://docs.google.com/java/lang/String.html) systemID)            Set the base ID (URL or system ID) from where URLs will be resolved. |

| **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 Source input of this type.

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

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

### DOMSource

public **DOMSource**()

Zero-argument default constructor. If this constructor is used, and no DOM source is set using [setNode(Node node)](http://docs.google.com/javax/xml/transform/dom/DOMSource.html#setNode(org.w3c.dom.Node)) , then the Transformer will create an empty source [Document](http://docs.google.com/org/w3c/dom/Document.html) using [DocumentBuilder.newDocument()](http://docs.google.com/javax/xml/parsers/DocumentBuilder.html#newDocument()).

**See Also:**[Transformer.transform(Source xmlSource, Result outputTarget)](http://docs.google.com/javax/xml/transform/Transformer.html#transform(javax.xml.transform.Source,%20javax.xml.transform.Result))

### DOMSource

public **DOMSource**([Node](http://docs.google.com/org/w3c/dom/Node.html) n)

Create a new input source with a DOM node. The operation will be applied to the subtree rooted at this node. In XSLT, a "/" pattern still means the root of the tree (not the subtree), and the evaluation of global variables and parameters is done from the root node also.

**Parameters:**n - The DOM node that will contain the Source tree.

### DOMSource

public **DOMSource**([Node](http://docs.google.com/org/w3c/dom/Node.html) node,  
 [String](http://docs.google.com/java/lang/String.html) systemID)

Create a new input source with a DOM node, and with the system ID also passed in as the base URI.

**Parameters:**node - The DOM node that will contain the Source tree.systemID - Specifies the base URI associated with node.

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

### setNode

public void **setNode**([Node](http://docs.google.com/org/w3c/dom/Node.html) node)

Set the node that will represents a Source DOM tree.

**Parameters:**node - The node that is to be transformed.

### getNode

public [Node](http://docs.google.com/org/w3c/dom/Node.html) **getNode**()

Get the node that represents a Source DOM tree.

**Returns:**The node that is to be transformed.

### setSystemId

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

Set the base ID (URL or system ID) from where URLs will be resolved.

**Specified by:**[setSystemId](http://docs.google.com/javax/xml/transform/Source.html#setSystemId(java.lang.String)) in interface [Source](http://docs.google.com/javax/xml/transform/Source.html) **Parameters:**systemID - Base URL for this DOM tree.

### getSystemId

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

Get the base ID (URL or system ID) from where URLs will be resolved.

**Specified by:**[getSystemId](http://docs.google.com/javax/xml/transform/Source.html#getSystemId()) in interface [Source](http://docs.google.com/javax/xml/transform/Source.html) **Returns:**Base URL for this DOM tree.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/DOMSource.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*** |
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[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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