| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/DOMResult.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/DOMLocator.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/transform/dom/DOMSource.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/transform/dom/DOMResult.html)    [**NO FRAMES**](http://docs.google.com/DOMResult.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.dom**

Class DOMResult

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

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

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

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

If no output DOM source is set, the transformation will create a Document node as the holder for the result of the transformation, which may be retrieved with [getNode()](http://docs.google.com/javax/xml/transform/dom/DOMResult.html#getNode()).

| **Field Summary** | |
| --- | --- |
| static [String](http://docs.google.com/java/lang/String.html) | [**FEATURE**](http://docs.google.com/javax/xml/transform/dom/DOMResult.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** | |
| --- | --- |
| [**DOMResult**](http://docs.google.com/javax/xml/transform/dom/DOMResult.html#DOMResult())()            Zero-argument default constructor. |
| [**DOMResult**](http://docs.google.com/javax/xml/transform/dom/DOMResult.html#DOMResult(org.w3c.dom.Node))([Node](http://docs.google.com/org/w3c/dom/Node.html) node)            Use a DOM node to create a new output target. |
| [**DOMResult**](http://docs.google.com/javax/xml/transform/dom/DOMResult.html#DOMResult(org.w3c.dom.Node,%20org.w3c.dom.Node))([Node](http://docs.google.com/org/w3c/dom/Node.html) node, [Node](http://docs.google.com/org/w3c/dom/Node.html) nextSibling)            Use a DOM node to create a new output target specifying the child node where the result nodes should be inserted before. |
| [**DOMResult**](http://docs.google.com/javax/xml/transform/dom/DOMResult.html#DOMResult(org.w3c.dom.Node,%20org.w3c.dom.Node,%20java.lang.String))([Node](http://docs.google.com/org/w3c/dom/Node.html) node, [Node](http://docs.google.com/org/w3c/dom/Node.html) nextSibling, [String](http://docs.google.com/java/lang/String.html) systemId)            Use a DOM node to create a new output target specifying the child node where the result nodes should be inserted before and the specified System ID. |
| [**DOMResult**](http://docs.google.com/javax/xml/transform/dom/DOMResult.html#DOMResult(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)            Use a DOM node to create a new output target with the specified System ID. |

| **Method Summary** | |
| --- | --- |
| [Node](http://docs.google.com/org/w3c/dom/Node.html) | [**getNextSibling**](http://docs.google.com/javax/xml/transform/dom/DOMResult.html#getNextSibling())()            Get the child node before which the result nodes will be inserted. |
| [Node](http://docs.google.com/org/w3c/dom/Node.html) | [**getNode**](http://docs.google.com/javax/xml/transform/dom/DOMResult.html#getNode())()            Get the node that will contain the result DOM tree. |
| [String](http://docs.google.com/java/lang/String.html) | [**getSystemId**](http://docs.google.com/javax/xml/transform/dom/DOMResult.html#getSystemId())()            Get the System Identifier. |
| void | [**setNextSibling**](http://docs.google.com/javax/xml/transform/dom/DOMResult.html#setNextSibling(org.w3c.dom.Node))([Node](http://docs.google.com/org/w3c/dom/Node.html) nextSibling)            Set the child node before which the result nodes will be inserted. |
| void | [**setNode**](http://docs.google.com/javax/xml/transform/dom/DOMResult.html#setNode(org.w3c.dom.Node))([Node](http://docs.google.com/org/w3c/dom/Node.html) node)            Set the node that will contain the result DOM tree. |
| void | [**setSystemId**](http://docs.google.com/javax/xml/transform/dom/DOMResult.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 node. |

| **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.dom.DOMResult.FEATURE)

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

### DOMResult

public **DOMResult**()

Zero-argument default constructor.

node, siblingNode and systemId will be set to null.

### DOMResult

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

Use a DOM node to create a new output target.

In practice, the node should be a [Document](http://docs.google.com/org/w3c/dom/Document.html) node, a [DocumentFragment](http://docs.google.com/org/w3c/dom/DocumentFragment.html) node, or a [Element](http://docs.google.com/org/w3c/dom/Element.html) node. In other words, a node that accepts children.

siblingNode and systemId will be set to null.

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

### DOMResult

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

Use a DOM node to create a new output target with the specified System ID.

In practice, the node should be a [Document](http://docs.google.com/org/w3c/dom/Document.html) node, a [DocumentFragment](http://docs.google.com/org/w3c/dom/DocumentFragment.html) node, or a [Element](http://docs.google.com/org/w3c/dom/Element.html) node. In other words, a node that accepts children.

siblingNode will be set to null.

**Parameters:**node - The DOM node that will contain the result tree.systemId - The system identifier which may be used in association with this node.

### DOMResult

public **DOMResult**([Node](http://docs.google.com/org/w3c/dom/Node.html) node,  
 [Node](http://docs.google.com/org/w3c/dom/Node.html) nextSibling)

Use a DOM node to create a new output target specifying the child node where the result nodes should be inserted before.

In practice, node and nextSibling should be a [Document](http://docs.google.com/org/w3c/dom/Document.html) node, a [DocumentFragment](http://docs.google.com/org/w3c/dom/DocumentFragment.html) node, or a [Element](http://docs.google.com/org/w3c/dom/Element.html) node. In other words, a node that accepts children.

Use nextSibling to specify the child node where the result nodes should be inserted before. If nextSibling is not a sibling of node, then an IllegalArgumentException is thrown. If node is null and nextSibling is not null, then an IllegalArgumentException is thrown. If nextSibling is null, then the behavior is the same as calling [DOMResult(Node node)](http://docs.google.com/javax/xml/transform/dom/DOMResult.html#DOMResult(org.w3c.dom.Node)), i.e. append the result nodes as the last child of the specified node.

systemId will be set to null.

**Parameters:**node - The DOM node that will contain the result tree.nextSibling - The child node where the result nodes should be inserted before. **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - If nextSibling is not a sibling of node or node is null and nextSibling is not null.**Since:** 1.5

### DOMResult

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

Use a DOM node to create a new output target specifying the child node where the result nodes should be inserted before and the specified System ID.

In practice, node and nextSibling should be a [Document](http://docs.google.com/org/w3c/dom/Document.html) node, a [DocumentFragment](http://docs.google.com/org/w3c/dom/DocumentFragment.html) node, or a [Element](http://docs.google.com/org/w3c/dom/Element.html) node. In other words, a node that accepts children.

Use nextSibling to specify the child node where the result nodes should be inserted before. If nextSibling is not a sibling of node, then an IllegalArgumentException is thrown. If node is null and nextSibling is not null, then an IllegalArgumentException is thrown. If nextSibling is null, then the behavior is the same as calling [DOMResult(Node node, String systemId)](http://docs.google.com/javax/xml/transform/dom/DOMResult.html#DOMResult(org.w3c.dom.Node,%20java.lang.String)), i.e. append the result nodes as the last child of the specified node and use the specified System ID.

**Parameters:**node - The DOM node that will contain the result tree.nextSibling - The child node where the result nodes should be inserted before.systemId - The system identifier which may be used in association with this node. **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - If nextSibling is not a sibling of node or node is null and nextSibling is not null.**Since:** 1.5

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

### setNode

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

Set the node that will contain the result DOM tree.

In practice, the node should be a [Document](http://docs.google.com/org/w3c/dom/Document.html) node, a [DocumentFragment](http://docs.google.com/org/w3c/dom/DocumentFragment.html) node, or a [Element](http://docs.google.com/org/w3c/dom/Element.html) node. In other words, a node that accepts children.

An IllegalStateException is thrown if nextSibling is not null and node is not a parent of nextSibling. An IllegalStateException is thrown if node is null and nextSibling is not null.

**Parameters:**node - The node to which the transformation will be appended. **Throws:** [IllegalStateException](http://docs.google.com/java/lang/IllegalStateException.html) - If nextSibling is not null and nextSibling is not a child of node or node is null and nextSibling is not null.

### getNode

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

Get the node that will contain the result DOM tree.

If no node was set via [DOMResult(Node node)](http://docs.google.com/javax/xml/transform/dom/DOMResult.html#DOMResult(org.w3c.dom.Node)), [DOMResult(Node node, String systeId)](http://docs.google.com/javax/xml/transform/dom/DOMResult.html#DOMResult(org.w3c.dom.Node,%20java.lang.String)), [DOMResult(Node node, Node nextSibling)](http://docs.google.com/javax/xml/transform/dom/DOMResult.html#DOMResult(org.w3c.dom.Node,%20org.w3c.dom.Node)), [DOMResult(Node node, Node nextSibling, String systemId)](http://docs.google.com/javax/xml/transform/dom/DOMResult.html#DOMResult(org.w3c.dom.Node,%20org.w3c.dom.Node,%20java.lang.String)) or [setNode(Node node)](http://docs.google.com/javax/xml/transform/dom/DOMResult.html#setNode(org.w3c.dom.Node)), then the node will be set by the transformation, and may be obtained from this method once the transformation is complete. Calling this method before the transformation will return null.

**Returns:**The node to which the transformation will be appended.

### setNextSibling

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

Set the child node before which the result nodes will be inserted.

Use nextSibling to specify the child node before which the result nodes should be inserted. If nextSibling is not a descendant of node, then an IllegalArgumentException is thrown. If node is null and nextSibling is not null, then an IllegalStateException is thrown. If nextSibling is null, then the behavior is the same as calling [DOMResult(Node node)](http://docs.google.com/javax/xml/transform/dom/DOMResult.html#DOMResult(org.w3c.dom.Node)), i.e. append the result nodes as the last child of the specified node.

**Parameters:**nextSibling - The child node before which the result nodes will be inserted. **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - If nextSibling is not a descendant of node. [IllegalStateException](http://docs.google.com/java/lang/IllegalStateException.html) - If node is null and nextSibling is not null.**Since:** 1.5

### getNextSibling

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

Get the child node before which the result nodes will be inserted.

If no node was set via [DOMResult(Node node, Node nextSibling)](http://docs.google.com/javax/xml/transform/dom/DOMResult.html#DOMResult(org.w3c.dom.Node,%20org.w3c.dom.Node)), [DOMResult(Node node, Node nextSibling, String systemId)](http://docs.google.com/javax/xml/transform/dom/DOMResult.html#DOMResult(org.w3c.dom.Node,%20org.w3c.dom.Node,%20java.lang.String)) or [setNextSibling(Node nextSibling)](http://docs.google.com/javax/xml/transform/dom/DOMResult.html#setNextSibling(org.w3c.dom.Node)), then null will be returned.

**Returns:**The child node before which the result nodes will be inserted.**Since:** 1.5

### 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 node.

**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.

### getSystemId

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

Get the System Identifier.

If no System ID was set via [DOMResult(Node node, String systemId)](http://docs.google.com/javax/xml/transform/dom/DOMResult.html#DOMResult(org.w3c.dom.Node,%20java.lang.String)), [DOMResult(Node node, Node nextSibling, String systemId)](http://docs.google.com/javax/xml/transform/dom/DOMResult.html#DOMResult(org.w3c.dom.Node,%20org.w3c.dom.Node,%20java.lang.String)) or [setSystemId(String systemId)](http://docs.google.com/javax/xml/transform/dom/DOMResult.html#setSystemId(java.lang.String)), then null will be returned.

**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.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/DOMResult.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/DOMLocator.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/transform/dom/DOMSource.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/transform/dom/DOMResult.html)    [**NO FRAMES**](http://docs.google.com/DOMResult.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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