| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/DOMStructure.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/crypto/dom/DOMCryptoContext.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/crypto/dom/DOMURIReference.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/crypto/dom/DOMStructure.html)    [**NO FRAMES**](http://docs.google.com/DOMStructure.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

## **javax.xml.crypto.dom**

Class DOMStructure

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

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

public class **DOMStructure**extends [Object](http://docs.google.com/java/lang/Object.html)implements [XMLStructure](http://docs.google.com/javax/xml/crypto/XMLStructure.html)

A DOM-specific [XMLStructure](http://docs.google.com/javax/xml/crypto/XMLStructure.html). The purpose of this class is to allow a DOM node to be used to represent extensible content (any elements or mixed content) in XML Signature structures.

If a sequence of nodes is needed, the node contained in the DOMStructure is the first node of the sequence and successive nodes can be accessed by invoking [Node.getNextSibling()](http://docs.google.com/org/w3c/dom/Node.html#getNextSibling()).

If the owner document of the DOMStructure is different than the target document of an XMLSignature, the [XMLSignature.sign(XMLSignContext)](http://docs.google.com/javax/xml/crypto/dsig/XMLSignature.html#sign(javax.xml.crypto.dsig.XMLSignContext)) method imports the node into the target document before generating the signature.

**Since:** 1.6

| **Constructor Summary** | |
| --- | --- |
| [**DOMStructure**](http://docs.google.com/javax/xml/crypto/dom/DOMStructure.html#DOMStructure(org.w3c.dom.Node))([Node](http://docs.google.com/org/w3c/dom/Node.html) node)            Creates a DOMStructure containing the specified node. |

| **Method Summary** | |
| --- | --- |
| [Node](http://docs.google.com/org/w3c/dom/Node.html) | [**getNode**](http://docs.google.com/javax/xml/crypto/dom/DOMStructure.html#getNode())()            Returns the node contained in this DOMStructure. |
| boolean | [**isFeatureSupported**](http://docs.google.com/javax/xml/crypto/dom/DOMStructure.html#isFeatureSupported(java.lang.String))([String](http://docs.google.com/java/lang/String.html) feature)            Indicates whether a specified feature is supported. |

| **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)) |

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

### DOMStructure

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

Creates a DOMStructure containing the specified node.

**Parameters:**node - the node **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if node is null

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

### getNode

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

Returns the node contained in this DOMStructure.

**Returns:**the node

### isFeatureSupported

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

**Description copied from interface:** [**XMLStructure**](http://docs.google.com/javax/xml/crypto/XMLStructure.html#isFeatureSupported(java.lang.String)) Indicates whether a specified feature is supported.

**Specified by:**[isFeatureSupported](http://docs.google.com/javax/xml/crypto/XMLStructure.html#isFeatureSupported(java.lang.String)) in interface [XMLStructure](http://docs.google.com/javax/xml/crypto/XMLStructure.html) **Parameters:**feature - the feature name (as an absolute URI) **Returns:**true if the specified feature is supported, false otherwise **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if feature is null

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/DOMStructure.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/crypto/dom/DOMCryptoContext.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/crypto/dom/DOMURIReference.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/crypto/dom/DOMStructure.html)    [**NO FRAMES**](http://docs.google.com/DOMStructure.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

[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).