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

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

Class DOMValidateContext

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

**All Implemented Interfaces:** [XMLValidateContext](http://docs.google.com/javax/xml/crypto/dsig/XMLValidateContext.html), [XMLCryptoContext](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html)

public class **DOMValidateContext**extends [DOMCryptoContext](http://docs.google.com/javax/xml/crypto/dom/DOMCryptoContext.html)implements [XMLValidateContext](http://docs.google.com/javax/xml/crypto/dsig/XMLValidateContext.html)

A DOM-specific [XMLValidateContext](http://docs.google.com/javax/xml/crypto/dsig/XMLValidateContext.html). This class contains additional methods to specify the location in a DOM tree where an [XMLSignature](http://docs.google.com/javax/xml/crypto/dsig/XMLSignature.html) is to be unmarshalled and validated from.

Note that the behavior of an unmarshalled XMLSignature is undefined if the contents of the underlying DOM tree are modified by the caller after the XMLSignature is created.

Also, note that DOMValidateContext instances can contain information and state specific to the XML signature structure it is used with. The results are unpredictable if a DOMValidateContext is used with different signature structures (for example, you should not use the same DOMValidateContext instance to validate two different [XMLSignature](http://docs.google.com/javax/xml/crypto/dsig/XMLSignature.html) objects).

**Since:** 1.6 **See Also:**[XMLSignatureFactory.unmarshalXMLSignature(XMLValidateContext)](http://docs.google.com/javax/xml/crypto/dsig/XMLSignatureFactory.html#unmarshalXMLSignature(javax.xml.crypto.dsig.XMLValidateContext))

| **Constructor Summary** | |
| --- | --- |
| [**DOMValidateContext**](http://docs.google.com/javax/xml/crypto/dsig/dom/DOMValidateContext.html#DOMValidateContext(java.security.Key,%20org.w3c.dom.Node))([Key](http://docs.google.com/java/security/Key.html) validatingKey, [Node](http://docs.google.com/org/w3c/dom/Node.html) node)            Creates a DOMValidateContext containing the specified key and node. |
| [**DOMValidateContext**](http://docs.google.com/javax/xml/crypto/dsig/dom/DOMValidateContext.html#DOMValidateContext(javax.xml.crypto.KeySelector,%20org.w3c.dom.Node))([KeySelector](http://docs.google.com/javax/xml/crypto/KeySelector.html) ks, [Node](http://docs.google.com/org/w3c/dom/Node.html) node)            Creates a DOMValidateContext containing the specified key selector and node. |

| **Method Summary** | |
| --- | --- |
| [Node](http://docs.google.com/org/w3c/dom/Node.html) | [**getNode**](http://docs.google.com/javax/xml/crypto/dsig/dom/DOMValidateContext.html#getNode())()            Returns the node. |
| void | [**setNode**](http://docs.google.com/javax/xml/crypto/dsig/dom/DOMValidateContext.html#setNode(org.w3c.dom.Node))([Node](http://docs.google.com/org/w3c/dom/Node.html) node)            Sets the node. |

| **Methods inherited from class javax.xml.crypto.dom.**[**DOMCryptoContext**](http://docs.google.com/javax/xml/crypto/dom/DOMCryptoContext.html) |
| --- |
| [get](http://docs.google.com/javax/xml/crypto/dom/DOMCryptoContext.html#get(java.lang.Object)), [getBaseURI](http://docs.google.com/javax/xml/crypto/dom/DOMCryptoContext.html#getBaseURI()), [getDefaultNamespacePrefix](http://docs.google.com/javax/xml/crypto/dom/DOMCryptoContext.html#getDefaultNamespacePrefix()), [getElementById](http://docs.google.com/javax/xml/crypto/dom/DOMCryptoContext.html#getElementById(java.lang.String)), [getKeySelector](http://docs.google.com/javax/xml/crypto/dom/DOMCryptoContext.html#getKeySelector()), [getNamespacePrefix](http://docs.google.com/javax/xml/crypto/dom/DOMCryptoContext.html#getNamespacePrefix(java.lang.String,%20java.lang.String)), [getProperty](http://docs.google.com/javax/xml/crypto/dom/DOMCryptoContext.html#getProperty(java.lang.String)), [getURIDereferencer](http://docs.google.com/javax/xml/crypto/dom/DOMCryptoContext.html#getURIDereferencer()), [iterator](http://docs.google.com/javax/xml/crypto/dom/DOMCryptoContext.html#iterator()), [put](http://docs.google.com/javax/xml/crypto/dom/DOMCryptoContext.html#put(java.lang.Object,%20java.lang.Object)), [putNamespacePrefix](http://docs.google.com/javax/xml/crypto/dom/DOMCryptoContext.html#putNamespacePrefix(java.lang.String,%20java.lang.String)), [setBaseURI](http://docs.google.com/javax/xml/crypto/dom/DOMCryptoContext.html#setBaseURI(java.lang.String)), [setDefaultNamespacePrefix](http://docs.google.com/javax/xml/crypto/dom/DOMCryptoContext.html#setDefaultNamespacePrefix(java.lang.String)), [setIdAttributeNS](http://docs.google.com/javax/xml/crypto/dom/DOMCryptoContext.html#setIdAttributeNS(org.w3c.dom.Element,%20java.lang.String,%20java.lang.String)), [setKeySelector](http://docs.google.com/javax/xml/crypto/dom/DOMCryptoContext.html#setKeySelector(javax.xml.crypto.KeySelector)), [setProperty](http://docs.google.com/javax/xml/crypto/dom/DOMCryptoContext.html#setProperty(java.lang.String,%20java.lang.Object)), [setURIDereferencer](http://docs.google.com/javax/xml/crypto/dom/DOMCryptoContext.html#setURIDereferencer(javax.xml.crypto.URIDereferencer)) |

| **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)) |

| **Methods inherited from interface javax.xml.crypto.**[**XMLCryptoContext**](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html) |
| --- |
| [get](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#get(java.lang.Object)), [getBaseURI](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#getBaseURI()), [getDefaultNamespacePrefix](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#getDefaultNamespacePrefix()), [getKeySelector](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#getKeySelector()), [getNamespacePrefix](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#getNamespacePrefix(java.lang.String,%20java.lang.String)), [getProperty](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#getProperty(java.lang.String)), [getURIDereferencer](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#getURIDereferencer()), [put](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#put(java.lang.Object,%20java.lang.Object)), [putNamespacePrefix](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#putNamespacePrefix(java.lang.String,%20java.lang.String)), [setBaseURI](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#setBaseURI(java.lang.String)), [setDefaultNamespacePrefix](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#setDefaultNamespacePrefix(java.lang.String)), [setKeySelector](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#setKeySelector(javax.xml.crypto.KeySelector)), [setProperty](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#setProperty(java.lang.String,%20java.lang.Object)), [setURIDereferencer](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#setURIDereferencer(javax.xml.crypto.URIDereferencer)) |

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

### DOMValidateContext

public **DOMValidateContext**([KeySelector](http://docs.google.com/javax/xml/crypto/KeySelector.html) ks,  
 [Node](http://docs.google.com/org/w3c/dom/Node.html) node)

Creates a DOMValidateContext containing the specified key selector and node.

**Parameters:**ks - a key selector for finding a validation keynode - the node **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if ks or node is null

### DOMValidateContext

public **DOMValidateContext**([Key](http://docs.google.com/java/security/Key.html) validatingKey,  
 [Node](http://docs.google.com/org/w3c/dom/Node.html) node)

Creates a DOMValidateContext containing the specified key and node. The validating key will be stored in a [singleton KeySelector](http://docs.google.com/javax/xml/crypto/KeySelector.html#singletonKeySelector(java.security.Key)) that is returned when the [getKeySelector](http://docs.google.com/javax/xml/crypto/dom/DOMCryptoContext.html#getKeySelector()) method is called.

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

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

### setNode

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

Sets the node.

**Parameters:**node - the node **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if node is null**See Also:**[getNode()](http://docs.google.com/javax/xml/crypto/dsig/dom/DOMValidateContext.html#getNode())

### getNode

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

Returns the node.

**Returns:**the node (never null)**See Also:**[setNode(Node)](http://docs.google.com/javax/xml/crypto/dsig/dom/DOMValidateContext.html#setNode(org.w3c.dom.Node))

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

[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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