| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/DOMCryptoContext.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/crypto/dom/DOMStructure.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/crypto/dom/DOMCryptoContext.html)    [**NO FRAMES**](http://docs.google.com/DOMCryptoContext.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 DOMCryptoContext

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

**All Implemented Interfaces:** [XMLCryptoContext](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html) **Direct Known Subclasses:** [DOMSignContext](http://docs.google.com/javax/xml/crypto/dsig/dom/DOMSignContext.html), [DOMValidateContext](http://docs.google.com/javax/xml/crypto/dsig/dom/DOMValidateContext.html)

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

This class provides a DOM-specific implementation of the [XMLCryptoContext](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html) interface. It also includes additional methods that are specific to a DOM-based implementation for registering and retrieving elements that contain attributes of type ID.

**Since:** 1.6

| **Constructor Summary** | |
| --- | --- |
| protected | [**DOMCryptoContext**](http://docs.google.com/javax/xml/crypto/dom/DOMCryptoContext.html#DOMCryptoContext())()            Default constructor. |

| **Method Summary** | |
| --- | --- |
| [Object](http://docs.google.com/java/lang/Object.html) | [**get**](http://docs.google.com/javax/xml/crypto/dom/DOMCryptoContext.html#get(java.lang.Object))([Object](http://docs.google.com/java/lang/Object.html) key)            This implementation uses an internal [HashMap](http://docs.google.com/java/util/HashMap.html) to get the object that the specified key maps to. |
| [String](http://docs.google.com/java/lang/String.html) | [**getBaseURI**](http://docs.google.com/javax/xml/crypto/dom/DOMCryptoContext.html#getBaseURI())()            Returns the base URI. |
| [String](http://docs.google.com/java/lang/String.html) | [**getDefaultNamespacePrefix**](http://docs.google.com/javax/xml/crypto/dom/DOMCryptoContext.html#getDefaultNamespacePrefix())()            Returns the default namespace prefix. |
| [Element](http://docs.google.com/org/w3c/dom/Element.html) | [**getElementById**](http://docs.google.com/javax/xml/crypto/dom/DOMCryptoContext.html#getElementById(java.lang.String))([String](http://docs.google.com/java/lang/String.html) idValue)            Returns the Element with the specified ID attribute value. |
| [KeySelector](http://docs.google.com/javax/xml/crypto/KeySelector.html) | [**getKeySelector**](http://docs.google.com/javax/xml/crypto/dom/DOMCryptoContext.html#getKeySelector())()            Returns the key selector for finding a key. |
| [String](http://docs.google.com/java/lang/String.html) | [**getNamespacePrefix**](http://docs.google.com/javax/xml/crypto/dom/DOMCryptoContext.html#getNamespacePrefix(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) namespaceURI, [String](http://docs.google.com/java/lang/String.html) defaultPrefix)            This implementation uses an internal [HashMap](http://docs.google.com/java/util/HashMap.html) to get the prefix that the specified URI maps to. |
| [Object](http://docs.google.com/java/lang/Object.html) | [**getProperty**](http://docs.google.com/javax/xml/crypto/dom/DOMCryptoContext.html#getProperty(java.lang.String))([String](http://docs.google.com/java/lang/String.html) name)            This implementation uses an internal [HashMap](http://docs.google.com/java/util/HashMap.html) to get the object that the specified name maps to. |
| [URIDereferencer](http://docs.google.com/javax/xml/crypto/URIDereferencer.html) | [**getURIDereferencer**](http://docs.google.com/javax/xml/crypto/dom/DOMCryptoContext.html#getURIDereferencer())()            Returns a URIDereferencer that is used to dereference [URIReference](http://docs.google.com/javax/xml/crypto/URIReference.html)s. |
| [Iterator](http://docs.google.com/java/util/Iterator.html) | [**iterator**](http://docs.google.com/javax/xml/crypto/dom/DOMCryptoContext.html#iterator())()            Returns a read-only iterator over the set of Id/Element mappings of this DOMCryptoContext. |
| [Object](http://docs.google.com/java/lang/Object.html) | [**put**](http://docs.google.com/javax/xml/crypto/dom/DOMCryptoContext.html#put(java.lang.Object,%20java.lang.Object))([Object](http://docs.google.com/java/lang/Object.html) key, [Object](http://docs.google.com/java/lang/Object.html) value)            This implementation uses an internal [HashMap](http://docs.google.com/java/util/HashMap.html) to map the key to the specified object. |
| [String](http://docs.google.com/java/lang/String.html) | [**putNamespacePrefix**](http://docs.google.com/javax/xml/crypto/dom/DOMCryptoContext.html#putNamespacePrefix(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) namespaceURI, [String](http://docs.google.com/java/lang/String.html) prefix)            This implementation uses an internal [HashMap](http://docs.google.com/java/util/HashMap.html) to map the URI to the specified prefix. |
| void | [**setBaseURI**](http://docs.google.com/javax/xml/crypto/dom/DOMCryptoContext.html#setBaseURI(java.lang.String))([String](http://docs.google.com/java/lang/String.html) baseURI)            Sets the base URI. |
| void | [**setDefaultNamespacePrefix**](http://docs.google.com/javax/xml/crypto/dom/DOMCryptoContext.html#setDefaultNamespacePrefix(java.lang.String))([String](http://docs.google.com/java/lang/String.html) defaultPrefix)            Sets the default namespace prefix. |
| void | [**setIdAttributeNS**](http://docs.google.com/javax/xml/crypto/dom/DOMCryptoContext.html#setIdAttributeNS(org.w3c.dom.Element,%20java.lang.String,%20java.lang.String))([Element](http://docs.google.com/org/w3c/dom/Element.html) element, [String](http://docs.google.com/java/lang/String.html) namespaceURI, [String](http://docs.google.com/java/lang/String.html) localName)            Registers the element's attribute specified by the namespace URI and local name to be of type ID. |
| void | [**setKeySelector**](http://docs.google.com/javax/xml/crypto/dom/DOMCryptoContext.html#setKeySelector(javax.xml.crypto.KeySelector))([KeySelector](http://docs.google.com/javax/xml/crypto/KeySelector.html) ks)            Sets the key selector for finding a key. |
| [Object](http://docs.google.com/java/lang/Object.html) | [**setProperty**](http://docs.google.com/javax/xml/crypto/dom/DOMCryptoContext.html#setProperty(java.lang.String,%20java.lang.Object))([String](http://docs.google.com/java/lang/String.html) name, [Object](http://docs.google.com/java/lang/Object.html) value)            This implementation uses an internal [HashMap](http://docs.google.com/java/util/HashMap.html) to map the name to the specified object. |
| void | [**setURIDereferencer**](http://docs.google.com/javax/xml/crypto/dom/DOMCryptoContext.html#setURIDereferencer(javax.xml.crypto.URIDereferencer))([URIDereferencer](http://docs.google.com/javax/xml/crypto/URIDereferencer.html) dereferencer)            Sets a URIDereferencer that is used to dereference [URIReference](http://docs.google.com/javax/xml/crypto/URIReference.html)s. |

| **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** |
| --- |

### DOMCryptoContext

protected **DOMCryptoContext**()

Default constructor. (For invocation by subclass constructors).

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

### getNamespacePrefix

public [String](http://docs.google.com/java/lang/String.html) **getNamespacePrefix**([String](http://docs.google.com/java/lang/String.html) namespaceURI,  
 [String](http://docs.google.com/java/lang/String.html) defaultPrefix)

This implementation uses an internal [HashMap](http://docs.google.com/java/util/HashMap.html) to get the prefix that the specified URI maps to. It returns the defaultPrefix if it maps to null.

**Specified by:**[getNamespacePrefix](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#getNamespacePrefix(java.lang.String,%20java.lang.String)) in interface [XMLCryptoContext](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html) **Parameters:**namespaceURI - a namespace URIdefaultPrefix - the prefix to be returned in the event that the the specified namespace URI has not been bound to a prefix. **Returns:**the prefix that is associated with the specified namespace URI, or defaultPrefix if the URI is not registered. If the namespace URI is registered but has no prefix, an empty string ("") is returned. **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if namespaceURI is null**See Also:**[XMLCryptoContext.putNamespacePrefix(String, String)](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#putNamespacePrefix(java.lang.String,%20java.lang.String))

### putNamespacePrefix

public [String](http://docs.google.com/java/lang/String.html) **putNamespacePrefix**([String](http://docs.google.com/java/lang/String.html) namespaceURI,  
 [String](http://docs.google.com/java/lang/String.html) prefix)

This implementation uses an internal [HashMap](http://docs.google.com/java/util/HashMap.html) to map the URI to the specified prefix.

**Specified by:**[putNamespacePrefix](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#putNamespacePrefix(java.lang.String,%20java.lang.String)) in interface [XMLCryptoContext](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html) **Parameters:**namespaceURI - a namespace URIprefix - a namespace prefix (or null to remove any existing mapping). Specifying the empty string ("") binds no prefix to the namespace URI. **Returns:**the previous prefix associated with the specified namespace URI, or null if there was none **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if namespaceURI is null**See Also:**[XMLCryptoContext.getNamespacePrefix(String, String)](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#getNamespacePrefix(java.lang.String,%20java.lang.String))

### getDefaultNamespacePrefix

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

**Description copied from interface:** [**XMLCryptoContext**](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#getDefaultNamespacePrefix()) Returns the default namespace prefix. The default namespace prefix is the prefix for all namespace URIs not explicitly set by the [putNamespacePrefix](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#putNamespacePrefix(java.lang.String,%20java.lang.String)) method.

**Specified by:**[getDefaultNamespacePrefix](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#getDefaultNamespacePrefix()) in interface [XMLCryptoContext](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html) **Returns:**the default namespace prefix, or null if none has been set.**See Also:**[XMLCryptoContext.setDefaultNamespacePrefix(String)](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#setDefaultNamespacePrefix(java.lang.String))

### setDefaultNamespacePrefix

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

**Description copied from interface:** [**XMLCryptoContext**](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#setDefaultNamespacePrefix(java.lang.String)) Sets the default namespace prefix. This sets the namespace prefix for all namespace URIs not explicitly set by the [putNamespacePrefix](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#putNamespacePrefix(java.lang.String,%20java.lang.String)) method.

**Specified by:**[setDefaultNamespacePrefix](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#setDefaultNamespacePrefix(java.lang.String)) in interface [XMLCryptoContext](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html) **Parameters:**defaultPrefix - the default namespace prefix, or null to remove the current setting. Specify the empty string ("") to bind no prefix.**See Also:**[XMLCryptoContext.getDefaultNamespacePrefix()](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#getDefaultNamespacePrefix())

### getBaseURI

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

**Description copied from interface:** [**XMLCryptoContext**](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#getBaseURI()) Returns the base URI.

**Specified by:**[getBaseURI](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#getBaseURI()) in interface [XMLCryptoContext](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html) **Returns:**the base URI, or null if not specified**See Also:**[XMLCryptoContext.setBaseURI(String)](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#setBaseURI(java.lang.String))

### setBaseURI

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

**Description copied from interface:** [**XMLCryptoContext**](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#setBaseURI(java.lang.String)) Sets the base URI.

**Specified by:**[setBaseURI](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#setBaseURI(java.lang.String)) in interface [XMLCryptoContext](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html) **Parameters:**baseURI - the base URI, or null to remove current value **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if baseURI is not RFC 2396 compliant**See Also:**[XMLCryptoContext.getBaseURI()](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#getBaseURI())

### getURIDereferencer

public [URIDereferencer](http://docs.google.com/javax/xml/crypto/URIDereferencer.html) **getURIDereferencer**()

**Description copied from interface:** [**XMLCryptoContext**](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#getURIDereferencer()) Returns a URIDereferencer that is used to dereference [URIReference](http://docs.google.com/javax/xml/crypto/URIReference.html)s.

**Specified by:**[getURIDereferencer](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#getURIDereferencer()) in interface [XMLCryptoContext](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html) **Returns:**the URIDereferencer, or null if not specified**See Also:**[XMLCryptoContext.setURIDereferencer(URIDereferencer)](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#setURIDereferencer(javax.xml.crypto.URIDereferencer))

### setURIDereferencer

public void **setURIDereferencer**([URIDereferencer](http://docs.google.com/javax/xml/crypto/URIDereferencer.html) dereferencer)

**Description copied from interface:** [**XMLCryptoContext**](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#setURIDereferencer(javax.xml.crypto.URIDereferencer)) Sets a URIDereferencer that is used to dereference [URIReference](http://docs.google.com/javax/xml/crypto/URIReference.html)s. The specified URIDereferencer is used in place of an implementation's default URIDereferencer.

**Specified by:**[setURIDereferencer](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#setURIDereferencer(javax.xml.crypto.URIDereferencer)) in interface [XMLCryptoContext](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html) **Parameters:**dereferencer - the URIDereferencer, or null to remove any current setting**See Also:**[XMLCryptoContext.getURIDereferencer()](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#getURIDereferencer())

### getProperty

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

This implementation uses an internal [HashMap](http://docs.google.com/java/util/HashMap.html) to get the object that the specified name maps to.

**Specified by:**[getProperty](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#getProperty(java.lang.String)) in interface [XMLCryptoContext](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html) **Parameters:**name - the name of the property **Returns:**the current value of the specified property, or null if it does not have a value **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if name is null**See Also:**[XMLCryptoContext.setProperty(String, Object)](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#setProperty(java.lang.String,%20java.lang.Object))

### setProperty

public [Object](http://docs.google.com/java/lang/Object.html) **setProperty**([String](http://docs.google.com/java/lang/String.html) name,  
 [Object](http://docs.google.com/java/lang/Object.html) value)

This implementation uses an internal [HashMap](http://docs.google.com/java/util/HashMap.html) to map the name to the specified object.

**Specified by:**[setProperty](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#setProperty(java.lang.String,%20java.lang.Object)) in interface [XMLCryptoContext](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html) **Parameters:**name - the name of the propertyvalue - the value of the property to be set **Returns:**the previous value of the specified property, or null if it did not have a value **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if name is null**See Also:**[XMLCryptoContext.getProperty(String)](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#getProperty(java.lang.String))

### getKeySelector

public [KeySelector](http://docs.google.com/javax/xml/crypto/KeySelector.html) **getKeySelector**()

**Description copied from interface:** [**XMLCryptoContext**](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#getKeySelector()) Returns the key selector for finding a key.

**Specified by:**[getKeySelector](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#getKeySelector()) in interface [XMLCryptoContext](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html) **Returns:**the key selector, or null if not specified**See Also:**[XMLCryptoContext.setKeySelector(KeySelector)](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#setKeySelector(javax.xml.crypto.KeySelector))

### setKeySelector

public void **setKeySelector**([KeySelector](http://docs.google.com/javax/xml/crypto/KeySelector.html) ks)

**Description copied from interface:** [**XMLCryptoContext**](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#setKeySelector(javax.xml.crypto.KeySelector)) Sets the key selector for finding a key.

**Specified by:**[setKeySelector](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#setKeySelector(javax.xml.crypto.KeySelector)) in interface [XMLCryptoContext](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html) **Parameters:**ks - the key selector, or null to remove the current setting**See Also:**[XMLCryptoContext.getKeySelector()](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#getKeySelector())

### getElementById

public [Element](http://docs.google.com/org/w3c/dom/Element.html) **getElementById**([String](http://docs.google.com/java/lang/String.html) idValue)

Returns the Element with the specified ID attribute value.

This implementation uses an internal [HashMap](http://docs.google.com/java/util/HashMap.html) to get the element that the specified attribute value maps to.

**Parameters:**idValue - the value of the ID **Returns:**the Element with the specified ID attribute value, or null if none. **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if idValue is null**See Also:**[setIdAttributeNS(org.w3c.dom.Element, java.lang.String, java.lang.String)](http://docs.google.com/javax/xml/crypto/dom/DOMCryptoContext.html#setIdAttributeNS(org.w3c.dom.Element,%20java.lang.String,%20java.lang.String))

### setIdAttributeNS

public void **setIdAttributeNS**([Element](http://docs.google.com/org/w3c/dom/Element.html) element,  
 [String](http://docs.google.com/java/lang/String.html) namespaceURI,  
 [String](http://docs.google.com/java/lang/String.html) localName)

Registers the element's attribute specified by the namespace URI and local name to be of type ID. The attribute must have a non-empty value.

This implementation uses an internal [HashMap](http://docs.google.com/java/util/HashMap.html) to map the attribute's value to the specified element.

**Parameters:**element - the elementnamespaceURI - the namespace URI of the attribute (specify null if not applicable)localName - the local name of the attribute **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if localName is not an attribute of the specified element or it does not contain a specific value [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if element or localName is null**See Also:**[getElementById(java.lang.String)](http://docs.google.com/javax/xml/crypto/dom/DOMCryptoContext.html#getElementById(java.lang.String))

### iterator

public [Iterator](http://docs.google.com/java/util/Iterator.html) **iterator**()

Returns a read-only iterator over the set of Id/Element mappings of this DOMCryptoContext. Attempts to modify the set via the [Iterator.remove()](http://docs.google.com/java/util/Iterator.html#remove()) method throw an UnsupportedOperationException. The mappings are returned in no particular order. Each element in the iteration is represented as a [Map.Entry](http://docs.google.com/java/util/Map.Entry.html). If the DOMCryptoContext is modified while an iteration is in progress, the results of the iteration are undefined.

**Returns:**a read-only iterator over the set of mappings

### get

public [Object](http://docs.google.com/java/lang/Object.html) **get**([Object](http://docs.google.com/java/lang/Object.html) key)

This implementation uses an internal [HashMap](http://docs.google.com/java/util/HashMap.html) to get the object that the specified key maps to.

**Specified by:**[get](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#get(java.lang.Object)) in interface [XMLCryptoContext](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html) **Parameters:**key - the key whose associated value is to be returned **Returns:**the value to which this context maps the specified key, or null if there is no mapping for the key**See Also:**[XMLCryptoContext.put(Object, Object)](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#put(java.lang.Object,%20java.lang.Object))

### put

public [Object](http://docs.google.com/java/lang/Object.html) **put**([Object](http://docs.google.com/java/lang/Object.html) key,  
 [Object](http://docs.google.com/java/lang/Object.html) value)

This implementation uses an internal [HashMap](http://docs.google.com/java/util/HashMap.html) to map the key to the specified object.

**Specified by:**[put](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#put(java.lang.Object,%20java.lang.Object)) in interface [XMLCryptoContext](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html) **Parameters:**key - key with which the specified value is to be associated withvalue - value to be associated with the specified key **Returns:**the previous value associated with the key, or null if there was no mapping for the key **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if some aspect of this key or value prevents it from being stored in this context**See Also:**[XMLCryptoContext.get(Object)](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#get(java.lang.Object))

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/DOMCryptoContext.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/crypto/dom/DOMStructure.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/crypto/dom/DOMCryptoContext.html)    [**NO FRAMES**](http://docs.google.com/DOMCryptoContext.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.

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