| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html) | **Use** | [**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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| PREV   NEXT | [**FRAMES**](http://docs.google.com/index.html?javax/xml/crypto//class-useXMLCryptoContext.html)    [**NO FRAMES**](http://docs.google.com/XMLCryptoContext.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Interface**

**javax.xml.crypto.XMLCryptoContext**

| Packages that use [XMLCryptoContext](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html) | |
| --- | --- |
| [**javax.xml.crypto**](#3znysh7) | Common classes for XML cryptography. |
| [**javax.xml.crypto.dom**](#2et92p0) | DOM-specific classes for the [javax.xml.crypto](http://docs.google.com/javax/xml/crypto/package-summary.html) package. |
| [**javax.xml.crypto.dsig**](#tyjcwt) | Classes for generating and validating XML digital signatures. |
| [**javax.xml.crypto.dsig.dom**](#3dy6vkm) | DOM-specific classes for the [javax.xml.crypto.dsig](http://docs.google.com/javax/xml/crypto/dsig/package-summary.html) package. |
| [**javax.xml.crypto.dsig.keyinfo**](#1t3h5sf) | Classes for parsing and processing [KeyInfo](http://docs.google.com/javax/xml/crypto/dsig/keyinfo/KeyInfo.html) elements and structures. |

| Uses of [XMLCryptoContext](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html) in [javax.xml.crypto](http://docs.google.com/javax/xml/crypto/package-summary.html) | |
| --- | --- |

| Methods in [javax.xml.crypto](http://docs.google.com/javax/xml/crypto/package-summary.html) with parameters of type [XMLCryptoContext](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html) | |
| --- | --- |
| [Data](http://docs.google.com/javax/xml/crypto/Data.html) | **URIDereferencer.**[**dereference**](http://docs.google.com/javax/xml/crypto/URIDereferencer.html#dereference(javax.xml.crypto.URIReference,%20javax.xml.crypto.XMLCryptoContext))([URIReference](http://docs.google.com/javax/xml/crypto/URIReference.html) uriReference, [XMLCryptoContext](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html) context)            Dereferences the specified URIReference and returns the dereferenced data. |
| abstract  [KeySelectorResult](http://docs.google.com/javax/xml/crypto/KeySelectorResult.html) | **KeySelector.**[**select**](http://docs.google.com/javax/xml/crypto/KeySelector.html#select(javax.xml.crypto.dsig.keyinfo.KeyInfo,%20javax.xml.crypto.KeySelector.Purpose,%20javax.xml.crypto.AlgorithmMethod,%20javax.xml.crypto.XMLCryptoContext))([KeyInfo](http://docs.google.com/javax/xml/crypto/dsig/keyinfo/KeyInfo.html) keyInfo, [KeySelector.Purpose](http://docs.google.com/javax/xml/crypto/KeySelector.Purpose.html) purpose, [AlgorithmMethod](http://docs.google.com/javax/xml/crypto/AlgorithmMethod.html) method, [XMLCryptoContext](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html) context)            Attempts to find a key that satisfies the specified constraints. |

| Uses of [XMLCryptoContext](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html) in [javax.xml.crypto.dom](http://docs.google.com/javax/xml/crypto/dom/package-summary.html) | |
| --- | --- |

| Classes in [javax.xml.crypto.dom](http://docs.google.com/javax/xml/crypto/dom/package-summary.html) that implement [XMLCryptoContext](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html) | |
| --- | --- |
| class | [**DOMCryptoContext**](http://docs.google.com/javax/xml/crypto/dom/DOMCryptoContext.html)            This class provides a DOM-specific implementation of the [XMLCryptoContext](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html) interface. |

| Uses of [XMLCryptoContext](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html) in [javax.xml.crypto.dsig](http://docs.google.com/javax/xml/crypto/dsig/package-summary.html) | |
| --- | --- |

| Subinterfaces of [XMLCryptoContext](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html) in [javax.xml.crypto.dsig](http://docs.google.com/javax/xml/crypto/dsig/package-summary.html) | |
| --- | --- |
| interface | [**XMLSignContext**](http://docs.google.com/javax/xml/crypto/dsig/XMLSignContext.html)            Contains context information for generating XML Signatures. |
| interface | [**XMLValidateContext**](http://docs.google.com/javax/xml/crypto/dsig/XMLValidateContext.html)            Contains context information for validating XML Signatures. |

| Methods in [javax.xml.crypto.dsig](http://docs.google.com/javax/xml/crypto/dsig/package-summary.html) with parameters of type [XMLCryptoContext](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html) | |
| --- | --- |
| abstract  void | **TransformService.**[**init**](http://docs.google.com/javax/xml/crypto/dsig/TransformService.html#init(javax.xml.crypto.XMLStructure,%20javax.xml.crypto.XMLCryptoContext))([XMLStructure](http://docs.google.com/javax/xml/crypto/XMLStructure.html) parent, [XMLCryptoContext](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html) context)            Initializes this TransformService with the specified parameters and document context. |
| abstract  void | **TransformService.**[**marshalParams**](http://docs.google.com/javax/xml/crypto/dsig/TransformService.html#marshalParams(javax.xml.crypto.XMLStructure,%20javax.xml.crypto.XMLCryptoContext))([XMLStructure](http://docs.google.com/javax/xml/crypto/XMLStructure.html) parent, [XMLCryptoContext](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html) context)            Marshals the algorithm-specific parameters. |
| [Data](http://docs.google.com/javax/xml/crypto/Data.html) | **Transform.**[**transform**](http://docs.google.com/javax/xml/crypto/dsig/Transform.html#transform(javax.xml.crypto.Data,%20javax.xml.crypto.XMLCryptoContext))([Data](http://docs.google.com/javax/xml/crypto/Data.html) data, [XMLCryptoContext](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html) context)            Transforms the specified data using the underlying transform algorithm. |
| [Data](http://docs.google.com/javax/xml/crypto/Data.html) | **Transform.**[**transform**](http://docs.google.com/javax/xml/crypto/dsig/Transform.html#transform(javax.xml.crypto.Data,%20javax.xml.crypto.XMLCryptoContext,%20java.io.OutputStream))([Data](http://docs.google.com/javax/xml/crypto/Data.html) data, [XMLCryptoContext](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html) context, [OutputStream](http://docs.google.com/java/io/OutputStream.html) os)            Transforms the specified data using the underlying transform algorithm. |

| Uses of [XMLCryptoContext](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html) in [javax.xml.crypto.dsig.dom](http://docs.google.com/javax/xml/crypto/dsig/dom/package-summary.html) | |
| --- | --- |

| Classes in [javax.xml.crypto.dsig.dom](http://docs.google.com/javax/xml/crypto/dsig/dom/package-summary.html) that implement [XMLCryptoContext](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html) | |
| --- | --- |
| class | [**DOMSignContext**](http://docs.google.com/javax/xml/crypto/dsig/dom/DOMSignContext.html)            A DOM-specific [XMLSignContext](http://docs.google.com/javax/xml/crypto/dsig/XMLSignContext.html). |
| class | [**DOMValidateContext**](http://docs.google.com/javax/xml/crypto/dsig/dom/DOMValidateContext.html)            A DOM-specific [XMLValidateContext](http://docs.google.com/javax/xml/crypto/dsig/XMLValidateContext.html). |

| Uses of [XMLCryptoContext](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html) in [javax.xml.crypto.dsig.keyinfo](http://docs.google.com/javax/xml/crypto/dsig/keyinfo/package-summary.html) | |
| --- | --- |

| Methods in [javax.xml.crypto.dsig.keyinfo](http://docs.google.com/javax/xml/crypto/dsig/keyinfo/package-summary.html) with parameters of type [XMLCryptoContext](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html) | |
| --- | --- |
| [Data](http://docs.google.com/javax/xml/crypto/Data.html) | **RetrievalMethod.**[**dereference**](http://docs.google.com/javax/xml/crypto/dsig/keyinfo/RetrievalMethod.html#dereference(javax.xml.crypto.XMLCryptoContext))([XMLCryptoContext](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html) context)            Dereferences the KeyInfo information referenced by this RetrievalMethod and applies the specified Transforms. |
| void | **KeyInfo.**[**marshal**](http://docs.google.com/javax/xml/crypto/dsig/keyinfo/KeyInfo.html#marshal(javax.xml.crypto.XMLStructure,%20javax.xml.crypto.XMLCryptoContext))([XMLStructure](http://docs.google.com/javax/xml/crypto/XMLStructure.html) parent, [XMLCryptoContext](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html) context)            Marshals the key info to XML. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html) | **Use** | [**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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| PREV   NEXT | [**FRAMES**](http://docs.google.com/index.html?javax/xml/crypto//class-useXMLCryptoContext.html)    [**NO FRAMES**](http://docs.google.com/XMLCryptoContext.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

[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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