| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/XMLSignContext.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/XMLSignatureFactory.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/crypto/dsig/XMLValidateContext.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/crypto/dsig/XMLSignContext.html)    [**NO FRAMES**](http://docs.google.com/XMLSignContext.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | METHOD | DETAIL: FIELD | CONSTR | METHOD |

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

Interface XMLSignContext

**All Superinterfaces:** [XMLCryptoContext](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html) **All Known Implementing Classes:** [DOMSignContext](http://docs.google.com/javax/xml/crypto/dsig/dom/DOMSignContext.html)

public interface **XMLSignContext**extends [XMLCryptoContext](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html)

Contains context information for generating XML Signatures. This interface is primarily intended for type-safety.

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

**Supported Properties**

The following properties can be set using the [setProperty](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#setProperty(java.lang.String,%20java.lang.Object)) method.

* javax.xml.crypto.dsig.cacheReference: value must be a [Boolean](http://docs.google.com/java/lang/Boolean.html). This property controls whether or not the digested [Reference](http://docs.google.com/javax/xml/crypto/dsig/Reference.html) objects will cache the dereferenced content and pre-digested input for subsequent retrieval via the [Reference.getDereferencedData](http://docs.google.com/javax/xml/crypto/dsig/Reference.html#getDereferencedData()) and [Reference.getDigestInputStream](http://docs.google.com/javax/xml/crypto/dsig/Reference.html#getDigestInputStream()) methods. The default value if not specified is Boolean.FALSE.

**Since:** 1.6 **See Also:**[XMLSignature.sign(XMLSignContext)](http://docs.google.com/javax/xml/crypto/dsig/XMLSignature.html#sign(javax.xml.crypto.dsig.XMLSignContext))

| **Method Summary** | |
| --- | --- |

| **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)) |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/XMLSignContext.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/XMLSignatureFactory.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/crypto/dsig/XMLValidateContext.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/crypto/dsig/XMLSignContext.html)    [**NO FRAMES**](http://docs.google.com/XMLSignContext.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | METHOD | DETAIL: FIELD | CONSTR | METHOD |

[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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