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

**Uses of Package**

**javax.xml.crypto**

| Packages that use [javax.xml.crypto](http://docs.google.com/javax/xml/crypto/package-summary.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. |
| [**javax.xml.crypto.dsig.spec**](#4d34og8) | Parameter classes for XML digital signatures. |

| Classes in [javax.xml.crypto](http://docs.google.com/javax/xml/crypto/package-summary.html) used by [javax.xml.crypto](http://docs.google.com/javax/xml/crypto/package-summary.html) | |
| --- | --- |
| [**AlgorithmMethod**](http://docs.google.com/javax/xml/crypto/class-use/AlgorithmMethod.html#javax.xml.crypto)            An abstract representation of an algorithm defined in the XML Security specifications. |
| [**Data**](http://docs.google.com/javax/xml/crypto/class-use/Data.html#javax.xml.crypto)            An abstract representation of the result of dereferencing a [URIReference](http://docs.google.com/javax/xml/crypto/URIReference.html) or the input/output of subsequent [Transform](http://docs.google.com/javax/xml/crypto/dsig/Transform.html)s. |
| [**KeySelector**](http://docs.google.com/javax/xml/crypto/class-use/KeySelector.html#javax.xml.crypto)            A selector that finds and returns a key using the data contained in a [KeyInfo](http://docs.google.com/javax/xml/crypto/dsig/keyinfo/KeyInfo.html) object. |
| [**KeySelector.Purpose**](http://docs.google.com/javax/xml/crypto/class-use/KeySelector.Purpose.html#javax.xml.crypto)            The purpose of the key that is to be selected. |
| [**KeySelectorException**](http://docs.google.com/javax/xml/crypto/class-use/KeySelectorException.html#javax.xml.crypto)            Indicates an exceptional condition thrown by a [KeySelector](http://docs.google.com/javax/xml/crypto/KeySelector.html). |
| [**KeySelectorResult**](http://docs.google.com/javax/xml/crypto/class-use/KeySelectorResult.html#javax.xml.crypto)            The result returned by the [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)) method. |
| [**URIDereferencer**](http://docs.google.com/javax/xml/crypto/class-use/URIDereferencer.html#javax.xml.crypto)            A dereferencer of [URIReference](http://docs.google.com/javax/xml/crypto/URIReference.html)s. |
| [**URIReference**](http://docs.google.com/javax/xml/crypto/class-use/URIReference.html#javax.xml.crypto)            Identifies a data object via a URI-Reference, as specified by [RFC 2396](http://www.ietf.org/rfc/rfc2396.txt). |
| [**URIReferenceException**](http://docs.google.com/javax/xml/crypto/class-use/URIReferenceException.html#javax.xml.crypto)            Indicates an exceptional condition thrown while dereferencing a [URIReference](http://docs.google.com/javax/xml/crypto/URIReference.html). |
| [**XMLCryptoContext**](http://docs.google.com/javax/xml/crypto/class-use/XMLCryptoContext.html#javax.xml.crypto)            Contains common context information for XML cryptographic operations. |

| Classes in [javax.xml.crypto](http://docs.google.com/javax/xml/crypto/package-summary.html) used by [javax.xml.crypto.dom](http://docs.google.com/javax/xml/crypto/dom/package-summary.html) | |
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| [**KeySelector**](http://docs.google.com/javax/xml/crypto/class-use/KeySelector.html#javax.xml.crypto.dom)            A selector that finds and returns a key using the data contained in a [KeyInfo](http://docs.google.com/javax/xml/crypto/dsig/keyinfo/KeyInfo.html) object. |
| [**URIDereferencer**](http://docs.google.com/javax/xml/crypto/class-use/URIDereferencer.html#javax.xml.crypto.dom)            A dereferencer of [URIReference](http://docs.google.com/javax/xml/crypto/URIReference.html)s. |
| [**URIReference**](http://docs.google.com/javax/xml/crypto/class-use/URIReference.html#javax.xml.crypto.dom)            Identifies a data object via a URI-Reference, as specified by [RFC 2396](http://www.ietf.org/rfc/rfc2396.txt). |
| [**XMLCryptoContext**](http://docs.google.com/javax/xml/crypto/class-use/XMLCryptoContext.html#javax.xml.crypto.dom)            Contains common context information for XML cryptographic operations. |
| [**XMLStructure**](http://docs.google.com/javax/xml/crypto/class-use/XMLStructure.html#javax.xml.crypto.dom)            A representation of an XML structure from any namespace. |

| Classes in [javax.xml.crypto](http://docs.google.com/javax/xml/crypto/package-summary.html) used by [javax.xml.crypto.dsig](http://docs.google.com/javax/xml/crypto/dsig/package-summary.html) | |
| --- | --- |
| [**AlgorithmMethod**](http://docs.google.com/javax/xml/crypto/class-use/AlgorithmMethod.html#javax.xml.crypto.dsig)            An abstract representation of an algorithm defined in the XML Security specifications. |
| [**Data**](http://docs.google.com/javax/xml/crypto/class-use/Data.html#javax.xml.crypto.dsig)            An abstract representation of the result of dereferencing a [URIReference](http://docs.google.com/javax/xml/crypto/URIReference.html) or the input/output of subsequent [Transform](http://docs.google.com/javax/xml/crypto/dsig/Transform.html)s. |
| [**KeySelectorResult**](http://docs.google.com/javax/xml/crypto/class-use/KeySelectorResult.html#javax.xml.crypto.dsig)            The result returned by the [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)) method. |
| [**MarshalException**](http://docs.google.com/javax/xml/crypto/class-use/MarshalException.html#javax.xml.crypto.dsig)            Indicates an exceptional condition that occured during the XML marshalling or unmarshalling process. |
| [**URIDereferencer**](http://docs.google.com/javax/xml/crypto/class-use/URIDereferencer.html#javax.xml.crypto.dsig)            A dereferencer of [URIReference](http://docs.google.com/javax/xml/crypto/URIReference.html)s. |
| [**URIReference**](http://docs.google.com/javax/xml/crypto/class-use/URIReference.html#javax.xml.crypto.dsig)            Identifies a data object via a URI-Reference, as specified by [RFC 2396](http://www.ietf.org/rfc/rfc2396.txt). |
| [**XMLCryptoContext**](http://docs.google.com/javax/xml/crypto/class-use/XMLCryptoContext.html#javax.xml.crypto.dsig)            Contains common context information for XML cryptographic operations. |
| [**XMLStructure**](http://docs.google.com/javax/xml/crypto/class-use/XMLStructure.html#javax.xml.crypto.dsig)            A representation of an XML structure from any namespace. |

| Classes in [javax.xml.crypto](http://docs.google.com/javax/xml/crypto/package-summary.html) used by [javax.xml.crypto.dsig.dom](http://docs.google.com/javax/xml/crypto/dsig/dom/package-summary.html) | |
| --- | --- |
| [**KeySelector**](http://docs.google.com/javax/xml/crypto/class-use/KeySelector.html#javax.xml.crypto.dsig.dom)            A selector that finds and returns a key using the data contained in a [KeyInfo](http://docs.google.com/javax/xml/crypto/dsig/keyinfo/KeyInfo.html) object. |
| [**XMLCryptoContext**](http://docs.google.com/javax/xml/crypto/class-use/XMLCryptoContext.html#javax.xml.crypto.dsig.dom)            Contains common context information for XML cryptographic operations. |

| Classes in [javax.xml.crypto](http://docs.google.com/javax/xml/crypto/package-summary.html) used by [javax.xml.crypto.dsig.keyinfo](http://docs.google.com/javax/xml/crypto/dsig/keyinfo/package-summary.html) | |
| --- | --- |
| [**Data**](http://docs.google.com/javax/xml/crypto/class-use/Data.html#javax.xml.crypto.dsig.keyinfo)            An abstract representation of the result of dereferencing a [URIReference](http://docs.google.com/javax/xml/crypto/URIReference.html) or the input/output of subsequent [Transform](http://docs.google.com/javax/xml/crypto/dsig/Transform.html)s. |
| [**MarshalException**](http://docs.google.com/javax/xml/crypto/class-use/MarshalException.html#javax.xml.crypto.dsig.keyinfo)            Indicates an exceptional condition that occured during the XML marshalling or unmarshalling process. |
| [**URIDereferencer**](http://docs.google.com/javax/xml/crypto/class-use/URIDereferencer.html#javax.xml.crypto.dsig.keyinfo)            A dereferencer of [URIReference](http://docs.google.com/javax/xml/crypto/URIReference.html)s. |
| [**URIReference**](http://docs.google.com/javax/xml/crypto/class-use/URIReference.html#javax.xml.crypto.dsig.keyinfo)            Identifies a data object via a URI-Reference, as specified by [RFC 2396](http://www.ietf.org/rfc/rfc2396.txt). |
| [**URIReferenceException**](http://docs.google.com/javax/xml/crypto/class-use/URIReferenceException.html#javax.xml.crypto.dsig.keyinfo)            Indicates an exceptional condition thrown while dereferencing a [URIReference](http://docs.google.com/javax/xml/crypto/URIReference.html). |
| [**XMLCryptoContext**](http://docs.google.com/javax/xml/crypto/class-use/XMLCryptoContext.html#javax.xml.crypto.dsig.keyinfo)            Contains common context information for XML cryptographic operations. |
| [**XMLStructure**](http://docs.google.com/javax/xml/crypto/class-use/XMLStructure.html#javax.xml.crypto.dsig.keyinfo)            A representation of an XML structure from any namespace. |

| Classes in [javax.xml.crypto](http://docs.google.com/javax/xml/crypto/package-summary.html) used by [javax.xml.crypto.dsig.spec](http://docs.google.com/javax/xml/crypto/dsig/spec/package-summary.html) | |
| --- | --- |
| [**XMLStructure**](http://docs.google.com/javax/xml/crypto/class-use/XMLStructure.html#javax.xml.crypto.dsig.spec)            A representation of an XML structure from any namespace. |

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