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

**Uses of Interface**

**javax.xml.crypto.Data**

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

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

| Subinterfaces of [Data](http://docs.google.com/javax/xml/crypto/Data.html) in [javax.xml.crypto](http://docs.google.com/javax/xml/crypto/package-summary.html) | |
| --- | --- |
| interface | [**NodeSetData**](http://docs.google.com/javax/xml/crypto/NodeSetData.html)            An abstract representation of a Data type containing a node-set. |

| Classes in [javax.xml.crypto](http://docs.google.com/javax/xml/crypto/package-summary.html) that implement [Data](http://docs.google.com/javax/xml/crypto/Data.html) | |
| --- | --- |
| class | [**OctetStreamData**](http://docs.google.com/javax/xml/crypto/OctetStreamData.html)            A representation of a Data type containing an octet stream. |

| Methods in [javax.xml.crypto](http://docs.google.com/javax/xml/crypto/package-summary.html) that return [Data](http://docs.google.com/javax/xml/crypto/Data.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. |

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

| Methods in [javax.xml.crypto.dsig](http://docs.google.com/javax/xml/crypto/dsig/package-summary.html) that return [Data](http://docs.google.com/javax/xml/crypto/Data.html) | |
| --- | --- |
| [Data](http://docs.google.com/javax/xml/crypto/Data.html) | **Reference.**[**getDereferencedData**](http://docs.google.com/javax/xml/crypto/dsig/Reference.html#getDereferencedData())()            Returns the dereferenced data, if [reference caching](http://docs.google.com/javax/xml/crypto/dsig/XMLSignContext.html#Supported%20Properties) is enabled. |
| [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. |

| Methods in [javax.xml.crypto.dsig](http://docs.google.com/javax/xml/crypto/dsig/package-summary.html) with parameters of type [Data](http://docs.google.com/javax/xml/crypto/Data.html) | |
| --- | --- |
| abstract  [Reference](http://docs.google.com/javax/xml/crypto/dsig/Reference.html) | **XMLSignatureFactory.**[**newReference**](http://docs.google.com/javax/xml/crypto/dsig/XMLSignatureFactory.html#newReference(java.lang.String,%20javax.xml.crypto.dsig.DigestMethod,%20java.util.List,%20javax.xml.crypto.Data,%20java.util.List,%20java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) uri, [DigestMethod](http://docs.google.com/javax/xml/crypto/dsig/DigestMethod.html) dm, [List](http://docs.google.com/java/util/List.html) appliedTransforms, [Data](http://docs.google.com/javax/xml/crypto/Data.html) result, [List](http://docs.google.com/java/util/List.html) transforms, [String](http://docs.google.com/java/lang/String.html) type, [String](http://docs.google.com/java/lang/String.html) id)            Creates a Reference with the specified 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 [Data](http://docs.google.com/javax/xml/crypto/Data.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) that return [Data](http://docs.google.com/javax/xml/crypto/Data.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. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/javax/xml/crypto/Data.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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[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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