| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/URIDereferencer.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/OctetStreamData.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/crypto/URIReference.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/crypto/URIDereferencer.html)    [**NO FRAMES**](http://docs.google.com/URIDereferencer.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#3znysh7) | DETAIL: FIELD | CONSTR | [METHOD](#2et92p0) |

## **javax.xml.crypto**

Interface URIDereferencer

public interface **URIDereferencer**

A dereferencer of [URIReference](http://docs.google.com/javax/xml/crypto/URIReference.html)s.

The result of dereferencing a URIReference is either an instance of [OctetStreamData](http://docs.google.com/javax/xml/crypto/OctetStreamData.html) or [NodeSetData](http://docs.google.com/javax/xml/crypto/NodeSetData.html). Unless the URIReference is a *same-document reference* as defined in section 4.2 of the W3C Recommendation for XML-Signature Syntax and Processing, the result of dereferencing the URIReference MUST be an OctetStreamData.

**Since:** 1.6 **See Also:**[XMLCryptoContext.setURIDereferencer(URIDereferencer)](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#setURIDereferencer(javax.xml.crypto.URIDereferencer)), [XMLCryptoContext.getURIDereferencer()](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html#getURIDereferencer())

| **Method Summary** | |
| --- | --- |
| [Data](http://docs.google.com/javax/xml/crypto/Data.html) | [**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. |

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

### dereference

[Data](http://docs.google.com/javax/xml/crypto/Data.html) **dereference**([URIReference](http://docs.google.com/javax/xml/crypto/URIReference.html) uriReference,  
 [XMLCryptoContext](http://docs.google.com/javax/xml/crypto/XMLCryptoContext.html) context)  
 throws [URIReferenceException](http://docs.google.com/javax/xml/crypto/URIReferenceException.html)

Dereferences the specified URIReference and returns the dereferenced data.

**Parameters:**uriReference - the URIReferencecontext - an XMLCryptoContext that may contain additional useful information for dereferencing the URI. This implementation should dereference the specified URIReference against the context's baseURI parameter, if specified. **Returns:**the dereferenced data **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if uriReference or context are null [URIReferenceException](http://docs.google.com/javax/xml/crypto/URIReferenceException.html) - if an exception occurs while dereferencing the specified uriReference

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/URIDereferencer.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/OctetStreamData.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/crypto/URIReference.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/crypto/URIDereferencer.html)    [**NO FRAMES**](http://docs.google.com/URIDereferencer.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#3znysh7) | DETAIL: FIELD | CONSTR | [METHOD](#2et92p0) |

[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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