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

## Package javax.xml.crypto.dsig.keyinfo

Classes for parsing and processing [KeyInfo](http://docs.google.com/javax/xml/crypto/dsig/keyinfo/KeyInfo.html) elements and structures.

**See:**

[**Description**](#3znysh7)

| **Interface Summary** | |
| --- | --- |
| [**KeyInfo**](http://docs.google.com/javax/xml/crypto/dsig/keyinfo/KeyInfo.html) | A representation of the XML KeyInfo element as defined in the  [W3C Recommendation for XML-Signature Syntax and Processing](http://www.w3.org/TR/xmldsig-core/). |
| [**KeyName**](http://docs.google.com/javax/xml/crypto/dsig/keyinfo/KeyName.html) | A representation of the XML KeyName element as defined in the  [W3C Recommendation for XML-Signature Syntax and Processing](http://www.w3.org/TR/xmldsig-core/). |
| [**KeyValue**](http://docs.google.com/javax/xml/crypto/dsig/keyinfo/KeyValue.html) | A representation of the XML KeyValue element as defined in the  [W3C Recommendation for XML-Signature Syntax and Processing](http://www.w3.org/TR/xmldsig-core/). |
| [**PGPData**](http://docs.google.com/javax/xml/crypto/dsig/keyinfo/PGPData.html) | A representation of the XML PGPData element as defined in the  [W3C Recommendation for XML-Signature Syntax and Processing](http://www.w3.org/TR/xmldsig-core/). |
| [**RetrievalMethod**](http://docs.google.com/javax/xml/crypto/dsig/keyinfo/RetrievalMethod.html) | A representation of the XML RetrievalMethod element as defined in the  [W3C Recommendation for XML-Signature Syntax and Processing](http://www.w3.org/TR/xmldsig-core/). |
| [**X509Data**](http://docs.google.com/javax/xml/crypto/dsig/keyinfo/X509Data.html) | A representation of the XML X509Data element as defined in the  [W3C Recommendation for XML-Signature Syntax and Processing](http://www.w3.org/TR/xmldsig-core/). |
| [**X509IssuerSerial**](http://docs.google.com/javax/xml/crypto/dsig/keyinfo/X509IssuerSerial.html) | A representation of the XML X509IssuerSerial element as defined in the  [W3C Recommendation for XML-Signature Syntax and Processing](http://www.w3.org/TR/xmldsig-core/). |

| **Class Summary** | |
| --- | --- |
| [**KeyInfoFactory**](http://docs.google.com/javax/xml/crypto/dsig/keyinfo/KeyInfoFactory.html) | A factory for creating [KeyInfo](http://docs.google.com/javax/xml/crypto/dsig/keyinfo/KeyInfo.html) objects from scratch or for unmarshalling a KeyInfo object from a corresponding XML representation. |

## Package javax.xml.crypto.dsig.keyinfo Description

Classes for parsing and processing [KeyInfo](http://docs.google.com/javax/xml/crypto/dsig/keyinfo/KeyInfo.html) elements and structures. KeyInfo is an optional element that enables the recipient(s) to obtain the key needed to validate an [XMLSignature](http://docs.google.com/javax/xml/crypto/dsig/XMLSignature.html). KeyInfo may contain keys, names, certificates and other public key management information, such as in-band key distribution or key agreement data. This package contains classes representing types defined in the W3C specification for XML Signatures, such as [KeyName](http://docs.google.com/javax/xml/crypto/dsig/keyinfo/KeyName.html), [KeyValue](http://docs.google.com/javax/xml/crypto/dsig/keyinfo/KeyValue.html), [RetrievalMethod](http://docs.google.com/javax/xml/crypto/dsig/keyinfo/RetrievalMethod.html), [X509Data](http://docs.google.com/javax/xml/crypto/dsig/keyinfo/X509Data.html), [X509IssuerSerial](http://docs.google.com/javax/xml/crypto/dsig/keyinfo/X509IssuerSerial.html), and [PGPData](http://docs.google.com/javax/xml/crypto/dsig/keyinfo/PGPData.html). [KeyInfoFactory](http://docs.google.com/javax/xml/crypto/dsig/keyinfo/KeyInfoFactory.html) is an abstract factory that creates KeyInfo objects from scratch.

## Package Specification

* [XML-Signature Syntax and Processing: W3C Recommendation](http://www.w3.org/TR/xmldsig-core/)
* [RFC 3275: XML-Signature Syntax and Processing](http://www.ietf.org/rfc/rfc3275.txt)

**Since:** 1.6

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

Copyright 2006 Sun Microsystems, Inc. All rights reserved. Use is subject to [license terms](http://docs.google.com/legal/license.html). Also see the [documentation redistribution policy](http://java.sun.com/docs/redist.html).