| | [**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/keyinfo/package-summary.html)   [**NEXT PACKAGE**](http://docs.google.com/javax/xml/datatype/package-summary.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/crypto/dsig/spec/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.spec

Parameter classes for XML digital signatures.

**See:**

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

| **Interface Summary** | |
| --- | --- |
| [**C14NMethodParameterSpec**](http://docs.google.com/javax/xml/crypto/dsig/spec/C14NMethodParameterSpec.html) | A specification of algorithm parameters for a [CanonicalizationMethod](http://docs.google.com/javax/xml/crypto/dsig/CanonicalizationMethod.html) Algorithm. |
| [**DigestMethodParameterSpec**](http://docs.google.com/javax/xml/crypto/dsig/spec/DigestMethodParameterSpec.html) | A specification of algorithm parameters for a [DigestMethod](http://docs.google.com/javax/xml/crypto/dsig/DigestMethod.html) algorithm. |
| [**SignatureMethodParameterSpec**](http://docs.google.com/javax/xml/crypto/dsig/spec/SignatureMethodParameterSpec.html) | A specification of algorithm parameters for an XML [SignatureMethod](http://docs.google.com/javax/xml/crypto/dsig/SignatureMethod.html) algorithm. |
| [**TransformParameterSpec**](http://docs.google.com/javax/xml/crypto/dsig/spec/TransformParameterSpec.html) | A specification of algorithm parameters for a [Transform](http://docs.google.com/javax/xml/crypto/dsig/Transform.html) algorithm. |

| **Class Summary** | |
| --- | --- |
| [**ExcC14NParameterSpec**](http://docs.google.com/javax/xml/crypto/dsig/spec/ExcC14NParameterSpec.html) | Parameters for the W3C Recommendation:  [Exclusive XML Canonicalization (C14N) algorithm](http://www.w3.org/TR/xml-exc-c14n/). |
| [**HMACParameterSpec**](http://docs.google.com/javax/xml/crypto/dsig/spec/HMACParameterSpec.html) | Parameters for the  [XML Signature HMAC Algorithm](http://www.w3.org/TR/xmldsig-core/#sec-MACs). |
| [**XPathFilter2ParameterSpec**](http://docs.google.com/javax/xml/crypto/dsig/spec/XPathFilter2ParameterSpec.html) | Parameters for the W3C Recommendation  [XPath Filter 2.0 Transform Algorithm](http://www.w3.org/TR/xmldsig-filter2/). |
| [**XPathFilterParameterSpec**](http://docs.google.com/javax/xml/crypto/dsig/spec/XPathFilterParameterSpec.html) | Parameters for the  [XPath Filtering Transform Algorithm](http://www.w3.org/TR/xmldsig-core/#sec-XPath). |
| [**XPathType**](http://docs.google.com/javax/xml/crypto/dsig/spec/XPathType.html) | The XML Schema Definition of the XPath element as defined in the  [W3C Recommendation for XML-Signature XPath Filter 2.0](http://www.w3.org/TR/xmldsig-filter2): |
| [**XPathType.Filter**](http://docs.google.com/javax/xml/crypto/dsig/spec/XPathType.Filter.html) | Represents the filter set operation. |
| [**XSLTTransformParameterSpec**](http://docs.google.com/javax/xml/crypto/dsig/spec/XSLTTransformParameterSpec.html) | Parameters for the  [XSLT Transform Algorithm](http://www.w3.org/TR/1999/REC-xslt-19991116). |

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

Parameter classes for XML digital signatures. This package contains interfaces and classes representing input parameters for the digest, signature, transform, or canonicalization algorithms used in the processing of XML signatures.

## 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)
* [Exclusive XML Canonicalization algorithm: W3C Recommendation](http://www.w3.org/TR/xml-exc-c14n/)
* [XPath Filter 2.0 Transform Algorithm: W3C Recommendation](http://www.w3.org/TR/xmldsig-filter2/)

**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/keyinfo/package-summary.html)   [**NEXT PACKAGE**](http://docs.google.com/javax/xml/datatype/package-summary.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/crypto/dsig/spec/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.

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