| | [**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/dsig/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.dsig**

| Packages that use [javax.xml.crypto.dsig](http://docs.google.com/javax/xml/crypto/dsig/package-summary.html) | |
| --- | --- |
| [**javax.xml.crypto.dsig**](#3znysh7) | Classes for generating and validating XML digital signatures. |
| [**javax.xml.crypto.dsig.dom**](#2et92p0) | DOM-specific classes for the [javax.xml.crypto.dsig](http://docs.google.com/javax/xml/crypto/dsig/package-summary.html) package. |

| Classes in [javax.xml.crypto.dsig](http://docs.google.com/javax/xml/crypto/dsig/package-summary.html) used by [javax.xml.crypto.dsig](http://docs.google.com/javax/xml/crypto/dsig/package-summary.html) | |
| --- | --- |
| [**CanonicalizationMethod**](http://docs.google.com/javax/xml/crypto/dsig/class-use/CanonicalizationMethod.html#javax.xml.crypto.dsig)            A representation of the XML CanonicalizationMethod element as defined in the  [W3C Recommendation for XML-Signature Syntax and Processing](http://www.w3.org/TR/xmldsig-core/). |
| [**DigestMethod**](http://docs.google.com/javax/xml/crypto/dsig/class-use/DigestMethod.html#javax.xml.crypto.dsig)            A representation of the XML DigestMethod element as defined in the  [W3C Recommendation for XML-Signature Syntax and Processing](http://www.w3.org/TR/xmldsig-core/). |
| [**Manifest**](http://docs.google.com/javax/xml/crypto/dsig/class-use/Manifest.html#javax.xml.crypto.dsig)            A representation of the XML Manifest element as defined in the  [W3C Recommendation for XML-Signature Syntax and Processing](http://www.w3.org/TR/xmldsig-core/). |
| [**Reference**](http://docs.google.com/javax/xml/crypto/dsig/class-use/Reference.html#javax.xml.crypto.dsig)            A representation of the Reference element as defined in the  [W3C Recommendation for XML-Signature Syntax and Processing](http://www.w3.org/TR/xmldsig-core/). |
| [**SignatureMethod**](http://docs.google.com/javax/xml/crypto/dsig/class-use/SignatureMethod.html#javax.xml.crypto.dsig)            A representation of the XML SignatureMethod element as defined in the  [W3C Recommendation for XML-Signature Syntax and Processing](http://www.w3.org/TR/xmldsig-core/). |
| [**SignatureProperties**](http://docs.google.com/javax/xml/crypto/dsig/class-use/SignatureProperties.html#javax.xml.crypto.dsig)            A representation of the XML SignatureProperties element as defined in the  [W3C Recommendation for XML-Signature Syntax and Processing](http://www.w3.org/TR/xmldsig-core/). |
| [**SignatureProperty**](http://docs.google.com/javax/xml/crypto/dsig/class-use/SignatureProperty.html#javax.xml.crypto.dsig)            A representation of the XML SignatureProperty element as defined in the  [W3C Recommendation for XML-Signature Syntax and Processing](http://www.w3.org/TR/xmldsig-core/). |
| [**SignedInfo**](http://docs.google.com/javax/xml/crypto/dsig/class-use/SignedInfo.html#javax.xml.crypto.dsig)            An representation of the XML SignedInfo element as defined in the  [W3C Recommendation for XML-Signature Syntax and Processing](http://www.w3.org/TR/xmldsig-core/). |
| [**Transform**](http://docs.google.com/javax/xml/crypto/dsig/class-use/Transform.html#javax.xml.crypto.dsig)            A representation of the XML Transform element as defined in the  [W3C Recommendation for XML-Signature Syntax and Processing](http://www.w3.org/TR/xmldsig-core/). |
| [**TransformException**](http://docs.google.com/javax/xml/crypto/dsig/class-use/TransformException.html#javax.xml.crypto.dsig)            Indicates an exceptional condition that occured while executing a transform algorithm. |
| [**TransformService**](http://docs.google.com/javax/xml/crypto/dsig/class-use/TransformService.html#javax.xml.crypto.dsig)            A Service Provider Interface for transform and canonicalization algorithms. |
| [**XMLObject**](http://docs.google.com/javax/xml/crypto/dsig/class-use/XMLObject.html#javax.xml.crypto.dsig)            A representation of the XML Object element as defined in the  [W3C Recommendation for XML-Signature Syntax and Processing](http://www.w3.org/TR/xmldsig-core/). |
| [**XMLSignature**](http://docs.google.com/javax/xml/crypto/dsig/class-use/XMLSignature.html#javax.xml.crypto.dsig)            A representation of the XML Signature element as defined in the  [W3C Recommendation for XML-Signature Syntax and Processing](http://www.w3.org/TR/xmldsig-core/). |
| [**XMLSignature.SignatureValue**](http://docs.google.com/javax/xml/crypto/dsig/class-use/XMLSignature.SignatureValue.html#javax.xml.crypto.dsig)            A representation of the XML SignatureValue element as defined in the  [W3C Recommendation for XML-Signature Syntax and Processing](http://www.w3.org/TR/xmldsig-core/). |
| [**XMLSignatureException**](http://docs.google.com/javax/xml/crypto/dsig/class-use/XMLSignatureException.html#javax.xml.crypto.dsig)            Indicates an exceptional condition that occured during the XML signature generation or validation process. |
| [**XMLSignatureFactory**](http://docs.google.com/javax/xml/crypto/dsig/class-use/XMLSignatureFactory.html#javax.xml.crypto.dsig)            A factory for creating [XMLSignature](http://docs.google.com/javax/xml/crypto/dsig/XMLSignature.html) objects from scratch or for unmarshalling an XMLSignature object from a corresponding XML representation. |
| [**XMLSignContext**](http://docs.google.com/javax/xml/crypto/dsig/class-use/XMLSignContext.html#javax.xml.crypto.dsig)            Contains context information for generating XML Signatures. |
| [**XMLValidateContext**](http://docs.google.com/javax/xml/crypto/dsig/class-use/XMLValidateContext.html#javax.xml.crypto.dsig)            Contains context information for validating XML Signatures. |

| Classes in [javax.xml.crypto.dsig](http://docs.google.com/javax/xml/crypto/dsig/package-summary.html) used by [javax.xml.crypto.dsig.dom](http://docs.google.com/javax/xml/crypto/dsig/dom/package-summary.html) | |
| --- | --- |
| [**XMLSignContext**](http://docs.google.com/javax/xml/crypto/dsig/class-use/XMLSignContext.html#javax.xml.crypto.dsig.dom)            Contains context information for generating XML Signatures. |
| [**XMLValidateContext**](http://docs.google.com/javax/xml/crypto/dsig/class-use/XMLValidateContext.html#javax.xml.crypto.dsig.dom)            Contains context information for validating XML Signatures. |

| | [**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*** |
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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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