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

## **javax.xml.crypto.dsig**

Interface SignatureProperty

**All Superinterfaces:** [XMLStructure](http://docs.google.com/javax/xml/crypto/XMLStructure.html)

public interface **SignatureProperty**extends [XMLStructure](http://docs.google.com/javax/xml/crypto/XMLStructure.html)

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/). The XML Schema Definition is defined as:

<element name="SignatureProperty" type="ds:SignaturePropertyType"/>   
 <complexType name="SignaturePropertyType" mixed="true">  
 <choice maxOccurs="unbounded">   
 <any namespace="##other" processContents="lax"/>  
 <!-- (1,1) elements from (1, unbounded) namespaces -->  
 </choice>  
 <attribute name="Target" type="anyURI" use="required"/>   
 <attribute name="Id" type="ID" use="optional"/>   
 </complexType>

A SignatureProperty instance may be created by invoking the [newSignatureProperty](http://docs.google.com/javax/xml/crypto/dsig/XMLSignatureFactory.html#newSignatureProperty(java.util.List,%20java.lang.String,%20java.lang.String)) method of the [XMLSignatureFactory](http://docs.google.com/javax/xml/crypto/dsig/XMLSignatureFactory.html) class; for example:

XMLSignatureFactory factory = XMLSignatureFactory.getInstance("DOM");  
 SignatureProperty property = factory.newSignatureProperty  
 (Collections.singletonList(content), "#Signature-1", "TimeStamp");

**Since:** 1.6 **See Also:**[XMLSignatureFactory.newSignatureProperty(List, String, String)](http://docs.google.com/javax/xml/crypto/dsig/XMLSignatureFactory.html#newSignatureProperty(java.util.List,%20java.lang.String,%20java.lang.String)), [SignatureProperties](http://docs.google.com/javax/xml/crypto/dsig/SignatureProperties.html)

| **Method Summary** | |
| --- | --- |
| [List](http://docs.google.com/java/util/List.html) | [**getContent**](http://docs.google.com/javax/xml/crypto/dsig/SignatureProperty.html#getContent())()            Returns an [unmodifiable list](http://docs.google.com/java/util/Collections.html#unmodifiableList(java.util.List)) of one or more [XMLStructure](http://docs.google.com/javax/xml/crypto/XMLStructure.html)s that are contained in this SignatureProperty. |
| [String](http://docs.google.com/java/lang/String.html) | [**getId**](http://docs.google.com/javax/xml/crypto/dsig/SignatureProperty.html#getId())()            Returns the Id of this SignatureProperty. |
| [String](http://docs.google.com/java/lang/String.html) | [**getTarget**](http://docs.google.com/javax/xml/crypto/dsig/SignatureProperty.html#getTarget())()            Returns the target URI of this SignatureProperty. |

| **Methods inherited from interface javax.xml.crypto.**[**XMLStructure**](http://docs.google.com/javax/xml/crypto/XMLStructure.html) |
| --- |
| [isFeatureSupported](http://docs.google.com/javax/xml/crypto/XMLStructure.html#isFeatureSupported(java.lang.String)) |

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

### getTarget

[String](http://docs.google.com/java/lang/String.html) **getTarget**()

Returns the target URI of this SignatureProperty.

**Returns:**the target URI of this SignatureProperty (never null)

### getId

[String](http://docs.google.com/java/lang/String.html) **getId**()

Returns the Id of this SignatureProperty.

**Returns:**the Id of this SignatureProperty (or null if not specified)

### getContent

[List](http://docs.google.com/java/util/List.html) **getContent**()

Returns an [unmodifiable list](http://docs.google.com/java/util/Collections.html#unmodifiableList(java.util.List)) of one or more [XMLStructure](http://docs.google.com/javax/xml/crypto/XMLStructure.html)s that are contained in this SignatureProperty. These represent additional information items concerning the generation of the [XMLSignature](http://docs.google.com/javax/xml/crypto/dsig/XMLSignature.html) (i.e. date/time stamp or serial numbers of cryptographic hardware used in signature generation).

**Returns:**an unmodifiable list of one or more XMLStructures

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/SignatureProperty.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*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#3znysh7) | DETAIL: FIELD | CONSTR | [METHOD](#tyjcwt) |

[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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