| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/AlgorithmMethod.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   [**NEXT CLASS**](http://docs.google.com/javax/xml/crypto/Data.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/crypto/AlgorithmMethod.html)    [**NO FRAMES**](http://docs.google.com/AlgorithmMethod.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 AlgorithmMethod

**All Known Subinterfaces:** [CanonicalizationMethod](http://docs.google.com/javax/xml/crypto/dsig/CanonicalizationMethod.html), [DigestMethod](http://docs.google.com/javax/xml/crypto/dsig/DigestMethod.html), [SignatureMethod](http://docs.google.com/javax/xml/crypto/dsig/SignatureMethod.html), [Transform](http://docs.google.com/javax/xml/crypto/dsig/Transform.html) **All Known Implementing Classes:** [TransformService](http://docs.google.com/javax/xml/crypto/dsig/TransformService.html)

public interface **AlgorithmMethod**

An abstract representation of an algorithm defined in the XML Security specifications. Subclasses represent specific types of XML security algorithms, such as a [Transform](http://docs.google.com/javax/xml/crypto/dsig/Transform.html).

**Since:** 1.6

| **Method Summary** | |
| --- | --- |
| [String](http://docs.google.com/java/lang/String.html) | [**getAlgorithm**](http://docs.google.com/javax/xml/crypto/AlgorithmMethod.html#getAlgorithm())()            Returns the algorithm URI of this AlgorithmMethod. |
| [AlgorithmParameterSpec](http://docs.google.com/java/security/spec/AlgorithmParameterSpec.html) | [**getParameterSpec**](http://docs.google.com/javax/xml/crypto/AlgorithmMethod.html#getParameterSpec())()            Returns the algorithm parameters of this AlgorithmMethod. |

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

### getAlgorithm

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

Returns the algorithm URI of this AlgorithmMethod.

**Returns:**the algorithm URI of this AlgorithmMethod

### getParameterSpec

[AlgorithmParameterSpec](http://docs.google.com/java/security/spec/AlgorithmParameterSpec.html) **getParameterSpec**()

Returns the algorithm parameters of this AlgorithmMethod.

**Returns:**the algorithm parameters of this AlgorithmMethod. Returns null if this AlgorithmMethod does not require parameters and they are not specified.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/AlgorithmMethod.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   [**NEXT CLASS**](http://docs.google.com/javax/xml/crypto/Data.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/crypto/AlgorithmMethod.html)    [**NO FRAMES**](http://docs.google.com/AlgorithmMethod.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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