| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/HMACParameterSpec.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/spec/ExcC14NParameterSpec.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/crypto/dsig/spec/SignatureMethodParameterSpec.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/crypto/dsig/spec/HMACParameterSpec.html)    [**NO FRAMES**](http://docs.google.com/HMACParameterSpec.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

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

Class HMACParameterSpec

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **javax.xml.crypto.dsig.spec.HMACParameterSpec**

**All Implemented Interfaces:** [AlgorithmParameterSpec](http://docs.google.com/java/security/spec/AlgorithmParameterSpec.html), [SignatureMethodParameterSpec](http://docs.google.com/javax/xml/crypto/dsig/spec/SignatureMethodParameterSpec.html)

public final class **HMACParameterSpec**extends [Object](http://docs.google.com/java/lang/Object.html)implements [SignatureMethodParameterSpec](http://docs.google.com/javax/xml/crypto/dsig/spec/SignatureMethodParameterSpec.html)

Parameters for the  [XML Signature HMAC Algorithm](http://www.w3.org/TR/xmldsig-core/#sec-MACs). The parameters include an optional output length which specifies the MAC truncation length in bits. The resulting HMAC will be truncated to the specified number of bits. If the parameter is not specified, then this implies that all the bits of the hash are to be output. The XML Schema Definition of the HMACOutputLength element is defined as:

<element name="HMACOutputLength" minOccurs="0" type="ds:HMACOutputLengthType"/>  
 <simpleType name="HMACOutputLengthType">  
 <restriction base="integer"/>  
 </simpleType>

**Since:** 1.6 **See Also:**[SignatureMethod](http://docs.google.com/javax/xml/crypto/dsig/SignatureMethod.html), [RFC 2104](http://www.ietf.org/rfc/rfc2104.txt)

| **Constructor Summary** | |
| --- | --- |
| [**HMACParameterSpec**](http://docs.google.com/javax/xml/crypto/dsig/spec/HMACParameterSpec.html#HMACParameterSpec(int))(int outputLength)            Creates an HMACParameterSpec with the specified truncation length. |

| **Method Summary** | |
| --- | --- |
| int | [**getOutputLength**](http://docs.google.com/javax/xml/crypto/dsig/spec/HMACParameterSpec.html#getOutputLength())()            Returns the truncation length. |

| **Methods inherited from class java.lang.**[**Object**](http://docs.google.com/java/lang/Object.html) |
| --- |
| [clone](http://docs.google.com/java/lang/Object.html#clone()), [equals](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)), [finalize](http://docs.google.com/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [hashCode](http://docs.google.com/java/lang/Object.html#hashCode()), [notify](http://docs.google.com/java/lang/Object.html#notify()), [notifyAll](http://docs.google.com/java/lang/Object.html#notifyAll()), [toString](http://docs.google.com/java/lang/Object.html#toString()), [wait](http://docs.google.com/java/lang/Object.html#wait()), [wait](http://docs.google.com/java/lang/Object.html#wait(long)), [wait](http://docs.google.com/java/lang/Object.html#wait(long,%20int)) |

| **Constructor Detail** |
| --- |

### HMACParameterSpec

public **HMACParameterSpec**(int outputLength)

Creates an HMACParameterSpec with the specified truncation length.

**Parameters:**outputLength - the truncation length in number of bits

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

### getOutputLength

public int **getOutputLength**()

Returns the truncation length.

**Returns:**the truncation length in number of bits

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/HMACParameterSpec.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/spec/ExcC14NParameterSpec.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/crypto/dsig/spec/SignatureMethodParameterSpec.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/crypto/dsig/spec/HMACParameterSpec.html)    [**NO FRAMES**](http://docs.google.com/HMACParameterSpec.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

[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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