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

## **java.security.spec**

Class ECGenParameterSpec

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **java.security.spec.ECGenParameterSpec**

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

public class **ECGenParameterSpec**extends [Object](http://docs.google.com/java/lang/Object.html)implements [AlgorithmParameterSpec](http://docs.google.com/java/security/spec/AlgorithmParameterSpec.html)

This immutable class specifies the set of parameters used for generating elliptic curve (EC) domain parameters.

**Since:** 1.5 **See Also:**[AlgorithmParameterSpec](http://docs.google.com/java/security/spec/AlgorithmParameterSpec.html)

| **Constructor Summary** | |
| --- | --- |
| [**ECGenParameterSpec**](http://docs.google.com/java/security/spec/ECGenParameterSpec.html#ECGenParameterSpec(java.lang.String))([String](http://docs.google.com/java/lang/String.html) stdName)            Creates a parameter specification for EC parameter generation using a standard (or predefined) name stdName in order to generate the corresponding (precomputed) elliptic curve domain parameters. |

| **Method Summary** | |
| --- | --- |
| [String](http://docs.google.com/java/lang/String.html) | [**getName**](http://docs.google.com/java/security/spec/ECGenParameterSpec.html#getName())()            Returns the standard or predefined name of the to-be-generated EC domain parameters. |

| **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** |
| --- |

### ECGenParameterSpec

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

Creates a parameter specification for EC parameter generation using a standard (or predefined) name stdName in order to generate the corresponding (precomputed) elliptic curve domain parameters. For the list of supported names, please consult the documentation of provider whose implementation will be used.

**Parameters:**stdName - the standard name of the to-be-generated EC domain parameters. **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if stdName is null.

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

### getName

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

Returns the standard or predefined name of the to-be-generated EC domain parameters.

**Returns:**the standard or predefined name.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/ECGenParameterSpec.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/java/security/spec/ECFieldFp.html)   [**NEXT CLASS**](http://docs.google.com/java/security/spec/ECParameterSpec.html) | [**FRAMES**](http://docs.google.com/index.html?java/security/spec/ECGenParameterSpec.html)    [**NO FRAMES**](http://docs.google.com/ECGenParameterSpec.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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