| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/security/spec/ECPoint.html) | **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?java/security/spec//class-useECPoint.html)    [**NO FRAMES**](http://docs.google.com/ECPoint.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Class**

**java.security.spec.ECPoint**

| Packages that use [ECPoint](http://docs.google.com/java/security/spec/ECPoint.html) | |
| --- | --- |
| [**java.security.interfaces**](#3znysh7) | Provides interfaces for generating RSA (Rivest, Shamir and Adleman AsymmetricCipher algorithm) keys as defined in the RSA Laboratory Technical Note PKCS#1, and DSA (Digital Signature Algorithm) keys as defined in NIST's FIPS-186. |
| [**java.security.spec**](#2et92p0) | Provides classes and interfaces for key specifications and algorithm parameter specifications. |

| Uses of [ECPoint](http://docs.google.com/java/security/spec/ECPoint.html) in [java.security.interfaces](http://docs.google.com/java/security/interfaces/package-summary.html) | |
| --- | --- |

| Methods in [java.security.interfaces](http://docs.google.com/java/security/interfaces/package-summary.html) that return [ECPoint](http://docs.google.com/java/security/spec/ECPoint.html) | |
| --- | --- |
| [ECPoint](http://docs.google.com/java/security/spec/ECPoint.html) | **ECPublicKey.**[**getW**](http://docs.google.com/java/security/interfaces/ECPublicKey.html#getW())()            Returns the public point W. |

| Uses of [ECPoint](http://docs.google.com/java/security/spec/ECPoint.html) in [java.security.spec](http://docs.google.com/java/security/spec/package-summary.html) | |
| --- | --- |

| Fields in [java.security.spec](http://docs.google.com/java/security/spec/package-summary.html) declared as [ECPoint](http://docs.google.com/java/security/spec/ECPoint.html) | |
| --- | --- |
| static [ECPoint](http://docs.google.com/java/security/spec/ECPoint.html) | **ECPoint.**[**POINT\_INFINITY**](http://docs.google.com/java/security/spec/ECPoint.html#POINT_INFINITY)            This defines the point at infinity. |

| Methods in [java.security.spec](http://docs.google.com/java/security/spec/package-summary.html) that return [ECPoint](http://docs.google.com/java/security/spec/ECPoint.html) | |
| --- | --- |
| [ECPoint](http://docs.google.com/java/security/spec/ECPoint.html) | **ECParameterSpec.**[**getGenerator**](http://docs.google.com/java/security/spec/ECParameterSpec.html#getGenerator())()            Returns the generator which is also known as the base point. |
| [ECPoint](http://docs.google.com/java/security/spec/ECPoint.html) | **ECPublicKeySpec.**[**getW**](http://docs.google.com/java/security/spec/ECPublicKeySpec.html#getW())()            Returns the public point W. |

| Constructors in [java.security.spec](http://docs.google.com/java/security/spec/package-summary.html) with parameters of type [ECPoint](http://docs.google.com/java/security/spec/ECPoint.html) | |
| --- | --- |
| [**ECParameterSpec**](http://docs.google.com/java/security/spec/ECParameterSpec.html#ECParameterSpec(java.security.spec.EllipticCurve,%20java.security.spec.ECPoint,%20java.math.BigInteger,%20int))([EllipticCurve](http://docs.google.com/java/security/spec/EllipticCurve.html) curve, [ECPoint](http://docs.google.com/java/security/spec/ECPoint.html) g, [BigInteger](http://docs.google.com/java/math/BigInteger.html) n, int h)            Creates elliptic curve domain parameters based on the specified values. |
| [**ECPublicKeySpec**](http://docs.google.com/java/security/spec/ECPublicKeySpec.html#ECPublicKeySpec(java.security.spec.ECPoint,%20java.security.spec.ECParameterSpec))([ECPoint](http://docs.google.com/java/security/spec/ECPoint.html) w, [ECParameterSpec](http://docs.google.com/java/security/spec/ECParameterSpec.html) params)            Creates a new ECPublicKeySpec with the specified parameter values. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/security/spec/ECPoint.html) | **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?java/security/spec//class-useECPoint.html)    [**NO FRAMES**](http://docs.google.com/ECPoint.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

[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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