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

**Uses of Interface**

**java.security.spec.ECField**

| Packages that use [ECField](http://docs.google.com/java/security/spec/ECField.html) | |
| --- | --- |
| [**java.security.spec**](#3znysh7) | Provides classes and interfaces for key specifications and algorithm parameter specifications. |

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

| Classes in [java.security.spec](http://docs.google.com/java/security/spec/package-summary.html) that implement [ECField](http://docs.google.com/java/security/spec/ECField.html) | |
| --- | --- |
| class | [**ECFieldF2m**](http://docs.google.com/java/security/spec/ECFieldF2m.html)            This immutable class defines an elliptic curve (EC) characteristic 2 finite field. |
| class | [**ECFieldFp**](http://docs.google.com/java/security/spec/ECFieldFp.html)            This immutable class defines an elliptic curve (EC) prime finite field. |

| Methods in [java.security.spec](http://docs.google.com/java/security/spec/package-summary.html) that return [ECField](http://docs.google.com/java/security/spec/ECField.html) | |
| --- | --- |
| [ECField](http://docs.google.com/java/security/spec/ECField.html) | **EllipticCurve.**[**getField**](http://docs.google.com/java/security/spec/EllipticCurve.html#getField())()            Returns the finite field field that this elliptic curve is over. |

| Constructors in [java.security.spec](http://docs.google.com/java/security/spec/package-summary.html) with parameters of type [ECField](http://docs.google.com/java/security/spec/ECField.html) | |
| --- | --- |
| [**EllipticCurve**](http://docs.google.com/java/security/spec/EllipticCurve.html#EllipticCurve(java.security.spec.ECField,%20java.math.BigInteger,%20java.math.BigInteger))([ECField](http://docs.google.com/java/security/spec/ECField.html) field, [BigInteger](http://docs.google.com/java/math/BigInteger.html) a, [BigInteger](http://docs.google.com/java/math/BigInteger.html) b)            Creates an elliptic curve with the specified elliptic field field and the coefficients a and b. |
| [**EllipticCurve**](http://docs.google.com/java/security/spec/EllipticCurve.html#EllipticCurve(java.security.spec.ECField,%20java.math.BigInteger,%20java.math.BigInteger,%20byte%5B%5D))([ECField](http://docs.google.com/java/security/spec/ECField.html) field, [BigInteger](http://docs.google.com/java/math/BigInteger.html) a, [BigInteger](http://docs.google.com/java/math/BigInteger.html) b, byte[] seed)            Creates an elliptic curve with the specified elliptic field field, the coefficients a and b, and the seed used for curve generation. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/security/spec/ECField.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*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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[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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