| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/ECField.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/DSAPublicKeySpec.html)   [**NEXT CLASS**](http://docs.google.com/java/security/spec/ECFieldF2m.html) | [**FRAMES**](http://docs.google.com/index.html?java/security/spec/ECField.html)    [**NO FRAMES**](http://docs.google.com/ECField.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#3znysh7) | DETAIL: FIELD | CONSTR | [METHOD](#2et92p0) |

## **java.security.spec**

Interface ECField

**All Known Implementing Classes:** [ECFieldF2m](http://docs.google.com/java/security/spec/ECFieldF2m.html), [ECFieldFp](http://docs.google.com/java/security/spec/ECFieldFp.html)

public interface **ECField**

This interface represents an elliptic curve (EC) finite field. All specialized EC fields must implements this interface.

**Since:** 1.5 **See Also:**[ECFieldFp](http://docs.google.com/java/security/spec/ECFieldFp.html), [ECFieldF2m](http://docs.google.com/java/security/spec/ECFieldF2m.html)

| **Method Summary** | |
| --- | --- |
| int | [**getFieldSize**](http://docs.google.com/java/security/spec/ECField.html#getFieldSize())()            Returns the field size in bits. |

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

### getFieldSize

int **getFieldSize**()

Returns the field size in bits. Note: For prime finite field ECFieldFp, size of prime p in bits is returned. For characteristic 2 finite field ECFieldF2m, m is returned.

**Returns:**the field size in 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/ECField.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/DSAPublicKeySpec.html)   [**NEXT CLASS**](http://docs.google.com/java/security/spec/ECFieldF2m.html) | [**FRAMES**](http://docs.google.com/index.html?java/security/spec/ECField.html)    [**NO FRAMES**](http://docs.google.com/ECField.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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