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

## **java.security.interfaces**

Interface ECKey

**All Known Subinterfaces:** [ECPrivateKey](http://docs.google.com/java/security/interfaces/ECPrivateKey.html), [ECPublicKey](http://docs.google.com/java/security/interfaces/ECPublicKey.html)

public interface **ECKey**

The interface to an elliptic curve (EC) key.

**Since:** 1.5

| **Method Summary** | |
| --- | --- |
| [ECParameterSpec](http://docs.google.com/java/security/spec/ECParameterSpec.html) | [**getParams**](http://docs.google.com/java/security/interfaces/ECKey.html#getParams())()            Returns the domain parameters associated with this key. |

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

### getParams

[ECParameterSpec](http://docs.google.com/java/security/spec/ECParameterSpec.html) **getParams**()

Returns the domain parameters associated with this key. The domain parameters are either explicitly specified or implicitly created during key generation.

**Returns:**the associated domain parameters.

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