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

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

public interface **DSAParams**

Interface to a DSA-specific set of key parameters, which defines a DSA *key family*. DSA (Digital Signature Algorithm) is defined in NIST's FIPS-186.

**See Also:**[DSAKey](http://docs.google.com/java/security/interfaces/DSAKey.html), [Key](http://docs.google.com/java/security/Key.html), [Signature](http://docs.google.com/java/security/Signature.html)

| **Method Summary** | |
| --- | --- |
| [BigInteger](http://docs.google.com/java/math/BigInteger.html) | [**getG**](http://docs.google.com/java/security/interfaces/DSAParams.html#getG())()            Returns the base, g. |
| [BigInteger](http://docs.google.com/java/math/BigInteger.html) | [**getP**](http://docs.google.com/java/security/interfaces/DSAParams.html#getP())()            Returns the prime, p. |
| [BigInteger](http://docs.google.com/java/math/BigInteger.html) | [**getQ**](http://docs.google.com/java/security/interfaces/DSAParams.html#getQ())()            Returns the subprime, q. |

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

### getP

[BigInteger](http://docs.google.com/java/math/BigInteger.html) **getP**()

Returns the prime, p.

**Returns:**the prime, p.

### getQ

[BigInteger](http://docs.google.com/java/math/BigInteger.html) **getQ**()

Returns the subprime, q.

**Returns:**the subprime, q.

### getG

[BigInteger](http://docs.google.com/java/math/BigInteger.html) **getG**()

Returns the base, g.

**Returns:**the base, g.

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

Copyright 2006 Sun Microsystems, Inc. All rights reserved. Use is subject to [license terms](http://docs.google.com/legal/license.html). Also see the [documentation redistribution policy](http://java.sun.com/docs/redist.html).