| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | Class | **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/math/package-use.html)    [**NO FRAMES**](http://docs.google.com/package-use.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Package**

**java.math**

| Packages that use [java.math](http://docs.google.com/java/math/package-summary.html) | |
| --- | --- |
| [**java.awt.image**](#3znysh7) | Provides classes for creating and modifying images. |
| [**java.math**](#2et92p0) | Provides classes for performing arbitrary-precision integer arithmetic (BigInteger) and arbitrary-precision decimal arithmetic (BigDecimal). |
| [**java.security.cert**](#tyjcwt) | Provides classes and interfaces for parsing and managing certificates, certificate revocation lists (CRLs), and certification paths. |
| [**java.security.interfaces**](#3dy6vkm) | 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**](#1t3h5sf) | Provides classes and interfaces for key specifications and algorithm parameter specifications. |
| [**java.sql**](#4d34og8) | Provides the API for accessing and processing data stored in a data source (usually a relational database) using the JavaTM programming language. |
| [**java.text**](#2s8eyo1) | Provides classes and interfaces for handling text, dates, numbers, and messages in a manner independent of natural languages. |
| [**java.util**](#17dp8vu) | Contains the collections framework, legacy collection classes, event model, date and time facilities, internationalization, and miscellaneous utility classes (a string tokenizer, a random-number generator, and a bit array). |
| [**javax.crypto.interfaces**](#3rdcrjn) | Provides interfaces for Diffie-Hellman keys as defined in RSA Laboratories' PKCS #3. |
| [**javax.crypto.spec**](#26in1rg) | Provides classes and interfaces for key specifications and algorithm parameter specifications. |
| [**javax.management.openmbean**](#lnxbz9) | Provides the open data types and Open MBean descriptor classes. |
| [**javax.sql**](#35nkun2) | Provides the API for server side data source access and processing from the JavaTM programming language. |
| [**javax.sql.rowset**](#1ksv4uv) | Standard interfaces and base classes for JDBC RowSet implementations. |
| [**javax.sql.rowset.serial**](#44sinio) | Provides utility classes to allow serializable mappings between SQL types and data types in the Java programming language. |
| [**javax.xml.bind**](#2jxsxqh) | Provides a runtime binding framework for client applications including unmarshalling, marshalling, and validation capabilities. |
| [**javax.xml.crypto.dsig.keyinfo**](#z337ya) | Classes for parsing and processing [KeyInfo](http://docs.google.com/javax/xml/crypto/dsig/keyinfo/KeyInfo.html) elements and structures. |
| [**javax.xml.datatype**](#3j2qqm3) | XML/Java Type Mappings. |
| [**org.omg.CORBA**](#1y810tw) | Provides the mapping of the OMG CORBA APIs to the JavaTM programming language, including the class ORB, which is implemented so that a programmer can use it as a fully-functional Object Request Broker (ORB). |
| [**org.omg.CORBA.portable**](#4i7ojhp) | Provides a portability layer, that is, a set of ORB APIs that makes it possible for code generated by one vendor to run on another vendor's ORB. |

| Classes in [java.math](http://docs.google.com/java/math/package-summary.html) used by [java.awt.image](http://docs.google.com/java/awt/image/package-summary.html) | |
| --- | --- |
| [**BigInteger**](http://docs.google.com/java/math/class-use/BigInteger.html#java.awt.image)            Immutable arbitrary-precision integers. |

| Classes in [java.math](http://docs.google.com/java/math/package-summary.html) used by [java.math](http://docs.google.com/java/math/package-summary.html) | |
| --- | --- |
| [**BigDecimal**](http://docs.google.com/java/math/class-use/BigDecimal.html#java.math)            Immutable, arbitrary-precision signed decimal numbers. |
| [**BigInteger**](http://docs.google.com/java/math/class-use/BigInteger.html#java.math)            Immutable arbitrary-precision integers. |
| [**MathContext**](http://docs.google.com/java/math/class-use/MathContext.html#java.math)            Immutable objects which encapsulate the context settings which describe certain rules for numerical operators, such as those implemented by the [BigDecimal](http://docs.google.com/java/math/BigDecimal.html) class. |
| [**RoundingMode**](http://docs.google.com/java/math/class-use/RoundingMode.html#java.math)            Specifies a *rounding behavior* for numerical operations capable of discarding precision. |

| Classes in [java.math](http://docs.google.com/java/math/package-summary.html) used by [java.security.cert](http://docs.google.com/java/security/cert/package-summary.html) | |
| --- | --- |
| [**BigInteger**](http://docs.google.com/java/math/class-use/BigInteger.html#java.security.cert)            Immutable arbitrary-precision integers. |

| Classes in [java.math](http://docs.google.com/java/math/package-summary.html) used by [java.security.interfaces](http://docs.google.com/java/security/interfaces/package-summary.html) | |
| --- | --- |
| [**BigInteger**](http://docs.google.com/java/math/class-use/BigInteger.html#java.security.interfaces)            Immutable arbitrary-precision integers. |

| Classes in [java.math](http://docs.google.com/java/math/package-summary.html) used by [java.security.spec](http://docs.google.com/java/security/spec/package-summary.html) | |
| --- | --- |
| [**BigInteger**](http://docs.google.com/java/math/class-use/BigInteger.html#java.security.spec)            Immutable arbitrary-precision integers. |

| Classes in [java.math](http://docs.google.com/java/math/package-summary.html) used by [java.sql](http://docs.google.com/java/sql/package-summary.html) | |
| --- | --- |
| [**BigDecimal**](http://docs.google.com/java/math/class-use/BigDecimal.html#java.sql)            Immutable, arbitrary-precision signed decimal numbers. |

| Classes in [java.math](http://docs.google.com/java/math/package-summary.html) used by [java.text](http://docs.google.com/java/text/package-summary.html) | |
| --- | --- |
| [**RoundingMode**](http://docs.google.com/java/math/class-use/RoundingMode.html#java.text)            Specifies a *rounding behavior* for numerical operations capable of discarding precision. |

| Classes in [java.math](http://docs.google.com/java/math/package-summary.html) used by [java.util](http://docs.google.com/java/util/package-summary.html) | |
| --- | --- |
| [**BigDecimal**](http://docs.google.com/java/math/class-use/BigDecimal.html#java.util)            Immutable, arbitrary-precision signed decimal numbers. |
| [**BigInteger**](http://docs.google.com/java/math/class-use/BigInteger.html#java.util)            Immutable arbitrary-precision integers. |

| Classes in [java.math](http://docs.google.com/java/math/package-summary.html) used by [javax.crypto.interfaces](http://docs.google.com/javax/crypto/interfaces/package-summary.html) | |
| --- | --- |
| [**BigInteger**](http://docs.google.com/java/math/class-use/BigInteger.html#javax.crypto.interfaces)            Immutable arbitrary-precision integers. |

| Classes in [java.math](http://docs.google.com/java/math/package-summary.html) used by [javax.crypto.spec](http://docs.google.com/javax/crypto/spec/package-summary.html) | |
| --- | --- |
| [**BigInteger**](http://docs.google.com/java/math/class-use/BigInteger.html#javax.crypto.spec)            Immutable arbitrary-precision integers. |

| Classes in [java.math](http://docs.google.com/java/math/package-summary.html) used by [javax.management.openmbean](http://docs.google.com/javax/management/openmbean/package-summary.html) | |
| --- | --- |
| [**BigDecimal**](http://docs.google.com/java/math/class-use/BigDecimal.html#javax.management.openmbean)            Immutable, arbitrary-precision signed decimal numbers. |
| [**BigInteger**](http://docs.google.com/java/math/class-use/BigInteger.html#javax.management.openmbean)            Immutable arbitrary-precision integers. |

| Classes in [java.math](http://docs.google.com/java/math/package-summary.html) used by [javax.sql](http://docs.google.com/javax/sql/package-summary.html) | |
| --- | --- |
| [**BigDecimal**](http://docs.google.com/java/math/class-use/BigDecimal.html#javax.sql)            Immutable, arbitrary-precision signed decimal numbers. |

| Classes in [java.math](http://docs.google.com/java/math/package-summary.html) used by [javax.sql.rowset](http://docs.google.com/javax/sql/rowset/package-summary.html) | |
| --- | --- |
| [**BigDecimal**](http://docs.google.com/java/math/class-use/BigDecimal.html#javax.sql.rowset)            Immutable, arbitrary-precision signed decimal numbers. |

| Classes in [java.math](http://docs.google.com/java/math/package-summary.html) used by [javax.sql.rowset.serial](http://docs.google.com/javax/sql/rowset/serial/package-summary.html) | |
| --- | --- |
| [**BigDecimal**](http://docs.google.com/java/math/class-use/BigDecimal.html#javax.sql.rowset.serial)            Immutable, arbitrary-precision signed decimal numbers. |

| Classes in [java.math](http://docs.google.com/java/math/package-summary.html) used by [javax.xml.bind](http://docs.google.com/javax/xml/bind/package-summary.html) | |
| --- | --- |
| [**BigDecimal**](http://docs.google.com/java/math/class-use/BigDecimal.html#javax.xml.bind)            Immutable, arbitrary-precision signed decimal numbers. |
| [**BigInteger**](http://docs.google.com/java/math/class-use/BigInteger.html#javax.xml.bind)            Immutable arbitrary-precision integers. |

| Classes in [java.math](http://docs.google.com/java/math/package-summary.html) used by [javax.xml.crypto.dsig.keyinfo](http://docs.google.com/javax/xml/crypto/dsig/keyinfo/package-summary.html) | |
| --- | --- |
| [**BigInteger**](http://docs.google.com/java/math/class-use/BigInteger.html#javax.xml.crypto.dsig.keyinfo)            Immutable arbitrary-precision integers. |

| Classes in [java.math](http://docs.google.com/java/math/package-summary.html) used by [javax.xml.datatype](http://docs.google.com/javax/xml/datatype/package-summary.html) | |
| --- | --- |
| [**BigDecimal**](http://docs.google.com/java/math/class-use/BigDecimal.html#javax.xml.datatype)            Immutable, arbitrary-precision signed decimal numbers. |
| [**BigInteger**](http://docs.google.com/java/math/class-use/BigInteger.html#javax.xml.datatype)            Immutable arbitrary-precision integers. |

| Classes in [java.math](http://docs.google.com/java/math/package-summary.html) used by [org.omg.CORBA](http://docs.google.com/org/omg/CORBA/package-summary.html) | |
| --- | --- |
| [**BigDecimal**](http://docs.google.com/java/math/class-use/BigDecimal.html#org.omg.CORBA)            Immutable, arbitrary-precision signed decimal numbers. |

| Classes in [java.math](http://docs.google.com/java/math/package-summary.html) used by [org.omg.CORBA.portable](http://docs.google.com/org/omg/CORBA/portable/package-summary.html) | |
| --- | --- |
| [**BigDecimal**](http://docs.google.com/java/math/class-use/BigDecimal.html#org.omg.CORBA.portable)            Immutable, arbitrary-precision signed decimal numbers. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | Class | **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/math/package-use.html)    [**NO FRAMES**](http://docs.google.com/package-use.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.

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).