| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/util/Random.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/util//class-useRandom.html)    [**NO FRAMES**](http://docs.google.com/Random.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Class**

**java.util.Random**

| Packages that use [Random](http://docs.google.com/java/util/Random.html) | |
| --- | --- |
| [**java.math**](#3znysh7) | Provides classes for performing arbitrary-precision integer arithmetic (BigInteger) and arbitrary-precision decimal arithmetic (BigDecimal). |
| [**java.security**](#2et92p0) | Provides the classes and interfaces for the security framework. |
| [**java.util**](#tyjcwt) | 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). |

| Uses of [Random](http://docs.google.com/java/util/Random.html) in [java.math](http://docs.google.com/java/math/package-summary.html) | |
| --- | --- |

| Methods in [java.math](http://docs.google.com/java/math/package-summary.html) with parameters of type [Random](http://docs.google.com/java/util/Random.html) | |
| --- | --- |
| static [BigInteger](http://docs.google.com/java/math/BigInteger.html) | **BigInteger.**[**probablePrime**](http://docs.google.com/java/math/BigInteger.html#probablePrime(int,%20java.util.Random))(int bitLength, [Random](http://docs.google.com/java/util/Random.html) rnd)            Returns a positive BigInteger that is probably prime, with the specified bitLength. |

| Constructors in [java.math](http://docs.google.com/java/math/package-summary.html) with parameters of type [Random](http://docs.google.com/java/util/Random.html) | |
| --- | --- |
| [**BigInteger**](http://docs.google.com/java/math/BigInteger.html#BigInteger(int,%20int,%20java.util.Random))(int bitLength, int certainty, [Random](http://docs.google.com/java/util/Random.html) rnd)            Constructs a randomly generated positive BigInteger that is probably prime, with the specified bitLength. |
| [**BigInteger**](http://docs.google.com/java/math/BigInteger.html#BigInteger(int,%20java.util.Random))(int numBits, [Random](http://docs.google.com/java/util/Random.html) rnd)            Constructs a randomly generated BigInteger, uniformly distributed over the range 0 to (2numBits - 1), inclusive. |

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

| Subclasses of [Random](http://docs.google.com/java/util/Random.html) in [java.security](http://docs.google.com/java/security/package-summary.html) | |
| --- | --- |
| class | [**SecureRandom**](http://docs.google.com/java/security/SecureRandom.html)            This class provides a cryptographically strong random number generator (RNG). |

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

| Methods in [java.util](http://docs.google.com/java/util/package-summary.html) with parameters of type [Random](http://docs.google.com/java/util/Random.html) | |
| --- | --- |
| static void | **Collections.**[**shuffle**](http://docs.google.com/java/util/Collections.html#shuffle(java.util.List,%20java.util.Random))([List](http://docs.google.com/java/util/List.html)<?> list, [Random](http://docs.google.com/java/util/Random.html) rnd)            Randomly permute the specified list using the specified source of randomness. |

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