| | [**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/util/concurrent/atomic/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.util.concurrent.atomic**

| Packages that use [java.util.concurrent.atomic](http://docs.google.com/java/util/concurrent/atomic/package-summary.html) | |
| --- | --- |
| [**java.util.concurrent.atomic**](#3znysh7) | A small toolkit of classes that support lock-free thread-safe programming on single variables. |

| Classes in [java.util.concurrent.atomic](http://docs.google.com/java/util/concurrent/atomic/package-summary.html) used by [java.util.concurrent.atomic](http://docs.google.com/java/util/concurrent/atomic/package-summary.html) | |
| --- | --- |
| [**AtomicIntegerFieldUpdater**](http://docs.google.com/java/util/concurrent/atomic/class-use/AtomicIntegerFieldUpdater.html#java.util.concurrent.atomic)            A reflection-based utility that enables atomic updates to designated volatile int fields of designated classes. |
| [**AtomicLongFieldUpdater**](http://docs.google.com/java/util/concurrent/atomic/class-use/AtomicLongFieldUpdater.html#java.util.concurrent.atomic)            A reflection-based utility that enables atomic updates to designated volatile long fields of designated classes. |
| [**AtomicReferenceFieldUpdater**](http://docs.google.com/java/util/concurrent/atomic/class-use/AtomicReferenceFieldUpdater.html#java.util.concurrent.atomic)            A reflection-based utility that enables atomic updates to designated volatile reference fields of designated classes. |

| | [**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/util/concurrent/atomic/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.

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