| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | Class | Use | **Tree** | [**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**](http://docs.google.com/java/util/concurrent/atomic/package-tree.html)   [**NEXT**](http://docs.google.com/java/util/jar/package-tree.html) | [**FRAMES**](http://docs.google.com/index.html?java/util/concurrent/locks/package-tree.html)    [**NO FRAMES**](http://docs.google.com/package-tree.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

Hierarchy For Package java.util.concurrent.locks

**Package Hierarchies:**[All Packages](http://docs.google.com/overview-tree.html)

## Class Hierarchy

* java.lang.[**Object**](http://docs.google.com/java/lang/Object.html)
  + java.util.concurrent.locks.[**AbstractOwnableSynchronizer**](http://docs.google.com/java/util/concurrent/locks/AbstractOwnableSynchronizer.html) (implements java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
    - java.util.concurrent.locks.[**AbstractQueuedLongSynchronizer**](http://docs.google.com/java/util/concurrent/locks/AbstractQueuedLongSynchronizer.html) (implements java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
    - java.util.concurrent.locks.[**AbstractQueuedSynchronizer**](http://docs.google.com/java/util/concurrent/locks/AbstractQueuedSynchronizer.html) (implements java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
  + java.util.concurrent.locks.[**AbstractQueuedLongSynchronizer.ConditionObject**](http://docs.google.com/java/util/concurrent/locks/AbstractQueuedLongSynchronizer.ConditionObject.html) (implements java.util.concurrent.locks.[Condition](http://docs.google.com/java/util/concurrent/locks/Condition.html), java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
  + java.util.concurrent.locks.[**AbstractQueuedSynchronizer.ConditionObject**](http://docs.google.com/java/util/concurrent/locks/AbstractQueuedSynchronizer.ConditionObject.html) (implements java.util.concurrent.locks.[Condition](http://docs.google.com/java/util/concurrent/locks/Condition.html), java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
  + java.util.concurrent.locks.[**LockSupport**](http://docs.google.com/java/util/concurrent/locks/LockSupport.html)
  + java.util.concurrent.locks.[**ReentrantLock**](http://docs.google.com/java/util/concurrent/locks/ReentrantLock.html) (implements java.util.concurrent.locks.[Lock](http://docs.google.com/java/util/concurrent/locks/Lock.html), java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
  + java.util.concurrent.locks.[**ReentrantReadWriteLock**](http://docs.google.com/java/util/concurrent/locks/ReentrantReadWriteLock.html) (implements java.util.concurrent.locks.[ReadWriteLock](http://docs.google.com/java/util/concurrent/locks/ReadWriteLock.html), java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
  + java.util.concurrent.locks.[**ReentrantReadWriteLock.ReadLock**](http://docs.google.com/java/util/concurrent/locks/ReentrantReadWriteLock.ReadLock.html) (implements java.util.concurrent.locks.[Lock](http://docs.google.com/java/util/concurrent/locks/Lock.html), java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
  + java.util.concurrent.locks.[**ReentrantReadWriteLock.WriteLock**](http://docs.google.com/java/util/concurrent/locks/ReentrantReadWriteLock.WriteLock.html) (implements java.util.concurrent.locks.[Lock](http://docs.google.com/java/util/concurrent/locks/Lock.html), java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))

## Interface Hierarchy

* java.util.concurrent.locks.[**Condition**](http://docs.google.com/java/util/concurrent/locks/Condition.html)
* java.util.concurrent.locks.[**Lock**](http://docs.google.com/java/util/concurrent/locks/Lock.html)
* java.util.concurrent.locks.[**ReadWriteLock**](http://docs.google.com/java/util/concurrent/locks/ReadWriteLock.html)

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | Class | Use | **Tree** | [**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**](http://docs.google.com/java/util/concurrent/atomic/package-tree.html)   [**NEXT**](http://docs.google.com/java/util/jar/package-tree.html) | [**FRAMES**](http://docs.google.com/index.html?java/util/concurrent/locks/package-tree.html)    [**NO FRAMES**](http://docs.google.com/package-tree.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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