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

**Uses of Interface**

**java.util.concurrent.locks.Condition**

| Packages that use [Condition](http://docs.google.com/java/util/concurrent/locks/Condition.html) | |
| --- | --- |
| [**java.util.concurrent.locks**](#3znysh7) | Interfaces and classes providing a framework for locking and waiting for conditions that is distinct from built-in synchronization and monitors. |

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

| Classes in [java.util.concurrent.locks](http://docs.google.com/java/util/concurrent/locks/package-summary.html) that implement [Condition](http://docs.google.com/java/util/concurrent/locks/Condition.html) | |
| --- | --- |
| class | [**AbstractQueuedLongSynchronizer.ConditionObject**](http://docs.google.com/java/util/concurrent/locks/AbstractQueuedLongSynchronizer.ConditionObject.html)            Condition implementation for a [AbstractQueuedLongSynchronizer](http://docs.google.com/java/util/concurrent/locks/AbstractQueuedLongSynchronizer.html) serving as the basis of a [Lock](http://docs.google.com/java/util/concurrent/locks/Lock.html) implementation. |
| class | [**AbstractQueuedSynchronizer.ConditionObject**](http://docs.google.com/java/util/concurrent/locks/AbstractQueuedSynchronizer.ConditionObject.html)            Condition implementation for a [AbstractQueuedSynchronizer](http://docs.google.com/java/util/concurrent/locks/AbstractQueuedSynchronizer.html) serving as the basis of a [Lock](http://docs.google.com/java/util/concurrent/locks/Lock.html) implementation. |

| Methods in [java.util.concurrent.locks](http://docs.google.com/java/util/concurrent/locks/package-summary.html) that return [Condition](http://docs.google.com/java/util/concurrent/locks/Condition.html) | |
| --- | --- |
| [Condition](http://docs.google.com/java/util/concurrent/locks/Condition.html) | **ReentrantReadWriteLock.ReadLock.**[**newCondition**](http://docs.google.com/java/util/concurrent/locks/ReentrantReadWriteLock.ReadLock.html#newCondition())()            Throws UnsupportedOperationException because ReadLocks do not support conditions. |
| [Condition](http://docs.google.com/java/util/concurrent/locks/Condition.html) | **ReentrantReadWriteLock.WriteLock.**[**newCondition**](http://docs.google.com/java/util/concurrent/locks/ReentrantReadWriteLock.WriteLock.html#newCondition())()            Returns a [Condition](http://docs.google.com/java/util/concurrent/locks/Condition.html) instance for use with this [Lock](http://docs.google.com/java/util/concurrent/locks/Lock.html) instance. |
| [Condition](http://docs.google.com/java/util/concurrent/locks/Condition.html) | **Lock.**[**newCondition**](http://docs.google.com/java/util/concurrent/locks/Lock.html#newCondition())()            Returns a new [Condition](http://docs.google.com/java/util/concurrent/locks/Condition.html) instance that is bound to this Lock instance. |
| [Condition](http://docs.google.com/java/util/concurrent/locks/Condition.html) | **ReentrantLock.**[**newCondition**](http://docs.google.com/java/util/concurrent/locks/ReentrantLock.html#newCondition())()            Returns a [Condition](http://docs.google.com/java/util/concurrent/locks/Condition.html) instance for use with this [Lock](http://docs.google.com/java/util/concurrent/locks/Lock.html) instance. |

| Methods in [java.util.concurrent.locks](http://docs.google.com/java/util/concurrent/locks/package-summary.html) with parameters of type [Condition](http://docs.google.com/java/util/concurrent/locks/Condition.html) | |
| --- | --- |
| protected  [Collection](http://docs.google.com/java/util/Collection.html)<[Thread](http://docs.google.com/java/lang/Thread.html)> | **ReentrantReadWriteLock.**[**getWaitingThreads**](http://docs.google.com/java/util/concurrent/locks/ReentrantReadWriteLock.html#getWaitingThreads(java.util.concurrent.locks.Condition))([Condition](http://docs.google.com/java/util/concurrent/locks/Condition.html) condition)            Returns a collection containing those threads that may be waiting on the given condition associated with the write lock. |
| protected  [Collection](http://docs.google.com/java/util/Collection.html)<[Thread](http://docs.google.com/java/lang/Thread.html)> | **ReentrantLock.**[**getWaitingThreads**](http://docs.google.com/java/util/concurrent/locks/ReentrantLock.html#getWaitingThreads(java.util.concurrent.locks.Condition))([Condition](http://docs.google.com/java/util/concurrent/locks/Condition.html) condition)            Returns a collection containing those threads that may be waiting on the given condition associated with this lock. |
| int | **ReentrantReadWriteLock.**[**getWaitQueueLength**](http://docs.google.com/java/util/concurrent/locks/ReentrantReadWriteLock.html#getWaitQueueLength(java.util.concurrent.locks.Condition))([Condition](http://docs.google.com/java/util/concurrent/locks/Condition.html) condition)            Returns an estimate of the number of threads waiting on the given condition associated with the write lock. |
| int | **ReentrantLock.**[**getWaitQueueLength**](http://docs.google.com/java/util/concurrent/locks/ReentrantLock.html#getWaitQueueLength(java.util.concurrent.locks.Condition))([Condition](http://docs.google.com/java/util/concurrent/locks/Condition.html) condition)            Returns an estimate of the number of threads waiting on the given condition associated with this lock. |
| boolean | **ReentrantReadWriteLock.**[**hasWaiters**](http://docs.google.com/java/util/concurrent/locks/ReentrantReadWriteLock.html#hasWaiters(java.util.concurrent.locks.Condition))([Condition](http://docs.google.com/java/util/concurrent/locks/Condition.html) condition)            Queries whether any threads are waiting on the given condition associated with the write lock. |
| boolean | **ReentrantLock.**[**hasWaiters**](http://docs.google.com/java/util/concurrent/locks/ReentrantLock.html#hasWaiters(java.util.concurrent.locks.Condition))([Condition](http://docs.google.com/java/util/concurrent/locks/Condition.html) condition)            Queries whether any threads are waiting on the given condition associated with this lock. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/util/concurrent/locks/Condition.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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| PREV   NEXT | [**FRAMES**](http://docs.google.com/index.html?java/util/concurrent/locks//class-useCondition.html)    [**NO FRAMES**](http://docs.google.com/Condition.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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