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

**Uses of Class**

**java.util.AbstractQueue**

| Packages that use [AbstractQueue](http://docs.google.com/java/util/AbstractQueue.html) | |
| --- | --- |
| [**java.util**](#3znysh7) | 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). |
| [**java.util.concurrent**](#2et92p0) | Utility classes commonly useful in concurrent programming. |

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

| Subclasses of [AbstractQueue](http://docs.google.com/java/util/AbstractQueue.html) in [java.util](http://docs.google.com/java/util/package-summary.html) | |
| --- | --- |
| class | [**PriorityQueue<E>**](http://docs.google.com/java/util/PriorityQueue.html)            An unbounded priority [queue](http://docs.google.com/java/util/Queue.html) based on a priority heap. |

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

| Subclasses of [AbstractQueue](http://docs.google.com/java/util/AbstractQueue.html) in [java.util.concurrent](http://docs.google.com/java/util/concurrent/package-summary.html) | |
| --- | --- |
| class | [**ArrayBlockingQueue<E>**](http://docs.google.com/java/util/concurrent/ArrayBlockingQueue.html)            A bounded [blocking queue](http://docs.google.com/java/util/concurrent/BlockingQueue.html) backed by an array. |
| class | [**ConcurrentLinkedQueue<E>**](http://docs.google.com/java/util/concurrent/ConcurrentLinkedQueue.html)            An unbounded thread-safe [queue](http://docs.google.com/java/util/Queue.html) based on linked nodes. |
| class | [**DelayQueue<E extends Delayed>**](http://docs.google.com/java/util/concurrent/DelayQueue.html)            An unbounded [blocking queue](http://docs.google.com/java/util/concurrent/BlockingQueue.html) of Delayed elements, in which an element can only be taken when its delay has expired. |
| class | [**LinkedBlockingDeque<E>**](http://docs.google.com/java/util/concurrent/LinkedBlockingDeque.html)            An optionally-bounded [blocking deque](http://docs.google.com/java/util/concurrent/BlockingDeque.html) based on linked nodes. |
| class | [**LinkedBlockingQueue<E>**](http://docs.google.com/java/util/concurrent/LinkedBlockingQueue.html)            An optionally-bounded [blocking queue](http://docs.google.com/java/util/concurrent/BlockingQueue.html) based on linked nodes. |
| class | [**PriorityBlockingQueue<E>**](http://docs.google.com/java/util/concurrent/PriorityBlockingQueue.html)            An unbounded [blocking queue](http://docs.google.com/java/util/concurrent/BlockingQueue.html) that uses the same ordering rules as class [PriorityQueue](http://docs.google.com/java/util/PriorityQueue.html) and supplies blocking retrieval operations. |
| class | [**SynchronousQueue<E>**](http://docs.google.com/java/util/concurrent/SynchronousQueue.html)            A [blocking queue](http://docs.google.com/java/util/concurrent/BlockingQueue.html) in which each insert operation must wait for a corresponding remove operation by another thread, and vice versa. |

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