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

**Uses of Interface**

**java.util.concurrent.ExecutorService**

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

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

| Subinterfaces of [ExecutorService](http://docs.google.com/java/util/concurrent/ExecutorService.html) in [java.util.concurrent](http://docs.google.com/java/util/concurrent/package-summary.html) | |
| --- | --- |
| interface | [**ScheduledExecutorService**](http://docs.google.com/java/util/concurrent/ScheduledExecutorService.html)            An [ExecutorService](http://docs.google.com/java/util/concurrent/ExecutorService.html) that can schedule commands to run after a given delay, or to execute periodically. |

| Classes in [java.util.concurrent](http://docs.google.com/java/util/concurrent/package-summary.html) that implement [ExecutorService](http://docs.google.com/java/util/concurrent/ExecutorService.html) | |
| --- | --- |
| class | [**AbstractExecutorService**](http://docs.google.com/java/util/concurrent/AbstractExecutorService.html)            Provides default implementations of [ExecutorService](http://docs.google.com/java/util/concurrent/ExecutorService.html) execution methods. |
| class | [**ScheduledThreadPoolExecutor**](http://docs.google.com/java/util/concurrent/ScheduledThreadPoolExecutor.html)            A [ThreadPoolExecutor](http://docs.google.com/java/util/concurrent/ThreadPoolExecutor.html) that can additionally schedule commands to run after a given delay, or to execute periodically. |
| class | [**ThreadPoolExecutor**](http://docs.google.com/java/util/concurrent/ThreadPoolExecutor.html)            An [ExecutorService](http://docs.google.com/java/util/concurrent/ExecutorService.html) that executes each submitted task using one of possibly several pooled threads, normally configured using [Executors](http://docs.google.com/java/util/concurrent/Executors.html) factory methods. |

| Methods in [java.util.concurrent](http://docs.google.com/java/util/concurrent/package-summary.html) that return [ExecutorService](http://docs.google.com/java/util/concurrent/ExecutorService.html) | |
| --- | --- |
| static [ExecutorService](http://docs.google.com/java/util/concurrent/ExecutorService.html) | **Executors.**[**newCachedThreadPool**](http://docs.google.com/java/util/concurrent/Executors.html#newCachedThreadPool())()            Creates a thread pool that creates new threads as needed, but will reuse previously constructed threads when they are available. |
| static [ExecutorService](http://docs.google.com/java/util/concurrent/ExecutorService.html) | **Executors.**[**newCachedThreadPool**](http://docs.google.com/java/util/concurrent/Executors.html#newCachedThreadPool(java.util.concurrent.ThreadFactory))([ThreadFactory](http://docs.google.com/java/util/concurrent/ThreadFactory.html) threadFactory)            Creates a thread pool that creates new threads as needed, but will reuse previously constructed threads when they are available, and uses the provided ThreadFactory to create new threads when needed. |
| static [ExecutorService](http://docs.google.com/java/util/concurrent/ExecutorService.html) | **Executors.**[**newFixedThreadPool**](http://docs.google.com/java/util/concurrent/Executors.html#newFixedThreadPool(int))(int nThreads)            Creates a thread pool that reuses a fixed number of threads operating off a shared unbounded queue. |
| static [ExecutorService](http://docs.google.com/java/util/concurrent/ExecutorService.html) | **Executors.**[**newFixedThreadPool**](http://docs.google.com/java/util/concurrent/Executors.html#newFixedThreadPool(int,%20java.util.concurrent.ThreadFactory))(int nThreads, [ThreadFactory](http://docs.google.com/java/util/concurrent/ThreadFactory.html) threadFactory)            Creates a thread pool that reuses a fixed number of threads operating off a shared unbounded queue, using the provided ThreadFactory to create new threads when needed. |
| static [ExecutorService](http://docs.google.com/java/util/concurrent/ExecutorService.html) | **Executors.**[**newSingleThreadExecutor**](http://docs.google.com/java/util/concurrent/Executors.html#newSingleThreadExecutor())()            Creates an Executor that uses a single worker thread operating off an unbounded queue. |
| static [ExecutorService](http://docs.google.com/java/util/concurrent/ExecutorService.html) | **Executors.**[**newSingleThreadExecutor**](http://docs.google.com/java/util/concurrent/Executors.html#newSingleThreadExecutor(java.util.concurrent.ThreadFactory))([ThreadFactory](http://docs.google.com/java/util/concurrent/ThreadFactory.html) threadFactory)            Creates an Executor that uses a single worker thread operating off an unbounded queue, and uses the provided ThreadFactory to create a new thread when needed. |
| static [ExecutorService](http://docs.google.com/java/util/concurrent/ExecutorService.html) | **Executors.**[**unconfigurableExecutorService**](http://docs.google.com/java/util/concurrent/Executors.html#unconfigurableExecutorService(java.util.concurrent.ExecutorService))([ExecutorService](http://docs.google.com/java/util/concurrent/ExecutorService.html) executor)            Returns an object that delegates all defined [ExecutorService](http://docs.google.com/java/util/concurrent/ExecutorService.html) methods to the given executor, but not any other methods that might otherwise be accessible using casts. |

| Methods in [java.util.concurrent](http://docs.google.com/java/util/concurrent/package-summary.html) with parameters of type [ExecutorService](http://docs.google.com/java/util/concurrent/ExecutorService.html) | |
| --- | --- |
| static [ExecutorService](http://docs.google.com/java/util/concurrent/ExecutorService.html) | **Executors.**[**unconfigurableExecutorService**](http://docs.google.com/java/util/concurrent/Executors.html#unconfigurableExecutorService(java.util.concurrent.ExecutorService))([ExecutorService](http://docs.google.com/java/util/concurrent/ExecutorService.html) executor)            Returns an object that delegates all defined [ExecutorService](http://docs.google.com/java/util/concurrent/ExecutorService.html) methods to the given executor, but not any other methods that might otherwise be accessible using casts. |

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