# Java Concurrency

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- >> Guide to the Volatile Keyword in Java (/java-volatile)
- >> Java Difference Between Wait() and Sleep() (/java-wait-and-sleep)
- >> Guide to java.util.concurrent.Future (/java-future)
- >> An Introduction to ThreadLocal in Java (/java-threadlocal)
- >> Life Cycle of a Thread in Java (/java-thread-lifecycle)
- >> How to Kill a Java Thread (/java-thread-stop)

- >> Introduction to Thread Pools in Java (/thread-pool-java-and-guava)
- >> Implementing a Runnable vs Extending a Thread (/java-runnablevs-extending-thread)
- >> wait and notify() Methods in Java (/java-wait-notify)
- >> Runnable vs. Callable in Java (/java-runnable-callable)
- >> Difference Between Wait and Sleep in Java (/java-wait-and-sleep)

## **Advanced Concurrency in Java**

- >> Daemon Threads in Java (/java-daemon-thread)
- >> A Guide to the Java ExecutorService (/java-executor-service-tutorial)
- >> Guide to the Fork/Join Framework in Java (/java-fork-join)
- >> Custom Thread Pools In Java 8 Parallel Streams (/java-8-parallelstreams-custom-threadpool)
- >> Guide to CountDownLatch in Java (/java-countdown-latch)
- >> Guide to java.util.concurrent.Locks (/java-concurrent-locks)
- >> ExecutorService Waiting for Threads to Finish (/java-executorwait-for-threads)
- >> Guide to the Java Phaser (/java-phaser)
- >> Guide To CompletableFuture (/java-completablefuture)
- >> CyclicBarrier in Java (/java-cyclic-barrier)
- >> Guide to ThreadLocalRandom in Java (/java-thread-local-random)

## **Other Concurrency Resources**

- >> The Dining Philosophers Problem in Java (/java-diningphiloshophers)
- >> Java Concurrency Interview Questions (+ Answers) (/javaconcurrency-interview-questions)
- >> Java Concurrency Utility with JCTools (/java-concurrency-jc-tools)

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