**TestNG** : is a Java testing framework, inspired by JUnit and NUnit. It overcomes the limitations and drawbacks of JUnit and introduces a whole new set of features, making TestNG more powerful and user-friendly. The NG stands for Next Generation, signifying the new functionalities that TestNG brings to the table. From simple unit testing to complex integrated testing, it is designed to simplify all your testing requirements such as functional testing, regression, end-to-end, and more.

**Features:**

1. Annotation support.
2. Concurrent testing: run tests in arbitrarily big thread pools with various policies available (all methods in their own thread, one thread per test class, etc.), and test whether the code is multithread safe.
3. Embeds [BeanShell](https://en.wikipedia.org/wiki/BeanShell" \o "BeanShell) for further flexibility.
4. Default [JDK](https://en.wikipedia.org/wiki/Java_Development_Kit) functions for runtime and logging (no dependencies).
5. Dependent methods for application server testing.[[*clarification needed*](https://en.wikipedia.org/wiki/Wikipedia:Please_clarify)]
6. Distributed testing: allows distribution of tests on slave machines.