TestNG is a testing framework inspired from JUnit and NUnit but introducing some new functionalities that make it more powerful and easier to use, such as:

* Annotations.
* Run your tests in arbitrarily big thread pools with various policies available (all methods in their own thread, one thread per test class, etc...).
* Test that your code is multithread safe.
* Flexible test configuration.
* Support for data-driven testing (with @DataProvider).
* Support for parameters.
* Powerful execution model (no more TestSuite).
* Supported by a variety of tools and plug-ins (Eclipse, IDEA, Maven, etc...).
* Embeds BeanShell for further flexibility.
* Default JDK functions for runtime and logging (no dependencies).
* Dependent methods for application server testing.

TestNG is designed to cover all categories of tests:  unit, functional, end-to-end, integration, etc...

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| test001 | test002 | test003 | test004 | test005 | test006 |
| textOne | textTwo | textThree | textFour | textFive | textSix |
| textOne | textTwo1 | textTwo2 | textTwo3 | textTwo4 | textTwo5 |
| textOne | textTwo2 | textTwo3 | textTwo4 | textTwo5 | textTwo6 |
| textOne | textTwo3 | textTwo4 | textTwo5 | textTwo6 | textTwo7 |

