What do you need to do in order to use the tool? o How do you install it? o How do you configure it? How do you use it? •

Java JDK 7 or higher installed. From there, you can direct download TestNG from github. There are plug-ins available for Eclipse, IDEA IntelliJ and NetBeans. Eclipse specifically, you can then see TestNG under the Java Views, the same category as JUnit.

You can launch by class, group, definition or method. You can also save/modify settings within a saved XML file. There are of course properties and settings for users to fine tune their tests. A nice addition to TestNG, is that all JUnit tests can be easily converted to TestNG. The results for this test are similar to JUnit view with the addition of a statics tab.

You run this exactly like JUnit, only that the testing capabilities have been expanded (i.e. multi-threading, parameters, etc).

What are the strengths of the tool?

TestNG has a similar interface to that of JUnit. Almost no learning curve but with all the added benefits.

The benefits being:

* Annotations
* Run tests in arbitrary big thread pools with various policies available (all methods in their own thread, one thread per test class, etc..)
* Test that code is multi-thread safe
* Flexible test configuration
* Data-driven testing
* Parameter testing
* Powerful execution mode
* Default HDK functions for runtime and logging
* Dependent methods for application server testing
* Essentially, covers all categories of tests.