

Detailed Use Case Scenarios

Use Case: User runs a test class

Trigger: User initiates test

Precondition: Test class is correctly compiled and configured.

Actor: User

Scenario:

1. The user navigates to test he/she wishes to run.
2. The user clicks the "run TestNG" in their IDE.
 - a. Alternative: The user enters "testng" command on the command line with the necessary options.
3. The test executes and the results are displayed in the IDE.
 - . Alternative: The results are printed in the command line.

Use Case: User runs a suite

Actor: User

Precondition: All tests in the suite are correctly compiled and configured

Trigger: User initiates test suite

Scenario: User runs test suite

1. The user navigates to the suite they want to run(either from IDE or Command Line)
2. The user right clicks on the test suite and clicks the "run test suite" button
 - a. Alternative: User uses command line and.....
3. The test executes the suite tests and returns the results
4. The results are displayed in the IDE
 - . Alternate: The results are printed in the command line.

Use Case: User configures specifications

Actor: User

Precondition: None other than having the necessary program installed

Trigger: User accesses the xml file or IDE menu

Scenario: User sets configuration mode

1. User opens menu on IDE and clicks on configure
 - a. Alternate: User opens XML file pertaining to the test he/she wants to configure.
2. User sets the mode(Testng,JUnit,Mixed Modes) for the test.