Configuration information for a TestNG class:

@BeforeSuite: The annotated method will be run before all tests in this suite have run.

@AfterSuite: The annotated method will be run after all tests in this suite have run.

@BeforeTest: The annotated method will be run before the test.

@AfterTest: The annotated method will be run after the test.

@BeforeGroups: The list of groups that this configuration method will run before. This method is guaranteed to run shortly before the first test method that belongs to any of these groups is invoked.

@AfterGroups: The list of groups that this configuration method will run after. This method is guaranteed to run shortly after the last test method that belongs to any of these groups is invoked.

@BeforeClass: The annotated method will be run before the first test method in the current class is invoked.

@AfterClass: The annotated method will be run after all the test methods in the current class have been run.

@BeforeMethod: The annotated method will be run before each test method.

@AfterMethod: The annotated method will be run after each test method.

alwaysRun For before methods (beforeSuite, beforeTest, beforeTestClass and beforeTestMethod, but not beforeGroups): If set to true, this configuration method will be run regardless of what groups it belongs to.

For after methods (afterSuite, afterClass, …): If set to true, this configuration method will be run even if one or more methods invoked previously failed or was skipped.

dependsOnGroups The list of groups this method depends on.

dependsOnMethods The list of methods this method depends on.

enabled Whether methods on this class/method are enabled.

groups The list of groups this class/method belongs to.

inheritGroups If true, this method will belong to groups specified in the @Test annotation at the class level.

@DataProvider Marks a method as supplying data for a test method. The annotated method must return an Object[][] where each Object[] can be assigned the parameter list of the test method. The @Test method that wants to receive data from this DataProvider needs to use a dataProvider name equals to the name of this annotation.

name The name of this DataProvider.

@Factory Marks a method as a factory that returns objects that will be used by TestNG as Test classes. The method must return Object[].

@Parameters Describes how to pass parameters to a @Test method.

value The list of variables used to fill the parameters of this method.

@Test Marks a class or a method as part of the test.

alwaysRun If set to true, this test method will always be run even if it depends on a method that failed.

dataProvider The name of the data provider for this test method.

dataProviderClass The class where to look for the data provider. If not specified, the data provider will be looked on the class of the current test method or one of its base classes. If this attribute is specified, the data provider method needs to be static on the specified class.

dependsOnGroups The list of groups this method depends on.

dependsOnMethods The list of methods this method depends on.

description The description for this method.

enabled Whether methods on this class/method are enabled.

expectedExceptions The list of exceptions that a test method is expected to throw. If no exception or a different than one on this list is thrown, this test will be marked a failure.

groups The list of groups this class/method belongs to.

invocationCount The number of times this method should be invoked.

successPercentage The percentage of success expected from this method

sequential If set to true, all the methods on this test class are guaranteed to run sequentially, even if the tests are currently being run with parallel=”true”. This attribute can only be used at the class level and it will be ignored if used at the method level.

timeOut The maximum number of milliseconds this test should take.

threadPoolSize The size of the thread pool for this method. The method will be invoked from multiple threads as specified by invocationCount.

Note: this attribute is ignored if invocationCount is not specified

[http://testng.org]