What are TestNG Annotations?

TestNG Annotations are used to control the next method to be executed in the test script. TestNG annotations are defined **before every method** in the test code. **In case any method is not prefixed with annotations, it will be ignored and not be executed as part of the test code**. To define them, methods need to be simply annotated with ‘@Test‘.

Types of TestNG Annotations:

**@BeforeMethod**: This will be executed before every @test annotated method. если необходимо в каждом следующем методе класса открывать новый браузер то можно указать driver.get(“baseUrl”), а затем закрывать в @afterMethod

**@AfterMethod**: This will be executed after every @test annotated method.

@**BeforeClass**: This will be executed before first @Test method execution. It will be executed **one** only time throughout the test case. Под этой аннотацией можно сделать настройки всех элементов задействованных в методах класса (тестах), например настройки вебдрайвера, а также выполнить включение и переход браузера по baseUrl.

@**AfterClass**: This will be executed after all test methods in the current class have been run

@**BeforeTest**: This will be executed before the first @Test annotated method. It can be executed multiple times before the test case.

@**AfterTest**: A method with this annotation will be executed when all @Test annotated methods complete the execution of those classes inside the <test> tag in the TestNG.xml file.

@**BeforeSuite**: It will run only once, before all tests in the suite are executed.

@**AfterSuite**: A method with this annotation will run once after the execution of all tests in the suite is complete.

@**BeforeGroups**: This method will run before the first test run of that specific group.

@**AfterGroups**: This method will run after all test methods of that group complete their execution.

В аннотациях есть еще доп. parameters, например priority

@Test(priority = 1) ← задаёт поочерёдность выполнения тестов (выполнится первым)

@Test(priority = 2) ← тест выполнится вторым

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