

TestNG

TESTNG

TestNG Annotations

TestNG: Test Introduction

- **TestNG Annotations** : Test Annotations are attached with the Java Methods or your test code business logic methods.
- Annotations in TestNG are lines of code that can control how the method below them will be executed.
- TestNG annotations preceded by @ symbol.
- List of TestNG annotations and their use.

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- **@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 any test method belonging to the classes inside the <test> tag is run.
- **@AfterTest:** The annotated method will be run after all the test methods belonging to the classes inside the <test> tag have run.
- **@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.

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- **@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.
- **@BeforeMethod:** The annotated method will be run before each test method.
- **@AfterMethod:** The annotated method will be run after each test method.

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- **@DataProvider:** Marks a method as supplying data for a 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.
- **@Listeners:** Defines listeners on a test class.
- **@Parameters:** Describes how to pass parameters to a @Test method.
- **@Test:** Marks a method as part of the test.

Will see you in Next Lecture...

Thank you!

A close-up photograph of a hand holding a black marker, completing the cursive word 'Thank you!' on a white surface. The hand is positioned on the right side of the frame, with the index and thumb fingers visible, holding the marker. The marker's tip is just finishing the exclamation mark. The background is a plain, light-colored surface.

See you in next lecture ...