

TDD/BDD in Cucumber

Curriculum:

- 1. Introduction**
 - a. What is TDD(Test Driven Development)**
 - b. Importance of TDD**
 - c. What is BDD(Behavioural Driven Development)**
 - d. BDD vs TDD**
 - e. Cucumber for BDD**
- 2. Cucumber installation and configuration**
- 3. Architecture**
 - a. Features file**
 - b. Step Definition**
 - c. TestRunner**
- 4. Complete step to create first cucumber test**
 - a. Define features in features file**
 - b. Generate Step Definition**
 - c. Create a class and copy paste step definitions**
 - d. Write each step definition code**
 - e. Create a Junit TestRunner class**
 - f. Configure junit to run with cucumber**
 - g. Include step features file**
 - h. Include step definition**
 - i. Run it**
 - j. See the report**
- 5. Components of Features file**
 - a. Feature:**
 - b. Background:**
 - c. Scenario: and Scenario Outline**
 - i. Given**
 - ii. When**
 - iii. Then**
 - iv. And**
 - v. But**
 - d. Examples:**
- 6. Cucumber parameterization**
 - a. Inline parameters**
 - b. Without "Examples" keyword**
 - c. With "Examples" keyword**
 - d. Through Data tables**
 - e. From excel file**
 - f. From XML file**

- g. From JSON file**
- 7. Step definition**
 - a. Generating step definition**
 - b. Methods with parameters**
 - c. Regular expression**
- 8. Mapping data table to Class Objects**
- 9. Test runner from Junit**
 - a. Junit run as cucumber**
 - b. Cucumber options**
 - i. Dryrun**
 - ii. Features**
 - iii. Glue**
 - iv. Tags**
 - v. Monochrome**
 - vi. Format**
 - vii. Stric**
- 10. Cucumber with TestNG**