BDD with Gherkin and Cucumber-C++

🕐 Duration: 2 Days
🈂 Available Languages: English German

Audience

Product Owners, Business Analysts, Requirements Engineers and Software Developers.

Goals

Learn how to improve your Agile Process with Behavior-Driven Development.

Contents

- Introduction
    - # TDD, BDD, ATDD
    - # Test Pyramid
    - # Unit Testing vs Acceptance Testing
    - # How to place Cucumber in the Test Pyramid
    - # Acceptance Testing with Cucumber
    - # Unit Testing with Cucumber
- Gherkin
    - # Feature Files
    - # Given-When-Then Steps
    - # Scenarios
    - # Scenario Outlines / Examples
    - # Backgrounds
- Cucumber for C++
    - # Installing Cucumber C++
    - # Setting Up Cucumber C++ with an IDE
    - # Running Feature Files
    - # Implementing Step Definitions
    - # Assertions with Google Test
- Setting Up Cucumber with IDEs
    - # Eclipse
    - # CLion
    - # Debugging
- Integrating Cucumber with Build Tools
    - # GNU make
    - # Launching Cucumber from Google Test
- Advanced Topics
    - # How to phrase
    - # Test Selection (Tags)
    - # Hooks
    - # Cross-layer-testing - Reusing your Feature Files

- # Accessing your under-test context
- # Performance Tricks
- # Data-Driven Testing in Cucumber
- Comparison with other frameworks

There are plenty of examples and exercises.

Booking

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