

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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