


Test-Driven Development in C++ with Google Test Crash Course

 Duration: 0.5 Days

 Available Languages: English German

Audience

Software Craftspeople: Software Developers, Testers.

Precondition

Good knowledge of the programming language used.

Goals

Learn how to develop software using Test-Driven Development.

Contents

- Software Architecture Fundamentals for TDD
 - The two values of software
 - The four major design smells
 - Cohesion and Coupling
 - What is "testable" and how is it related to maintainability / Clean Code?
- TDD fundamentals
 - The Single-Assert Rule
 - The Three Laws of Test-Driven Development
 - The Red-Green-Refactor Cycle
 - The FIRST principles
- How Google Test Framework works?
 - AceUnit or Google Test Setup
 - For Eclipse
 - For Visual Studio
 - For CLion
 - Fundamentals and Overview of AceUnit or Google Test
 - Writing Tests with AceUnit or Google Test
 - Mocking - GMock Overview

Booking

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