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 five 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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