


## Working Effectively with Legacy C++ Code Crash Course

 Duration: 0.5 Days

 Available Languages: English German

### Audience

Software Craftspeople: Software Developers, Testers.

### Precondition

Good knowledge of C++, Google Test (Or other C++ test framework), TDD, Mocking, Refactoring.

### Goals

Improve your approach to Working with Legacy C++ Code.

### Contents

- Definitions and Fundamentals
  - Unit Test
  - Legacy Code and breaking its dilemma
  - Legacy Code Mindset
  - Types and Areas of Change
  - Risk Mitigation
  - The Change Algorithm
- Tools
  - Refactoring Tools
  - Test Tools
  - IDEs
- Approaches
  - Seams, Sprouts and Wraps
  - Design Patterns for Working with Legacy Code
  - Different techniques to handle the Legacy Code
  - TDD for new features in Legacy Code
  - SOLID principles and Legacy Code
  - Mocks, Fakes, and Null Objects

### Booking

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