

Working Effectively with Legacy Java Code

 Duration: 2 Days

 Available Languages: English German

Audience

Software Craftspeople: Software Developers, Testers.

Precondition

Good knowledge of Java, JUnit, TDD, Mocking, Refactoring.

Goals

Improve your approach to Working with Legacy Java Code.

Contents

- Definitions and Fundamentals
 - Unit Test
 - Legacy Code and breaking its dilemma
 - Types and Areas of Change
 - Risk Mitigation
 - The Change Algorithm
- Tools
 - Refactoring Tools
 - Test Tools
 - IDEs
- Approaches
 - Seams and Sprouts
 - Wrappers
 - Extraction
 - Design Patterns for Working with Legacy Code
 - TDD for new features in Legacy Code
 - SOLID principles and Legacy Code
 - Mocks, Fakes, and Null Objects
 - Dealing with coupling: Isolation and Dependency-Breaking Techniques
 - Dealing with library dependencies
 - Dealing with lack of structure
 - Dealing with lack of cohesion
 - Dealing with coupled test code

Booking

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