

Course Flyer

Advanced Test Driven Development

- Gain in-depth TDD skills
- Test for quality and design
- Tailor Agile development to your context



Description

The course interprets intensive automated developer testing as a way to create a “safety culture” for development. Through a combination of short lectures and intensive hands-on exercises the implications of this are explored.

The course includes a testing clinic in which production unit testing issues are addressed in a workshop setting.

Goals

Developers who are already familiar with the use of unit tests to improve quality will gain an enhanced understanding of TDD as a design tool and enabler of other beneficial practices.

Attendees will learn how to use automated unit tests to produce higher quality code more quickly with less risk.

Participants

The course is intended for programmers working in object-oriented languages (Java or C#, C++) using unit (or “developer”) tests.

Duration

2 days

Dates

On demand

Level

200 (Intermediate)

Content

- TDD as a Safety Culture for Developers
- Guided Exercises: Testing Stateless Calculations
- Case-based reasoning
- Testing and continuous integration
- Testing stateful objects
- Testing Object Interactions
- Testing against Time
- Testing Asynchronous systems
- Framework support and limitations
- Workshop Production Testing issues
- Tests as executable design documents
- Exploratory coding Evolutionary Design
- Coverage and Quality
- Productivity

Price

Upon request

Language

English

Delivery

The course can be delivered in any Zühlke office or a mutually agreed location.

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