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Test Driven Development Master Class
with Roy Osherove

June 28 – July 2, 2010
Belgium (location TBD)



Overview

Unit testing, done right, can mean the difference between a failed project and a successful one, between a maintainable code base and a code base that no one dares to touch, and between getting home at 2 AM or getting home in time for dinner, even before a release deadline.

This Master Class will guide you step by step from simple tests to tests that are maintainable, readable, and trustworthy. It covers advanced subjects like mocks, stubs, and frameworks such as Typemock Isolator and Rhino Mocks. And you will learn about advanced test patterns and organization, working with legacy code and even untestable code.

For almost 50% this Master Class is about putting the theory into practice with hands-on labs where you will be challenged to take the correct decision. If you really want to master the art of Test Driven Development, this course cannot be missed!



Format

The class uses a combination of frontal presentations, code demonstrations, and hands-on lab exercises to reinforce all of the concepts presented.

Target Audience

Any .NET software developer would benefit greatly from the class. It's required that each student has at least one year experience with C# and the .NET framework.

Date & Location

June 28 – July 2, 2010 (5 days)

Belgium (location TBD)



Teacher



The chief architect at [Typemock](#), **Roy Osherove** is one of the original ALT.NET organizers. He consults and trains teams worldwide on the [gentle art of unit testing](#) and test-driven development. He frequently speaks at international conferences such as TechEd and JAOO.

Roy is the author of the book [The Art of Unit Testing](#), and writes about subjects such as unit testing, TDD Team Leadership and agile development on his blog is at [ISerializable.com](#).



Price

The cost for this intensive 5 day Master Class is **2999,- euro** (taxes not included). This price includes your participation to the Master Class, a fully configured desktop computer to complete the hands-on labs, coffee/tea, lunch and the printed materials presented during the Master Class.

Payment in advance is required to book your seat for the Master Class. Limited places available: first come, first served. Registration is only complete and will be confirmed after payment. Transfer the total amount of your fees by bank transfer to the account of Sparkles: 733-0567754-43 (use your full name in the message) or use the IBAN code for international payment: IBAN BE 66 7330 5677 5443 (BIC code: KREDBEBB).

Cancellation is possible up to 3 weeks before the seminar - if received in writing. In this case, 25% of the total amount is charged for administration. Otherwise, the full registration fee is due, regardless of the reason of cancellation. Replacement is possible at no extra charge.



Outline Test Driven Development Master Class

Day 1: Unit Testing and TDD Basics

- Writing basic unit tests for .NET classes using NUnit or MS Test
- Test Driven Development
- Unit Testing best practices and coding standards
- Pair Programming practices
- exercise and code kata

Day 2: Mock Objects

- Mock Object Principles and Interaction testing
- Hand Written Mocks and Stubs
- Isolation frameworks (RhinoMocks, Moq and Typemock Isolator)
- Best practices for mocks and stubs

Day 3: Advanced Isolation and mock objects

- Advanced Mocking Scenarios
- Using Typemock Isolator
- Continued Exercises

Day 4: Advanced Isolation and mock objects

- How to review unit tests written by others
- Categorizing test problems to readability, trust and maintainability
- Learning techniques for quick test reviews
- Looking at various open source projects and reviewing them

Day 5: Working with Legacy Code

- Advanced Dependency breaking techniques
- Approaches and strategy for testing existing code
- Designing for testability
- testing untestable code

Note that each day 50% of the time will be spent on hands-on labs.



Registration TDD Master Class with Roy Osherove

Send registration form to pieter.gheysens@sparkles.be or fax to +32 56 324372

Course Details

Date: June 28 – July 2, 2010 (5 days)
Location: Belgium (location TBD)
Teacher: Roy Osherove
Price: 2999,- euro (taxes not included)

Registration Details

Name :

Function :

Company :

Address :

ZipCode + City + Country :

Phone :

Fax :

Email :

Invoice for the attn. of :

Invoice address :

VAT number :

Date, Name and signature :

Invoice will be sent after registration. Payment details: KBC 733-0567754-43 or IBAN BE 66 7330 5677 5443 (BIC code: KREDBEBB). Cancellation is possible up to 3 weeks before the seminar - if received in writing. In this case, 25% of the total amount is charged. Otherwise, the full registration fee is due, regardless of the reason of cancellation. Replacement is possible at no extra charge.