



Developer Tools for .NET

Lesson 00:

Course Goals and Non Goals



Course Goals

- To introduce various developer tools for Unit Testing, Code Coverage, Code Analysis and Logging





Pre-requisites

C# 6.0

ASP.NET 4.5

ADO.NET 4.5



Day Wise Schedule

Day 1

- Lesson 1: Working with NUnit & NCover
- Lesson 2: Using FxCOP, StyleCOP & Log4Net



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Lesson 1: Working with NUnit & NCover

- 1.1: What is Unit Testing
- 1.2: Advantages of Unit Testing
- 1.3: NUnit Testing Framework
- 1.4: Working with Nunit
- 1.5: Microsoft Test Framework
- 1.6: Working with NCover



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Lesson 2: Introduction to FxCOP, StyleCop & Log4Net

- 2.1: What is Static Code Analysis
- 2.2: Overview of FxCOP
- 2.3: Overview of StyleCop
- 2.4: Working with Log4Net

References



Student Guide

- PPT along with notes

Lab Book

- Lab Book consists of Walkthroughs to guide the participants throughout and <<To D Exercises to test their knowledge and skills





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