

Testing Training: Automated Testing with Visual Studio .NET (VSTEST, 4 jours)

Description

The course Automated Testing with Visual Studio .NET (Testing Training) is a complete exploration of software testing with Visual Studio. The training includes manual testing, automated testing, unit testing, web performance testing and Load testing to name a few. The course also covers command line configuration options and available reporting tools. The testing of specific .NET technologies including ASP .NET, ADO .NET and the GAC concludes the course.

Tarifs

- Tarification: \$3,750/person
- Rabais de 10% lorsque vous inscrivez 3 personnes.

Plan de cours

Visual Studio Test Types

Software testing in Visual Studio

Testing as part of software development life cycle

Types of testing

Test management in Visual Studio

Microsoft Test Manager

Test Plan, Test Suite, and Manual Testing

Test Plan

Test Suite and its types

Running manual tests

Shared steps and action recording for shared steps

Adding parameters to manual tests

Automated Tests and Unit Testing

Coded UI tests from action recordings

Creating unit tests

Assert statements

Unit Tests and Generics

Data-driven unit testing

Unit Testing using Fakes

Code coverage unit test

Web Performance Test

Creating the web performance test

Web performance test editor

Debugging and running the web test

Dynamic parameters in web testing

Coded web test

Debugging coded web test

Custom rules

Other Forms of Testing

Creating a Load Test

Ordered tests

Generic tests

Configuration and the Command Line

Using Test settings

VSTest.Console utility

MSTest utility

Test Runs and Test Results

Reporting

Exploratory testing

Reports using Team Foundation Server

Creating a report definition using Visual Studio

Connecting to Team Project

Testing Center

Testing .NET Technologies

Testing Object Oriented Applications: Finding Code Smells

Testing Database Access

Testing ASP .NET Applications

Web Service Technologies

Application Configuration

GAC DLLs

Overall Application Security

Application Performance

Change Management: About Regression Testing