Test Automation, Web Performance and Load Testing with Visual Studio 2013

Course Summary

Description

This is 2-day course is designed for automation and performance testers who have basic .NET coding skills. The course is divided into two main parts. The first focuses on creating, executing and maintaining Coded UI Tests while the second part looks at Web Performance and Load Testing using Visual Studio 2013.

This course includes hands-on labs to reinforce practical skills and ensure you're ready to use the tools on your return to your workplace.

Objectives
At the end of this course, students will be able to:

- Understand the role of a tester in modern Agile teams
- Describe the testing capabilities of the Visual Studio ALM product suite
- Create Coded UI Tests from action recordings and using the Coded UI Test Builder
- Understand the structure of Coded UI Tests and edit the generated code
- Understand how objects are found and modify this behavior
- Extend your Coded UI Tests through code
- Bind Coded UI Tests to a variety of different data sources
- Create and execute Coded UI Tests for Windows 8.x applications
- Run automated tests in a number of environments
- Upgrade existing web performance and load tests from Visual Studio 2012
- Understand the role of Web Performance and Load Tests
- Create and edit Web Performance Tests and analyses test results
- Create and edit Load Tests and analyses test results
- Execute load tests using the Load Test Service (Cloud-based load testing)
- Configure an environment for executing Web Performance and Load Tests

Audience

This course is designed for automation and performance testers who have basic .NET coding skills.

Duration

Two days