

Automated Testing with VS2012 - Coded UI

Course duration: 2 day

Overview:

In the past few years Microsoft increasingly invested efforts in providing Team System, known as Visual Studio (VSTS) as you major testing suit in above its developing capabilities.

In the 2012 version, there is special attention to the testing process in the development process.

Purpose:

This course is design to help you successfully impellent and Visual Studio 201 2as your major automated testing suit in your organization.

Who may attend?

- QA Managers
- QA Team Leaders
- Quality assurance engineers
- Project managers
- All should have some previous testing experience

Prerequisite:

- Familiarity with the VS2012 tool
- Background in manual testing with VS2012
- Programming experience in C#
- Unit Testing Basic Knowledge advantage

Subjects:

Automated Testing with VS 2012

- Identifying candidates for automation
- Overview of targeted roles and capabilities
- New architecture and administration in Visual Studio 2012
- Data collectors

Coded UI Testing

- Creating Coded UI Test for Windows applications
- Creating Coded UI Test for web applications

- Using Manual Test Recordings to create Coded UI Tests
- Validating Coded UI Tests
- Using the UI Control locator
- Data-driven Coded UI Tests

Web Testing

- Introduction to Web Testing
- Creating Web Tests, using recording tool
- Parameterize server responses
- Validating server responses

Unit Testing

- Unit Testing in Visual Studio 2012
- Code Coverage for Unit Tests