MICROSOFT VISUAL STUDIO 2010 TRAINING

Course Title: **Visual Studio Web 101: An Introduction to the web & load testing capabilities of Microsoft Visual Studio 2010 suite**

Course Details: A two-day workshop, the purpose of which is to provide a highly practical introduction to the web and load testing tools in Visual Studio for developers and testers.

Objectives: By the end of the workshop delegates will be able to:

- Record, edit, run and maintain Web Tests
- Create, run and interpret Load Tests

Duration: 2 Days

Price: TBC

Venue: Onsite/offsite

Who should attend: Quality Assurance (QA) Engineers, Performance Engineers, Users of VSTS who needs to create scripts to load test their web applications.

Prerequisites: Working knowledge of Windows, websites, browsers, general IT infrastructure and fundamental understanding of programming is helpful *but not* essential.

CONTENTS:

Day One: Web Test

- Understanding HTTP traffic, recording and interpreting client requests and server responses
- Recording and amending Web Tests, using recording tool and editing for possible errors to ensure that the simulation runs correctly
- Parametrising server responses, using Extract Rules to capture and parametrise server responses
- Validating server responses, using Validate Rules to check the server responses received
- Parametrising user input, using XML to create Data Sources

Day Two: Load Test

- An overview of load testing, what we are trying to achieve and where load testing fits in the overall test plan
- Creating Load Tests, using the Load Test Wizard
- Running Load Tests
- Understanding performance results, an overview of Performance Monitoring and understanding what Load Test results mean
- Beyond the course, on-line resources and forums where delegates can expand their knowledge

If you require more information or clarification of the above course please do contact us on 020 8555 5577 or email our Visual Studio team at sales-visualstudio@testhouse.net.

CONFIDENTIAL AND PROPRIETARY • COPYRIGHT © TESTHOUSE LTD. 2011