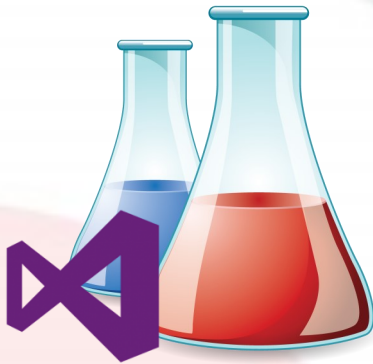


## Visual Studio 2013 — Web & Load



<b>Course Overview</b>	By the end of the workshop delegates will be able to: <ul style="list-style-type: none"> <li>• Record, edit, run and maintain Web Tests</li> <li>• Create and run Load Tests</li> <li>• Interpret Load Test results</li> </ul>
<b>Approach</b>	A two-day workshop, the purpose of which is to provide a highly practical introduction to the web and load testing tool in Visual Studio for developers and testers
<b>Duration</b>	2 Days
<b>Price</b>	Flexible be-spoke pricing based on the number of delegates & location
<b>Venue</b>	Onsite / Offsite
<b>Who should attend</b>	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 testing is very useful but **not essential**



## Training Course

## Visual Studio 2013 — Web & Load

### Course Outline

#### Day 1

##### 1 Web Test

- o Understanding HTTP traffic, recording and interpreting client requests and server responses
- o Recording and amending Web Tests, using recording tool and editing for possible errors to ensure that the simulation runs correctly
- o Running Web Tests and understanding the Web Test Results Viewer
- o Editing Web Tests, Adding Recordings Generating Code

##### 2 Advanced Web Testing Techniques

- o Refactoring Web Tests, Modularising Web Tests, Loops & Branches and web Services
- o Parameterising server responses, using Extract Rules to capture and parameterise server responses
- o Validating server responses, using Validate Rules to check the server responses received
- o Parameterising user input, using XML/Exelto create Data Sources

#### Day 2

##### 3 Load Test

- o An overview of load testing, what we are trying to achieve and where load testing fits in the overall test plan
- o Understanding the reasons for load testing and different types of performance testing
- o Risks: Speed, Scalability & Stability
- o Creating Load Tests, using the Load Test Wizard

##### 4 Load Testing Continued

- o Editing Load Tests
- o Running Load Tests
- o Understanding performance results, an overview of Performance Monitoring and understanding what load test results mean
- o Reporting
- o Understand test Rig
- o Beyond the course, on-line resources and forums where delegates can expand their knowledge
- o Testing with Visual Studio Online (VSO)

If you require more information or clarification of the above course please email [training@testhouse.net](mailto:training@testhouse.net) or contact the sales team in your country:

UK +44 20 8555 5577  
US +1 424 256 6503  
IN +91 471 270 0117  
ME +971 50 354 9541

Testhouse Limited  
8 Lanark Square  
Glengall Bridge  
London E14 9RE

<http://www.testhouse.net>