



W3QA

Selenium Training

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W3QA offer three one day Selenium courses.

Course Structure

All our courses are lab based and instructor led. Courses are taught either on-site or at hired training facilities near Liverpool Street, London.

We make use of live web sites during each lab, to demonstrate the various issues of using Selenium and test a range of web technologies. Our courses have an ideal group size of between four and eight.

Group Booking Discounts

We can offer a 20% discount on the per delegate rate for group bookings of over four.

If you have a group booking and wish to focus the course on your own web site and its issues this can be arranged. There may be an additional cost for this service. Please get in touch to discuss this option.

Guest speakers

We are able to book guest speakers from the world of Selenium. They would be available for an hour or so to talk about Selenium. Their involvement would be informal but they could address any particular concerns and questions you have. Please get in touch should this be something you wish to build into the Selenium training you receive.

We can not guarantee their availability and there would be some additional cost with this option. Generally this engagement would be via video conference.

Charges

Prices stated below assume client site instruction. Additional costs of hired premises vary based on the room size and scheduling dates. Costs will be shared amongst delegates. Expect to pay an additional £50-£150 extra per delegate.

For client site training outside central London we may also need to charge travel costs to and from your site.

Introduction to Selenium

Duration: 1 day

Price: £450 per delegate (including VAT)

Intended Audience

Course Objectives

Delegate Pre-requisites

Although this course has a low entry point it would be useful if delegates could familiarise themselves with Selenium IDE and have a basic understanding of web technologies and concepts, such as a HTML, DOM and DHTML.

Course Overview

Delegates will be taken through the basics of the Selenium IDE test tool.

- Its record and playback features
- How to debug the test scripts
- How to create verification points and insert comments
- Using alternative Selenium locations strategies
- Issues with testing web 2.0 technologies and how Selenium supports testing of AJAX and DHTML applications
- Building test suites and using test runner
- Use of complementary tools such as Web developer and Firebug
- Extending the IDE's functionality and making use of user extensions
- The constraints on the IDE and how to fully extend Selenium
- How to export the test script into Selenium RC
- The install and execution of Selenium RC using the Perl client driver
- The next steps: extending Selenium

Advanced Selenium Concepts

Duration: 1 day

Price: £550 per delegate (including VAT)

Intended Audience

Course Objectives

Delegate Pre-requisites

Course Overview

- Installation and running of Selenium RC using the Java driver within the Eclipse IDE
- Making use of Selenium IDE java format exports
- Use of complementary tools such as Web developer and Firebug
- Why move to Selenium RC
- How Selenium RC works
- Exporting from the Selenium IDE into a Java JUNIT test framework
- Selenium IDE and Selenium RC compatibility
- Selenium RC constraints and known issues
- Setting up and configuring Selenium GRID
- Designing automation frameworks?
- Building a selenium framework
- The next steps: the Selenium RC roadmap

A Selenium Framework In Practice: Hrmes

Duration: 1 day

Price: £350 per delegate (including VAT)

Intended Audience

Course Objectives

Delegate Pre-requisites

Course Overview

- Why design a framework and what its objectives should be
- The characteristics of test frameworks
- The criterion for assessing suitability for different test levels and teams
- Test data abstraction
- Install and execution of Hrmes

- Use of its abstraction of locators and data
- Producing executable test scripts
- Setting up and configuring Selenium GRID
- Running tests with Hrmes and Selenium GRID
- Using the Hrmes reports and MySQL schema
- Running and refactoring tests through the Hrmes schema
- Analysing test data
- Roadmap for Hrmes