



Crash Course: Automation (Java)

Test Automation

Key Skills:

- Test Automation methodology
- Learn UI Automation with Selenium
- Develop your own framework

This two-day course is packed with the latest automation skills and techniques, with learning materials to demystify automation concepts and deliver practical real-world knowledge.

A hands-on training lab equipped with the latest tech will provide delegates with a powerful Test Automation Framework that they can take back to the office.

To book call: +44 2921 280 321
Or email: hello@safebear.co.uk

Duration: 2 days Cost: £900 (exc.VAT)

Target Audience

This course can be enjoyed by anyone wishing to develop a Test Automation Framework.

- Test Analysts
- Developers
- DevOps

Test Automation is crucial to many of the latest development methodologies such as Business Driven Development (BDD) and Agile.

The course doesn't assume any specific technical skills except a desire to learn scripting (Java).

Course Content

Getting Started

- Automation Testing Methodology
- Automation Test Frameworks
- Introduction to Java

Basic Usage

- Project Object Model (Maven)
- Code Control (Git)
- Simple Example
- Example Explained

Creating Tests

- IntelliJ
- JUnit

Interacting with the Page

- Identifying Elements
- Filling in Forms
- Drag and Drop

Navigation

- Moving between Windows and Frames
- Pop-up Dialogs
- History and Location

Locating Elements

- Strategies for locating elements:
 - Id
 - Name
 - Text
 - Tag
 - Class
 - Css selector
- XPath

Waits

- Explicit Waits
- Implicit Waits

Page Objects

- Test Case
- Page Object Classes
- Page Elements
- Locators

Useful Hints and Tips

Webdriver API

Test Automation and Continuous Integration (CI)

Roundup and Questions

A full list of courses is available on our website:

<http://safebear.co.uk/courses/>

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