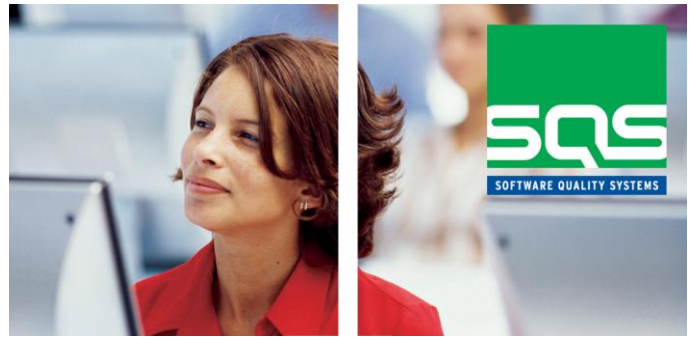


Fundamentals of Test Automation

SQS-TA01

1 day



Course Overview

A one day course.

This course aims to introduce the concept of software test automation to anyone who has an interest or is about to embark on introducing automation software into their test environment. The course will provide a stable platform from which to start the automation journey.

Course Objectives

On completion of this course, attendees will be able to plan for a successful test automation project and avoid some of the common pitfalls that can prevent success.

Who should attend?

The course is suitable for testers, developers or managers with an interest in software test automation.

Prerequisites

There are no pre-requisites for this course.

Related Certifications

None

Recommended Follow-on Courses

Attendees may wish to consider other SQS Test Automation or Test Management courses such as "Managing Test Automation" or one of our test automation tools training courses. Please contact us to discuss your options in more detail.



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Course Outline

This one day course will cover:

What is test automation? A brief introduction to the origin of automation and a discussion on current industry beliefs.

- History
- Myths and truths
- Advantages and disadvantages

Test automation tool selection: what should you consider when selecting tools to automate the software testing process?

- Commercial
- Freeware
- Open source
- Custom or in-house
- Technologies and platforms

Plan for success: how can you avoid your automation project failing again?

- The salesman's approach
- Failure to plan results in planning to fail
- Test case management
- Data management
- Version control
- Maintenance planning

Automation frameworks: "Frameworks" is a term used loosely within the automation realm but what does it really mean?

- Object based
- Keyword / action based
- Transaction based

To automate or not? Where can you apply your new found knowledge?

- Functional vs. performance testing
- Regression testing
- System testing
- Unit testing
- Usability testing
- Others

