Certified Software Automation Tester - Advanced Level (CSATAL) ™

Course Outline

What Modules are covered?

Module 1 - Deconstructing Test Automation

1) Diving deeper into capture/playback

2) Automating a simple test

3) Modifying the script

4) Diving deeper into test scripting

5) Automating a simple test by writing a script

6) Diving deeper into component and keyword-based testing

7) Building a small set of automated test components

8) Assembling the components into a test

Module 2 - Structural Test Automation

1) The role of structural test automation tools

2) How structural test automation tools work

Module 3 - A Process for Acquiring and Implementing Test Automation Tools

1) Acquiring test automation tools

2) Process overview

3) Steps in the process

4) What is required for the process

5) How to implement the process

6) Implementing test automation tools

7) Process overview

8) Steps in the process

9) What is required for the process

10) How to implement the process

Module 4 - Cheap and Free Test Tools

1) The issues behind "free" tools

2) Helpful and effective open-source tools

3) Inexpensive test automation tools

Module 5- Functional Test Metrics

1) Measures vs Measurements

2) Helpful Test Automation Measures

3) Helpful Test Automation Metrics

4) Capturing the Measurements

5) Picking the Right Metrics

6) Creating a Test Automation Dashboard

Module 6 – Managing Test Automation

1) Why testware management is needed

2) Configuration management for testware

3) Establishing and maintaining tracability

4) Measuring testware

5) The role of test management tools

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