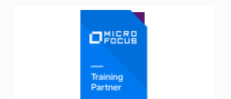Szkolenie: Micro Focus
SLK420 - Silk4J Scripting Essentials

Cel szkolenia:

This course provides the foundational concepts and skills needed to use the Silk4J plugin for Eclipse to create automated tests using Java.

Upon successful completion of this course, you should be able to:

- Introduction to Silk4J
- Understand Silk4J Projects
- Configure applications
- Record a test
- Perform object recognition
- Perform verifications
- Perform playback of tests and analyze the results
- Understand the concepts of testing web applications on mobile browsers
- Cover Cross-browser testing
- Complete wrap-up exercises and final assessment

Audience/Job Roles

This course is designed for those who will be responsible for creating programmatically automated tests using Silk Test, utilizing Java.

Plan szkolenia:

- Course Introduction
  - Identify the daily classroom schedule and methodology
  - Review the course objectives
- Introduction to Silk4J
  - Understand Silk4J is and where it fits in the testing lifecycle.
  - Know the benefits of using Silk4J.
- Creating a Silk4J project
  - Describe projects and understand why they are used.

- Create new projects in Eclipse
- Add an empty test container

- Managing Application Configurations
    - Understand what the base state of an application is.
    - Understand what an application configuration is.
    - Add an application configuration to test your application with Silk4J.

- Recording a test
    - Add a test to a project.
    - Record a test.

- Object recognition
    - Understand how Silk4J recognizes the objects in your application.
    - Understand what dynamic object recognition is.
    - Understand what XPath is.
    - Understand what Locators and Object Maps and when to use them
    - Use the Locator Spy to add locators to test methods.
    - Identify objects in your application.

- Adding verification
    - Understand what a verification is.
    - Add a verification to your test.

- Play back tests and analyze results
    - Playback tests.
    - Edit replay options to fit your environment.
    - Understand TrueLog
    - View and understand test results.

- Testing Web applications on mobile browsers
    - Record a test for a Web application on a mobile browser.
    - Replay the same test on both a mobile browser and a desktop browser.

- Cross-browser testing
    - Understand what cross-browser testing is.
    - Change the browser that is used in your test.
    - Create a test that is run on multiple browsers.

- Wrap up exercises
    - Complete wrap up exercise – review practical course objectives
    - Complete wrap up quiz

Wymagania:

The following is recommended:

- Be a test automation engineer or developer
- Be familiar with the Windows environment
- Familiar with basic concepts related to functional testing, regression testing, Web architecture
- Have experience testing applications manually
- Familiar with Eclipse and Java programming language
- This course assumes that you have a technical background and are familiar with development practices

Poziom trudności

Certyfikaty:

The participants will obtain certificates signed by Micro Focus (course completion).

Prowadzący:

Authorized Micro Focus Trainer.