

Training: Micro Focus SLK410 - Silk4Net C# Scripting Essentials



TRAINING GOALS:

This course provides the foundational concepts and skills needed to use the Silk4Net plugin for Visual Studio to create automated tests using C#.

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

- Introduction to Silk4NET
- Understand Silk4NET 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 C#.

CONSPECT:

- Course Introduction
 - Identify the daily classroom schedule and methodology
 - Review the course objectives
- Introduction to Silk4NET
 - Understand Silk4NET is and where it fits in the testing lifecycle.
 - Know the benefits of using Silk4NET.
- Creating a Silk4NET project
 - Describe projects and understand why they are used.

- Create new projects in Visual Studio
- 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 Silk4NET.
- Recording a test
 - Add a test to a project.
 - Record a test.
- Object recognition
 - Understand how Silk4NET 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

REQUIREMENTS:

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 Visual Studio and C# programming language
- This course assumes that you have a technical background and are familiar with development practices

Difficulty level



CERTIFICATE:

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

TRAINER:

Authorized Micro Focus Trainer.