

## 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.