

Test Studio Online Training:

FUNCTIONAL TESTING FOR WEB, SILVERLIGHT AND WPF

Introduction

GOALS

- Why, where and how to use UI automation
- Basics of Test Studio
- Fundamentals of UI automation
- Locators, asynchronous and more
- Common automation issues
- Extending Test Studio
- Data driven tests, using code effectively and more
- Learn how to keep tests maintainable

Segment One: Introducing Test Studio

- What should you automate?
- Focus on high-value business-level features
- Test Studio's IDE
- Default settings and browser configuration
- Test organization
- Recording and playing back tests
- Test lists

Segment Two: Web Testing

- Web testing
- Introducing the page lifecycle
- Understanding the DOM and locators/find logic
- Working with asynchronous situations (AJAX)
- Popups and dialogs

Segment Three: Easy XAML Testing- WPF and Silverlight

- Exploring XAML testing
- The DOM vs. the XAML tree
- Recording Silverlight
- Test Studio differences for XAML vs. web
- Recording WPF
- Application configuration

Segment Four: Beyond the Basics

- Structuring your tests
- Setup and teardown actions
- Using the right amount of code
- Working in Visual Studio
- Data driving your tests
- Conditional logic
- Manual testing
- Understanding where manual tests fit in
- Combining automation and manual with fast-forward

Segment Five: Wrapping It Up

- Automation is high value over the long run
- Focus on high-value tests
- Learn how Test Studio works in your unique environment
- Keep tests maintainable and flexible
- Evolve your test suite and APIs over time
- Need help? Contact Telerik!