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# Selenium Webdriver Practical Guide

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Selenium Fundamentals

Automated Test Web Applications Wisely with Open Source Test Frameworks:

Selenium and Watir

Second Edition

Write clear, readable, and reliable tests with Selenium WebDriver 3

Learn to Implement Different Testing Techniques Using the Selenium WebDriver

Build data-driven test frameworks using Selenium WebDriver, AppiumDriver, Java, and TestNG

Selenium 2 Testing Tools

Selenium Framework Design in Data-Driven Testing

Revised Edition - Part 1

A Practical Guide to Continuous Delivery

Techniques, Practices, and Patterns for Building and Maintaining Effective Software Projects

The Problem Solving Guide to Selenium Webdriver in Python

FBI Romantic Suspense

The Problem Solving Guide to Selenium WebDriver in Java

Test Automation Using Selenium Webdriver 3.0 with C#

Come Learn How to Program for Automation Testing

Absolute Beginner, Part 1 Selenium Webdriver for Functional Automation Testing

ATDD by Example

Selenium WebDriver 3 Practical Guide - Second Edition

Learn Selenium

Build data-driven test frameworks for mobile and web applications with Selenium Web Driver 3

Complete Guide to Test Automation

Come Learn How to Program for Automation Testing; Black & White Edition

Speed Up Your Internal Testing by Automating User Interaction with Browsers and Web Applications

Beginner's Guide

Selenium WebDriver Recipes in C#

Practical Web Test Automation

Selenium Webdriver in Practice

End-to-end automation testing for web and mobile browsers with Selenium WebDriver, 2nd Edition

A Tutorial Guide to Selenium RC with Java and JUnit

Selenium Testing Tools Cookbook

Automate the Boring Stuff with Python, 2nd Edition

Java 4 Selenium Webdriver

Java for Testers

Instant Selenium Testing Tools Starter

API Testing and Development with Postman

Selenium WebDriver Recipes in Java

## Selenium with Python - A Beginner's Guide A Cold Dark Place

*Selenium WebDriver  
Practical Guide*

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### ARTHUR ALISSON

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*Selenium Fundamentals* Packt Publishing Ltd

A quick problem-solving guide to automated testing web applications with Selenium WebDriver in JavaScript. It contains hundreds of solutions to real-world testing problems, with clear explanations and ready-to-run Selenium test scripts that you can use in your own projects.

*Automated Test Web Applications Wisely with Open Source Test Frameworks:*

*Selenium and Watir* Packt Publishing Ltd

Explore the world of APIs and learn how to integrate them with production-ready applications using Postman and the Newman CLI Key Features Learn the tenets of effective API testing and API design Gain an in-depth understanding of the various features Postman has to offer Know when and how to use Postman for creating high-quality APIs for software and web apps Book Description Postman enables the exploration and testing of web APIs, helping testers and developers figure out how an API works. With Postman, you can create effective test automation for any APIs. If you want to put your knowledge of APIs to work quickly, this practical guide to using Postman will help you get started. The book provides a hands-on approach to learning the implementation and associated methodologies that will have you up and running with Postman in no time. Complete with step-by-step explanations of essential concepts, practical

examples, and self-assessment questions, this book begins by taking you through the principles of effective API testing. A combination of theory coupled with real-world examples will help you learn how to use Postman to create well-designed, documented, and tested APIs. You'll then be able to try some hands-on projects that will teach you how to add test automation to an already existing API with Postman, and guide you in using Postman to create a well-designed API from scratch. By the end of this book, you'll be able to use Postman to set up and run API tests for any API that you are working with. What you will learn Find out what is involved in effective API testing Use data-driven testing in Postman to create scalable API tests Understand what a well-designed API looks like Become well-versed with API terminology, including the different types of APIs Get to grips with performing functional and non-functional testing of an API Discover how to use industry standards such as OpenAPI and mocking in Postman Who this book is for The book is for software testing professionals and software developers looking to improve product and API quality through API test automation. You will find this book useful if understand APIs and want to build your skills for creating, testing, and documenting APIs. The book assumes beginner-level knowledge of JavaScript and API development.

**Second Edition** Manning Publications Step by step directions to get started with Selenium using Python as a programming language Key features Get introduced to the world of Selenium Understand the concept of locators in

Selenium Learn how to write scripts using Selenium WebDriver in Python Learn the concepts of synchronization Learn how to handle different HTML elements like form, table, alert, frame, and dropdown Learn about design patterns like the page object model, data-driven tests, and adding assertions

Description Selenium is the most popular open source test automation tool available in the market. In the last decade, its usage has dramatically increased in the IT sector across all types of organizations. The reason for its popularity is mainly because it supports multiple programming languages, test executions on multiple browsers and operating systems. In this book, we will learn about the different components of Selenium. We will discuss the concepts of WebDriver and learn how to apply test automation concepts with it to automate the testing of our application. We will learn the process of recognizing the test objects on the screen and writing Selenium commands using Python as a programming language We will also discuss how to use design patterns like the page object mode and data-driven testing to ensure building a robust test framework, which is modular and scalable in nature. What will you learn

The objective is to introduce the world of Selenium to a manual tester who knows Python as a programming language. You will learn to demystify the concept of identifying test objects and writing Selenium commands to create robust test scripts. This book will help learn to automate different HTML elements, which we come across in the web applications we need to test. You will understand how to build a good test suite by learning the concept of design patterns like the page object model and

data-driven tests to ensure maintainability of code. Who this book is for This book is for people who have experience in manual testing and knowledge in Python as a programming language. This book will also be helpful for a developer who knows Python as a programming language and is looking for test automation as a career option.

Table of contents

1. Selenium - Important Conceptual Background
2. Selenium IDE
3. Locators in Selenium
4. Installation and Setup
5. Selenium WebDriver
6. Unit Test Creation n Python
7. Synchronizing Tests
8. Parameterization of Tests
9. Handling Different Web Elements
10. Working with Frames
11. Concept of the Page Object Model
12. Implementing Selenium Grid

About the author Pallavi has an overall professional experience of 14 years. She has worked in varied roles as a product/project manager in the presales team and marketing team for solutions on test automation tools. She holds two provisional patents along with other contributors for her work on building tool agnostic test automation framework solutions. Currently, she is acting as a test automation coach, writer, speaker and owner at 5 Elements Learning where she collaborates and works with test automation enthusiasts across the globe. As an avid learner, she likes to keep herself updated to the latest trends and Technologies. She is a firm believer in a larger good and likes to live by example. She volunteers her time for the organization eVidyaloka where she acts as a centre administrator. She is a lifetime member for the Jabarkhet forest reserve and People for Animals. Her Website: <http://5elementslearning.com> Her LinkedIn Profile: <https://www.linkedin.com/in/pallavirsharma/>

*Write clear, readable, and reliable tests with Selenium WebDriver 3 Selenium Testing Tools Definitive Guide*

If you are a quality testing professional, or a software or web application developer looking to create automation test scripts for your web applications, with an interest in Python, then this is the perfect guide for you. Python developers who need to do Selenium testing need not learn Java, as they can directly use Selenium for testing with this book.

[Learn to Implement Different Testing Techniques Using the Selenium WebDriver](#) Packt Pub Limited

Selenium is a the most popular open-source test automation tool. Its widely used in Industry to automate web and mobile projects. Selenium can be used to test across different browsers and platforms. Its flexible enough to allow you to code your automation scripts in languages like Java, C#, Python etc. Selenium primarily has 3 components Selenium Integrated Development Environment (IDE) Selenium WebDriver Selenium Grid This book covers tutorials and training to teach you Selenium 2 as well Selenium 3. The book uses Java as the scripting language. Table Of Contents Chapter 1: Introduction to Selenium Chapter 2: Install Selenium IDE and FireBug Chapter 3: Introduction to Selenium IDE Chapter 4: Creating your First Selenium IDE script Chapter 5: How to use Locators in Selenium IDE Chapter 6: How to enhance a script using Selenium IDE Chapter 7: Introduction to WebDriver & Comparison with Selenium RC Chapter 8: Guide to install Selenium WebDriver Chapter 9: Creating your First Script in Webdriver Chapter 10: Accessing Forms in Webdriver Chapter 11: Accessing Links & Tables using Selenium Webdriver Chapter 12:

Keyboard Mouse Events , Uploading Files - Webdriver Chapter 13: How TestNG makes Selenium tests easier Chapter 14: Introduction to Selenium Grid Chapter 15: Parameterization using XML and DataProviders: Selenium Chapter 16: Cross Browser Testing using Selenium Chapter 17: All About Excel in Selenium: POI & JXL Chapter 18: Creating Keyword & Hybrid Frameworks with Selenium Chapter 19: Page Object Model (POM) & Page Factory in Selenium: Ultimate Guide Chapter 20: PDF, Emails and Screenshot of Test Reports in Selenium [Build data-driven test frameworks using Selenium WebDriver, AppiumDriver, Java, and TestNG](#) Createspace Independent Publishing Platform Increase the performance, capability, and reliability of your automated checks by mastering Selenium WebDriver About This Book • Create an extensible test framework in Java supporting parallel execution with TestNG • Understand the power, simplicity, and limitations of the core Selenium framework • Write clear, simple, readable, and reliable tests that perform complex test automation tasks Who This Book Is For If you are a software tester or a developer who has learnt the basics of Selenium using the WebDriver API and is now ready to take the next step, then this is the book for you. What You Will Learn • Provide fast, useful feedback with sensible errors and screenshots • Create extensible, well-composed page objects • Gain an in-depth understanding of implicit and explicit waits, and how you should use them • Leverage the full power of the Actions API • Explore the full potential of the JavascriptExecutor • Extend Selenium's capabilities by integrating other applications • Learn how to plug third-party products into Selenium, and where it is appropriate to do so

Detail Selenium WebDriver, also known as Selenium 2, is a UI automation tool used by software developers and QA engineers to test their web applications on different web browsers. The Selenium WebDriver API is fully object oriented compared with the deprecated Selenium RC. The WebDriver API provides multi-language support and run tests on all the most popular browsers. In this wide and complex World Wide Web era, this book will teach you how to tame it by gaining an in-depth understanding of the Selenium API. This book starts with how to solve the difficult problems that you will undoubtedly come across as you start using Selenium in an enterprise environment, followed by producing the right feedback when failing, and what the common exceptions are, explain them properly (including the root cause) and tell you how to fix them. You will also see the differences between the three available implicit waits and explicit waits, and learn to working with effective page objects. Moving on, the book shows you how to utilize the Advanced User Interactions API, how you can run any JavaScript you need through Selenium, and how to quickly spin up a Selenium Grid using Docker containers. At the end, the book will discuss the upcoming Selenium W3C specification and how it is going to affect the future of Selenium.

Selenium 2 Testing Tools Packt Publishing Ltd

Rely on this robust and thorough guide to build and maintain successful test automation. As the software industry

shifts from traditional waterfall paradigms into more agile ones, test automation becomes a highly important tool that allows your development teams to deliver software at an ever-increasing pace without compromising quality. Even though it may seem trivial to automate the repetitive tester's work, using test automation efficiently and properly is not trivial. Many test automation endeavors end up in the "graveyard" of software projects. There are many things that affect the value of test automation, and also its costs. This book aims to cover all of these aspects in great detail so you can make decisions to create the best test automation solution that will not only help your test automation project to succeed, but also allow the entire software project to thrive. One of the most important details that affects the success of the test automation is how easy it is to maintain the automated tests. Complete Guide to Test Automation provides a detailed hands-on guide for writing highly maintainable test code. What You'll Learn Know the real value to be expected from test automation Discover the key traits that will make your test automation project succeed Be aware of the different considerations to take into account when planning automated tests vs. manual tests Determine who should implement the tests and the implications of this decision Architect the test project and fit it to the architecture of the tested application Design and implement highly reliable automated tests Begin gaining value from test automation earlier Integrate test automation into the business processes of the development team Leverage test automation to improve your organization's performance and quality, even without formal authority Understand how

different types of automated tests will fit into your testing strategy, including unit testing, load and performance testing, visual testing, and more. Who This Book Is For Those involved with software development such as test automation leads, QA managers, test automation developers, and development managers. Some parts of the book assume hands-on experience in writing code in an object-oriented language (mainly C# or Java), although most of the content is also relevant for nonprogrammers.

**Selenium Framework Design in Data-Driven Testing** Independently Published

This book is written in Beginner's Guide style which emphasizes the concept of learning by doing. The book is packed with examples and code so that you can get the best out of this book. If you are a Software Quality Assurance professional, Software Project Manager, or a Software Developer interested in automated testing using Selenium, this book is for you. Web-based application developers will also benefit from this book.

*Revised Edition - Part 1* Packt Publishing Ltd

Whether you are an experienced WebDriver developer or someone who was newly assigned a task to create automated tests, this book is for you. Since the ideas and concepts are described in simple terms, no previous experience in computer coding or programming is required.

**A Practical Guide to Continuous Delivery** Packt Publishing Ltd

With Acceptance Test-Driven Development (ATDD), business customers, testers, and developers can collaborate to produce testable requirements that help them build higher quality software more rapidly. However, ATDD is still widely

misunderstood by many practitioners. ATDD by Example is the first practical, entry-level, hands-on guide to implementing and successfully applying it. ATDD pioneer Markus Gärtner walks readers step by step through deriving the right systems from business users, and then implementing fully automated, functional tests that accurately reflect business requirements, are intelligible to stakeholders, and promote more effective development. Through two end-to-end case studies, Gärtner demonstrates how ATDD can be applied using diverse frameworks and languages. Each case study is accompanied by an extensive set of artifacts, including test automation classes, step definitions, and full sample implementations. These realistic examples illuminate ATDD's fundamental principles, show how ATDD fits into the broader development process, highlight tips from Gärtner's extensive experience, and identify crucial pitfalls to avoid. Readers will learn to Master the thought processes associated with successful ATDD implementation Use ATDD with Cucumber to describe software in ways businesspeople can understand Test web pages using ATDD tools Bring ATDD to Java with the FitNesse wiki-based acceptance test framework Use examples more effectively in Behavior-Driven Development (BDD) Specify software collaboratively through innovative workshops Implement more user-friendly and collaborative test automation Test more cleanly, listen to test results, and refactor tests for greater value If you're a tester, analyst, developer, or project manager, this book offers a concrete foundation for achieving real benefits with ATDD now-and it will help you reap even more

value as you gain experience.

### **Techniques, Practices, and Patterns for Building and Maintaining Effective Software Projects**

Createspace Independent Publishing Platform

An easy to follow guide, featuring stepbystep practical tutorials to help you understand how to automate web applications for testing purposes.If you are a quality assurance / testing professional, a software developer, or a web application developer looking to create automation test scripts for your web applications, this is the perfect guide for you! As a prerequisite, this book expects you to have a basic knowledge of Core Java, although any previous knowledge of WebDriver or Selenium1 is not needed. By the end of this book, you will have acquired a comprehensive knowledge of WebDriver, which will help you in writing your automation tests.

The Problem Solving Guide to Selenium WebDriver in Python Packt Pub Limited  
Using Continuous Delivery, you can bring software into production more rapidly, with greater reliability. A Practical Guide to Continuous Delivery is a 100% practical guide to building Continuous Delivery pipelines that automate rollouts, improve reproducibility, and dramatically reduce risk. Eberhard Wolff introduces a proven Continuous Delivery technology stack, including Docker, Chef, Vagrant, Jenkins, Graphite, the ELK stack, JBehave, and Gatling. He guides you through applying these technologies throughout build, continuous integration, load testing, acceptance testing, and monitoring. Wolff's start-to-finish example projects offer the basis for your own experimentation, pilot programs, and full-fledged deployments. A Practical Guide to Continuous Delivery is for

everyone who wants to introduce Continuous Delivery, with or without DevOps. For managers, it introduces core processes, requirements, benefits, and technical consequences. Developers, administrators, and architects will gain essential skills for implementing and managing pipelines, and for integrating Continuous Delivery smoothly into software architectures and IT organizations. Understand the problems that Continuous Delivery solves, and how it solves them Establish an infrastructure for maximum software automation Leverage virtualization and Platform as a Service (PAAS) cloud solutions Implement build automation and continuous integration with Gradle, Maven, and Jenkins Perform static code reviews with SonarQube and repositories to store build artifacts Establish automated GUI and textual acceptance testing with behavior-driven design Ensure appropriate performance via capacity testing Check new features and problems with exploratory testing Minimize risk throughout automated production software rollouts Gather and analyze metrics and logs with Elasticsearch, Logstash, Kibana (ELK), and Graphite Manage the introduction of Continuous Delivery into your enterprise Architect software to facilitate Continuous Delivery of new capabilities  
**FBI Romantic Suspense** Toni Anderson Inc.

If You Are Ready To Master Selenium WebDriver Using Java Then You Must Read This Book " This is by far the best Java book specifically for Selenium WebDriver " Note: Book available on your tablet, phone, PDF, PC, Mac, and paperback (Black/White & Color). The kindle edition is free after purchasing the paperback. You will find details of downloading the PDF document inside

the book. 3 Tips To Master Selenium Within 30 Days Copy and paste this URL <http://tinyurl.com/3-Tips-For-Selenium> into your browser to receive your tips Did You Know That Java Is The Most Popular Language In Programming And If You Learn It, You Will Have A Headstart With Selenium WebDriver? Do you wonder how much programming is required for an automation project? The truth is "testers only require a portion of programming" to be effective on a project. " Part 2 - Java 4 Selenium WebDriver " provides the core set of Java that is needed for an automation project in a step-by-step approach. Necessary Java concepts are explained in a very simple, insightful, and easy to understand manner through straightforward definitions and examples. Don't Miss Out! You Need To Read This Book So You Can Learn: ✓ Classes, Objects, and Methods ✓ Arrays and Strings ✓ Inheritance ✓ Packages ✓ Interfaces ✓ Errors, Exceptions, and Debugging ✓ How To Utilize Java's Input / Output System Scroll Up and Order Your Copy

[The Problem Solving Guide to Selenium WebDriver in Java](#) Test Automation Using Selenium with Java

Solve your Selenium WebDriver problems with this quick guide to automated testing of web applications with Selenium WebDriver in C#. Selenium WebDriver Recipes in C#, Second Edition contains hundreds of solutions to real-world problems, with clear explanations and ready-to-run Selenium test scripts that you can use in your own projects. You'll learn: How to locate web elements and test functions for hyperlinks, buttons, TextFields and TextAreas, radio buttons, CheckBoxes, and more How to use Selenium WebDriver for select lists, navigation,

assertions, frames, file upload and pop-up dialogs How to debug test scripts and test data How to manage and deal with browser profiles and capabilities“/li> How to manage tests for advanced user interactions and experiences (UX) How to work with and manage tests and testing using Selenium Remote Control and Selenium Server Audience This book is for experienced .NET and C# Windows application programmers/developers. [Test Automation Using Selenium WebDriver 3.0 with C#](#) Packt Publishing Ltd

The updated second edition of the popular tutorial guide to automated testing. Selenium is one of the most popular open-source automated testing tools available today. Understanding Selenium-RC and writing automated tests in a programming language are sought after skills on the job market and a great way of maximising the benefit from automated testing. Contrary to the beliefs of many testers, learning to code does not have to be complicated or hard. "Selenium Simplified" takes you through the process of installing and learning to use all the basic tools needed to write automated tests using Java as the programming language. Written in a tutorial style, this book helps you learn to code even if you haven't programmed before. No time is wasted on the theory of automation or padding about the tools. This book focuses on the practical knowledge needed to automate tests for production systems.

[Come Learn How to Program for Automation Testing](#) CreateSpace Real-world examples of cross-browser, mobile, and data-driven testing with all the latest features of Selenium WebDriver 3 Key Features Unlock the full potential of Selenium to test your web applications Use Selenium Grid for



faster, parallel running, and cross-browser testing Test iOS and Android Apps with Appium Book Description Selenium WebDriver is an open source automation tool implemented through a browser-specific driver, which sends commands to a browser and retrieves results. The latest version of Selenium 3 brings with it a lot of new features that change the way you use and setup Selenium WebDriver. This book covers all those features along with the source code, including a demo website that allows you to work with an HTML5 application and other examples throughout the book. Selenium WebDriver 3 Practical Guide will walk you through the various APIs of Selenium WebDriver, which are used in automation tests, followed by a discussion of the various WebDriver implementations available. You will learn to strategize and handle rich web UI using advanced WebDriver API along with real-time challenges faced in WebDriver and solutions to handle them. You will discover different types and domains of testing such as cross-browser testing, load testing, and mobile testing with Selenium. Finally, you will also be introduced to data-driven testing using TestNG to create your own automation framework. By the end of this book, you will be able to select any web application and automate it the way you want. What you will learn Understand what Selenium 3 is and how is has been improved than its predecessor Use different mobile and desktop browser platforms with Selenium 3 Perform advanced actions, such as drag-and-drop and action builders on web page Learn to use Java 8 API and Selenium 3 together Explore remote WebDriver and discover how to use it Perform cross browser and distributed testing with Selenium Grid

Use Actions API for performing various keyboard and mouse actions Who this book is for Selenium WebDriver 3 Practical Guide is for software quality assurance/testing professionals, software project managers, or software developers interested in using Selenium for testing their applications. Prior programming experience in Java is necessary.

*Absolute Beginner, Part 1 Selenium WebDriver for Functional Automation Testing* No Starch Press

This book is for people who want to learn Java. Particularly people on a team that want to learn Java, but who aren't going to be coding the main Java application i.e. Testers, Managers, Business Analysts, Front End Developers, Designers, etc. If you already know Java then this book may not be for you. This book is aimed at beginners. Designed to help the reader get started fast, the book is easy to follow, and has examples related to testing. You can find the companion web site for the book at <http://javafortesters.com> The book covers 'just enough' to get people writing tests and abstraction layers. For example, the book cover the basics of Inheritance, but doesn't really cover Interfaces in detail. We explain the concept of Interfaces, because we need to know it to understand Collections, but not how to write them. Why? Because the book covers enough to get you started, and working. But not overload the reader. Once you are on your way, and have gained some experience. You should have the basic knowledge to understand the additional concepts. Why 'for testers'? Java Developers coding production applications in Java need to learn Java differently from other people on the team. Throughout the author's career, he has have written thousands of

lines of Java code, but has rarely had to compile the code into an application. Yet, when we learn Java from most books, one of the first things we learn is 'javac' and the 'main' method and working from the command line. And this is confusing. Most of the code the author writes is wrapped up in a JUnit @Test method. The author has trained many people to write automation in Java, and everytime he has taught Java to testers or other people on the team, we start with a JUnit @Test method and run tests from the IDE. Testers, and other people on the team use java differently. This book provides a different order and approach to learning Java. You can find the source code for all examples and exercises used in the book over on github: <https://github.com/eviltester/javaForTestersCode>

*ATDD by Example* Packt Publishing Ltd

The second edition of this best-selling Python book (over 500,000 copies sold!) uses Python 3 to teach even the technically uninclined how to write programs that do in minutes what would take hours to do by hand. There is no prior programming experience required and the book is loved by liberal arts majors and geeks alike. If you've ever spent hours renaming files or updating hundreds of spreadsheet cells, you know how tedious tasks like these can be. But what if you could have your computer do them for you? In this fully revised second edition of the best-selling classic *Automate the Boring Stuff with Python*, you'll learn how to use Python to write programs that do in minutes what would take you hours to do by hand--no prior programming experience required. You'll learn the basics of Python and explore Python's rich library of modules for performing specific tasks, like scraping

data off websites, reading PDF and Word documents, and automating clicking and typing tasks. The second edition of this international fan favorite includes a brand-new chapter on input validation, as well as tutorials on automating Gmail and Google Sheets, plus tips on automatically updating CSV files. You'll learn how to create programs that effortlessly perform useful feats of automation to:

- Search for text in a file or across multiple files
- Create, update, move, and rename files and folders
- Search the Web and download online content
- Update and format data in Excel spreadsheets of any size
- Split, merge, watermark, and encrypt PDFs
- Send email responses and text notifications
- Fill out online forms

Step-by-step instructions walk you through each program, and updated practice projects at the end of each chapter challenge you to improve those programs and use your newfound skills to automate similar tasks. Don't spend your time doing work a well-trained monkey could do. Even if you've never written a line of code, you can make your computer do the grunt work. Learn how in *Automate the Boring Stuff with Python, 2nd Edition*.

### **Selenium WebDriver 3 Practical Guide - Second Edition** Addison-Wesley Professional

The Selenium Recipes book is a quick problem-solving guide to automated testing web applications with Selenium WebDriver. It contains hundreds of solutions to real-world problems, with clear explanations and ready-to-run test scripts you can use in your own projects.

### **Learn Selenium** Apress

While few people deny the benefits of test automation, comprehensive automated testing via UI (browser for web applications) is rarely implemented

in software projects. Common reasons for projects' failed attempts on test automation are: Difficult to learn - test scripts are complex and testing tools are not easy to use Hard to maintain - UI tests are vulnerable to application changes Long feedback loop - automated tests take too long to run To succeed in automated testing via UI, software projects need to overcome all these 3 challenges. This book presents a practical approach to implementing test

automation for web applications. Topics include: Developing easy to read and maintain Watir/Selenium tests using next-generation functional testing tool Page object model Functional Testing Refactorings Cross-browser testing against IE, Firefox and Chrome Setting up continuous testing server to manage execution of a large number of automated UI tests Requirement traceability matrix Strategies on team collaboration and test automation adoption in projects and organizations