Leverage the power of Selenium to build your own real-time test cases from scratch

About This Book
Build automated scripts and develop Test Automation Frameworks using the Selenium WebDriver tool. Automate tests to ensure error-free, quality software. A comprehensive guide with real-world examples and screenshots to automate browser testing using Selenium.

Who This Book Is For
If you are a software developer with a basic knowledge of testing and are interested in automated testing using Selenium, this is the book for you. No prior knowledge of Selenium is required.

What You Will Learn
Understand designing and implementing the automation framework Understand and implement AJAX in your web pages Set up Selenium WebDriver in both IntelliJ and Eclipse Build test suites in Selenium using PageObjects Get to know about WebElement handling with Selenium WebDriver Install Selenium WebDriver for mobile devices Understand and learn testing in Selenium Grid

In Detail
Web technologies are becoming increasingly complex and there is often a need to test your web applications against a vast number of browsers and platforms, so you need to build highly reliable and maintainable test automation cases. Selenium is one of the most easy to implement and efficient solutions for this. This book will guide you through designing and implementing the automation framework on Selenium to build advanced automated test cases. You will start with getting acquainted with the Selenium IDE, working with AJAX, and using different methods to locate elements in a web page. You will then move on to using PageObjects, making tests maintainable, using WebDriver with different browsers, and setting up Selenium Grid. You will also be introduced to advanced topics such as working with proxy servers, network intrusions, and more. By the end of the book, you will have the skills to efficiently test your web applications using Selenium. A well-detailed section has been dedicated to teaching you the object-oriented concepts with basics of core Java, which are the pre-requisites for Selenium automation.

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Customer Reviews

I don’t fault the author for lapses in what may be a non-native language. But I surely fault Packt Publishing for selling books in an English-speaking market without respecting customers enough to properly proofread and copy edit their offerings. The technical information here is sound but I found myself re-reading and fine-parsing far more than I’d like - to the point where I began to doubt the author’s expertise - justified or not. If I have a criticism of the content it’s there’s too much time spent on recording tests with Selenium IDE. No one doing serious web-based automation these days is doing record and playback, and they’re not strictly testing GUI controls. They’re coding from scratch in either Java or C# against APIs and injecting JavaScript and/or JSON/XML. The sooner you get comfortable writing directly to the Web Driver, the sooner you’ll be productive. I’d like to recommend this book but the best I can do is ‘conditionally’. There are just too many better-written sources of similar information out there.

The book is full of less relevant information, such as Java basics, Selenium RC explanations and so on. However, the most important knowledge, which I was looking for when I purchased this book - how to build the Selenium Automation framework from scratch - was not explained in detail, this section was only briefly shown in chapter 7 on literally less than 20 pages (out of 291 pages of the book). So overall I was disappointed from this book, although I did learn a few new things from it.

Clearly written with good examples. Was able to get going quickly.

Raghavendra prasad has done excellent research and published the book that’s perfect reading for a person who likes to explore, learn and expertise in selenium Web Driver. It’s very detail in nature and things that have been covered in depth with examples and is explanatory in nature. Especially the advanced topics covered in chapter 11, 12 and 13 provide an in depth knowledge for existing users of selenium. Thanks RP for your work and like to see more from you in near future...

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