

The book was found

Testing With F#



Synopsis

Deliver high-quality, bug-free applications by testing them with efficient and expressive functional programming About This BookMaximize the productivity of your code using the language features of F#Leverage tools such as FsUnit, FsCheck, Foq, and TickSpec to run tests both inside and outside your development environmentA hands-on guide that covers the complete testing process of F# applicationsWho This Book Is ForIf you are a developer who wants to test applications using F#, this is the book for you. Basic experience of testing and intermediate experience of functional programming in F# is expected.What You Will LearnSet up a test environment in your code baseWrite unit tests, integration tests, and functional tests for F# applicationsLeverage tools such as FsUnit, Foq, Canopy, and TickSpec to run tests both inside and outside your development environmentMaximize the productivity of your test code using the language features of F# Extract dependencies to databases, web services, and other IO bound operationsTest your applications using executable specifications on a web browserDiscover the best practices for developing a sustainable test suite In DetailStarting with an introduction to the concepts behind test automation, you will learn how to set up your test environment for unit testing and how to execute your test suite within and outside of Visual Studio. Using different test frameworks as MSTest, NUnit, and xUnit, you will learn how to write tests in isolation, create test doubles with Foq, and write expressive assertions with FsUnit.You will learn techniques used to mock database contexts, test stored procedures, use migrations to test databases in isolation, control a web browser with Canopy, and test web services with F# interactive. You will learn how these techniques apply to Agile principles and discover how testing fits into your project.

Book Information

Paperback: 282 pages

Publisher: Packt Publishing - ebooks Account (February 23, 2015)

Language: English

ISBN-10: 1784391239

ISBN-13: 978-1784391232

Product Dimensions: 7.5 x 0.6 x 9.2 inches

Shipping Weight: 1.4 pounds (View shipping rates and policies)

Average Customer Review: 3.7 out of 5 starsÂ Â See all reviewsÂ (3 customer reviews)

Best Sellers Rank: #1,463,901 in Books (See Top 100 in Books) #147 inÂ Books > Computers & Technology > Programming > Web Programming > ASP.NET #505 inÂ Books > Computers &

Customer Reviews

Great book. It provides a good introduction to software testing in general - useful as I had to recently step in and lead a group of end user testers for a few months - and a great introduction to automated software testing using F# and the readily available test frameworks ie NUnit, xUnit and MSTest, . Don't forget to get the bonus chapter on testing with FsCheck. btw - it's also a great intro to F# programming in general. Really good book.

This book gives an overview of how to do testing with F# using various testing frameworks. Then gives an overview of various testing methodologies and strategies. This is occasionally interspersed with short rants and "war stories" by the author. Given the price it is ok but I expected more F#, more depth, and less "fluff".

I believe this is a very interesting book for all people who want to start their adventure with testing using F# and don't know how to do that. The book starts with describing testing as an activity, gradually introducing F# and showing how to configure test environment. It goes through different types of tests: unit, integration and functional as well as it points out test smells and commandments of test automation. At the beginning the book starts with basics going into more details as you go.

[Download to continue reading...](#)

Daniels and Worthingham's Muscle Testing: Techniques of Manual Examination and Performance Testing, 9e (Daniels & Worthington's Muscle Testing (Hislop)) The Basics of Hacking and Penetration Testing, Second Edition: Ethical Hacking and Penetration Testing Made Easy Penetration Testing: Communication Media Testing (EC-Council Press) ACSM's Resource Manual for Guidelines for Exercise Testing and Prescription (Ascms Resource Manual for Guidlies for Exercise Testing and Prescription) Ruppel's Manual of Pulmonary Function Testing, 10e (Manual of Pulmonary Function Testing (Ruppel)) Manual of Pulmonary Function Testing, 9e (Manual of Pulmonary Function Testing (Ruppel)) Testing Women, Testing the Fetus: The Social Impact of Amniocentesis in America (The Anthropology of Everyday Life) Hacking: How to Hack Computers, Basic Security and Penetration Testing Learning Nessus for Penetration Testing Kali Linux: Windows Penetration Testing Selenium Testing Tools Cookbook - Second Edition The Hacker Playbook 2: Practical Guide To Penetration Testing Perl Testing: A Developer's Notebook The

Hacker Playbook: Practical Guide To Penetration Testing Network Performance Toolkit: Using Open Source Testing Tools Performance Testing Guidance for Web Applications .Net Performance Testing and Optimization - The Complete Guide Developer Testing: Building Quality into Software (Addison-Wesley Signature Series (Cohn)) Advanced Software Testing - Vol. 3, 2nd Edition: Guide to the ISTQB Advanced Certification as an Advanced Technical Test Analyst Performance Testing Microsoft .NET Web Applications

[Dmca](#)