Google Drive

Expert F# 3.0 (Expert's Voice in F#)

Don Syme, Adam Granicz, Antonio Cisternino

Download now

Click here if your download doesn"t start automatically

Expert F# 3.0 (Expert's Voice in F#)

Don Syme, Adam Granicz, Antonio Cisternino

Expert F# 3.0 (Expert's Voice in F#) Don Syme, Adam Granicz, Antonio Cisternino

Expert F# 3.0 is about practical programming in a beautiful language that puts the power and elegance of data-rich functional programming into the hands of professional developers. In combination with .NET, F# achieves unrivaled levels of programmer productivity and program clarity.

Expert F# 3.0 is:

- A comprehensive guide to F# by the inventor of F#
- A treasury of F# techniques for practical problem-solving
- An in-depth case book of how F# applications and of F# 3.0 concepts, syntax, and features

F# isn't just another functional programming language. It's a general-purpose language ideal for solving real-world development problems. F# seamlessly integrates functional, imperative, object-oriented and query programming styles so you can flexibly and elegantly solve any programming problem. F# 3.0 combines this with the seamless data-integration capabilities of F# Information-Rich Programming. Whatever your background, you'll find that F# is easy to learn, fun to use, and extraordinarily powerful. F# will change the way you think about—and go about—programming.

Written by F#'s inventor and two major F# community members, *Expert F# 3.0* is a comprehensive and in-depth guide to the language and its use. Designed to help others become experts, the book quickly yet carefully describes the paradigms supported by F# language, and then shows how to use F# elegantly for a practical web, data, parallel and analytical programming tasks.

The world's experts in F# show you how to program in F# the way they do!

What you'll learn

- Explore F# and its features quickly and thoroughly in the introductory chapters
- Use F# with matching technologies including SQL, LINQ, ASP.NET and REST
- Build reactive, asynchronous, and distributed web applications with F#
- Interoperate with F# from other languages, especially C#
- Integrate data sources and services using F# 3.0 Information-Rich Programming
- Test, profile, and performance tune F# applications
- Create mobile applications, both web and native

Who this book is for

Expert F# 3.0 is for anyone interested in state-of-the-art programming for solving real-world problems. Programmers of all backgrounds will find it engrossing. For C#, Java and VB programmers, F# provides invaluable insights into the future of these languages. For lovers of Python, Ruby and other dynamic languages, F# shows how you can get most of the benefits of these languages while keeping strong types and good performance. For educators, F# is the answer to a decades-long prayer: a language based on strong computer science concepts that also excites and empowers, not just in the classroom, but also in the real world.

Table of Contents

1. Introduction

2. Your First F# Program – Getting Started With F#

3. Introducing Functional Programming

4. Introducing Imperative Programming

5. Understanding Types in Functional Programming

6. Programming with Objects

7. Encapsulating and Organizing Your Code

8. Working with Textual Data

9. Working with Sequences and Structured Data

10. Numeric Programming and Charting

11. Reactive, Asynchronous, and Parallel Programming

12. Symbolic Programming with Structured Data

13. Integrating External Data and Services

14. Building Smart Web Applications

15. Building Mobile Web Applications

16. Visualization and Graphical User Interfaces

17. Language-Oriented Programming: Advanced Techniques

18. Libraries and Interoperating with Other Languages

19. Packaging, Debugging and Testing F# Code

20. Designing F# Libraries

21. Appendix

Download Expert F# 3.0 (Expert's Voice in F#) ...pdf

Read Online Expert F# 3.0 (Expert's Voice in F#) ...pdf

Download and Read Free Online Expert F# 3.0 (Expert's Voice in F#) Don Syme, Adam Granicz, Antonio Cisternino

---

From reader reviews:

Thomas Schulz:

The experience that you get from Expert F# 3.0 (Expert's Voice in F#) is the more deep you looking the information that hide inside words the more you get thinking about reading it. It doesn't mean that this book is hard to be aware of but Expert F# 3.0 (Expert's Voice in F#) giving you buzz feeling of reading. The article writer conveys their point in a number of way that can be understood by means of anyone who read this because the author of this book is well-known enough. That book also makes your vocabulary increase well. It is therefore easy to understand then can go along with you, both in printed or e-book style are available. We highly recommend you for having that Expert F# 3.0 (Expert's Voice in F#) instantly.

Kristy Lange:

Do you have something that you like such as book? The publication lovers usually prefer to pick book like comic, quick story and the biggest one is novel. Now, why not trying Expert F# 3.0 (Expert's Voice in F#) that give your enjoyment preference will be satisfied simply by reading this book. Reading addiction all over the world can be said as the method for people to know world much better then how they react when it comes to the world. It can't be claimed constantly that reading behavior only for the geeky man but for all of you who wants to possibly be success person. So , for every you who want to start examining as your good habit, you may pick Expert F# 3.0 (Expert's Voice in F#) become your starter.

Otis Key:

Is it a person who having spare time subsequently spend it whole day through watching television programs or just resting on the bed? Do you need something totally new? This Expert F# 3.0 (Expert's Voice in F#) can be the response, oh how comes? A fresh book you know. You are therefore out of date, spending your time by reading in this new era is common not a nerd activity. So what these publications have than the others?

Kathe Waller:

Don't be worry in case you are afraid that this book may filled the space in your house, you will get it in e-book means, more simple and reachable. This particular Expert F# 3.0 (Expert's Voice in F#) can give you a lot of close friends because by you looking at this one book you have matter that they don't and make a person more like an interesting person. This kind of book can be one of a step for you to get success. This e-book offer you information that maybe your friend doesn't recognize, by knowing more than different make you to be great men and women. So , why hesitate? Let's have Expert F# 3.0 (Expert's Voice in F#).

Download and Read Online Expert F# 3.0 (Expert's Voice in F#) Don Syme, Adam Granicz, Antonio Cisternino #9NZWMT8U3LK

Read Expert F# 3.0 (Expert's Voice in F#) by Don Syme, Adam Granicz, Antonio Cisternino for online ebook

Expert F# 3.0 (Expert's Voice in F#) by Don Syme, Adam Granicz, Antonio Cisternino Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Expert F# 3.0 (Expert's Voice in F#) by Don Syme, Adam Granicz, Antonio Cisternino books to read online.

Online Expert F# 3.0 (Expert's Voice in F#) by Don Syme, Adam Granicz, Antonio Cisternino ebook PDF download

Expert F# 3.0 (Expert's Voice in F#) by Don Syme, Adam Granicz, Antonio Cisternino Doc

Expert F# 3.0 (Expert's Voice in F#) by Don Syme, Adam Granicz, Antonio Cisternino Mobipocket

Expert F# 3.0 (Expert's Voice in F#) by Don Syme, Adam Granicz, Antonio Cisternino EPub