



F# Deep Dives

By Tomas Petricek, Phil Trelford

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Summary

F# Deep Dives presents a collection of real-world F# techniques, each written by expert practitioners. Each chapter presents a new use case where you'll read how the author used F# to solve a complex problem more effectively than would have been possible using a traditional approach. You'll not only see how a specific solution works in a specific domain, you'll also learn how F# developers approach problems, what concepts they use to solve them, and how they integrate F# into existing systems and environments.

Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications.

About the Technology

F# is an elegant, cross-platform, functional-first programming language. With F#, developers create consistent and predictable programs that are easier to test and reuse, simpler to parallelize, and less prone to bugs. The language, its tooling, and the functional programming style have proven effective in many application areas like secure financial engines, machine learning algorithms, scientific calculations, collaborative web applications, games, and more.

About the Book

F# Deep Dives is a selection of real-world F# techniques written by expert practitioners. Each chapter presents an important use case where you'll solve a real programming challenge effectively using F# and the functional-first approach. Not only will you see how a specific solution works in a specific domain, but you'll also learn how functional programmers think about problems, how they solve them, and how they integrate F# into existing systems and environments.

Readers should have at least an introductory knowledge of the F# language.

What's Inside

- Numerical computing
- Data visualization

- Business logic
- Domain-specific languages
- Practical solutions to real problems
- Information-rich programming, including LINQ and F# type providers
- Covers F# 3.1 and VS 2013

About the Authors

Tomas Petricek contributed to the development of the F# language at Microsoft Research. **Phil Trelford** is an early adopter of F# and one of its most vocal advocates. They are joined by F# experts **Chris Ballard**, **Keith Battocchi**, **Colin Bull**, **Chao-Jen Chen**, **Yan Cui**, **Johann Deneux**, **Kit Eason**, **Evelina Gabasova**, **Dmitry Morozov**, and **Don Syme**.

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Editorial Review

About the Author

Tomas Petricek contributed to the development of the F# language at Microsoft Research and is active on StackOverflow. He's the author of Real-World Functional Programming (Manning).

Phil Trelford is an early adopter of F# and one of its most vocal advocates. You'll find him at <http://trelford.com/blog/author/phil.?aspx>.

Users Review

From reader reviews:

Ivan Caputo:

A lot of people always spent their particular free time to vacation or even go to the outside with them family members or their friend. Are you aware? Many a lot of people spent these people free time just watching TV, or perhaps playing video games all day long. If you would like try to find a new activity that is look different you can read the book. It is really fun in your case. If you enjoy the book that you read you can spent the whole day to reading a book. The book F# Deep Dives it doesn't matter what good to read. There are a lot of people who recommended this book. We were holding enjoying reading this book. In the event you did not have enough space to create this book you can buy the e-book. You can m0ore effortlessly to read this book through your smart phone. The price is not too expensive but this book provides high quality.

Harold Baughman:

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Cecilia Moore:

In this era globalization it is important to someone to find information. The information will make someone to understand the condition of the world. The health of the world makes the information easier to share. You can find a lot of referrals to get information example: internet, paper, book, and soon. You can view that now, a lot of publisher that will print many kinds of book. Often the book that recommended to you is F#

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Jason Caldwell:

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