

## Functional C#



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## FUNCTIONAL C#



Packt Publishing - ebooks Account. Paperback. Condition: New. 423 pages. Dimensions: 9.2in. x 7.5in. x 0.8in. Key Features This book focuses on the functional paradigm of C, which will give you a whole new angle on coding with C# It illustrates the advantages that functional programming brings to the table and the associated coding benefits This practical guide covers all the aspects of functional programming and provides solutions that can be applied in business scenarios Book Description Functional programming makes your application faster, improves performance, and increases your productivity. C code is written at a higher level of abstraction, so that code will be closer to business requirements, abstracting away many low-level implementation details. This book bridges the language gap for C developers by showing you how to create and consume functional constructs in C. We also bridge the domain gap by showing how functional constructs can be applied in business scenarios. We'll take you through lambda expressions and extension methods, and help you develop a deep understanding of the concepts and practices of LINQ and recursion in C. By the end of the book, you will be able to write code using the best approach and will be able to perform unit testing in functional programming, changing how you write your applications and revolutionizing your projects. What you will learn Develop an application using the functional approach Implement unit testing to functionally program code Create efficient code using functional programming Work through a LINQ query so you can work with data Compose asynchronous programs to create a responsive application Use recursion in function programming in order to simplify code Optimize the program code using Laziness and Caching Techniques About the Author Wisnu Anggoro is a Microsoft Certified Professional in C programming and an experienced C# developer. He has also authored Boost. Asio C Network Programming - Second Edition, published by Packt. He has been...



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