

C Depth 3rd Jon Skeet

When you have a question about C# 5.0 or the .NET CLR, this bestselling guide has precisely the answers you need. Uniquely organized around concepts and use cases, this updated fifth edition features a reorganized section on concurrency, threading, and parallel programming—including in-depth coverage of C# 5.0's new asynchronous functions. Shaped by more than 20 expert reviewers, including Microsoft's Eric Lippert, Stephen Toub, Chris Burrows, and Jon Skeet, this book has all you need to stay on track with C# 5.0. It's widely known as the definitive reference on the language. Get up to speed on C# language basics, including syntax, types, and variables Explore advanced topics such as unsafe code and type variance Dig deep into LINQ via three chapters dedicated to the topic Learn about code contracts, dynamic programming, and parallel programming Work with .NET features, including reflection, assemblies, memory management, security, I/O, XML, collections, networking, and native interoperability "C# 5.0 in a Nutshell is one of the few books I keep on my desk as a quick reference." —Scott Guthrie, Microsoft "Whether you're a novice programmer or an expert who wants to improve your knowledge of modern asynchronous programming techniques, this book has the information you need to get the job done in C#." —Eric Lippert, Microsoft

C# in Depth Pearson Professional

The definitive reference to the C# Programming Language, updated for the new version 4.0, direct from its creator, Anders Hejlsberg * *New to this edition - all code presented in full color. *Contains insightful, valuable annotations from twelve leading C# programmers, available nowhere else. *C# has become the most widely used language for Windows development. *Anders Hejlsberg is the creator of C#, and a true legend among programmers. C# is now firmly established as the most-used language when writing applications for Windows and the Microsoft platform. Written by the language's architect, Anders Hejlsberg, and design team members, and now updated for C# 4.0, The C# Programming Language, 4/e, is the definitive technical reference for C#. It provides the most complete specification of the languages, along with descriptions, reference materials, and code samples from the C# design team. This edition also adds valuable notes, comments, and tips from twelve of the world's top C# programmers, including Bill Wagner, Chris Sells, Jesse Liberty, and Brad Abrams. It has been brought fully up to date with the new features of C# 4.0. And new to this edition, all the code will be presented in full color, so that it appears in the book exactly as it appears on screen. This book is a must-have for any developer using C# on a regular basis.

A guide to the key topics of C# covers lambda expressions, LINQ, generics, nullable types, iterators, and extension methods.

Microsoft has introduced a large number of changes to the way that the .NET Framework operates. Familiar technologies have being altered, best practices replaced, and developer methodologies adjusted. Many developers find it hard to keep up with the pace of change across .NET's ever-widening array of technologies. You may know what's happening in C#, but how about the Azure cloud? How is that going to affect your work? What are the limitations of the pLINQ syntax? What you need is a roadmap. A guide to help you see the innovations that matter and to give you a head start on the opportunities available in the new framework. Introducing .NET 4.0: with Visual Studio 2010 is designed to provide you with just that roadmap. It serves as a no-nonsense primer that will help experienced .NET developers

understand the impact of the new framework and its associated technologies. This book will keep you updated on the changes and help you to seize new opportunities confidently and quickly.

Popular Mechanics inspires, instructs and influences readers to help them master the modern world. Whether it's practical DIY home-improvement tips, gadgets and digital technology, information on the newest cars or the latest breakthroughs in science -- PM is the ultimate guide to our high-tech lifestyle.

A best-selling text, *Understanding Motor Development: Infants, Children, Adolescents, Adults* provides students and professionals with both an explanatory and a descriptive basis for the processes and products of motor development. Covering the entire life span, this text focuses on the phases of motor development and provides a solid introduction to the biological, affective, cognitive, and behavioral aspects within each developmental stage. The student is presented with the most up-to-date research and theory, while the Triangulated Hourglass Model is used as a consistent conceptual framework that brings clarity to understanding infant, childhood, adolescent, and adult motor development.

Effective techniques and experienced insights to maximize your C# 6 and 7 programming skills Key Features Written by C# legend and top StackOverflow contributor Jon Skeet Unlock the new features of C# 6 and 7 Insights on the future of the C# language Master asynchronous functions, interpolated strings, tuples, and more Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. "An excellent overview of C# with helpful and realistic examples that make learning the newest features of C# easy." —Meredith Godar About The Book C# is the foundation of .NET

development. New features added in C# 6 and 7 make it easier to take on big data applications, cloud-centric web development, and cross-platform software using .NET Core. Packed with deep insight from C# guru Jon Skeet, this book takes you deep into concepts and features other C# books ignore. C# in Depth, Fourth Edition is an authoritative and engaging guide that reveals the full potential of the language, including the new features of C# 6 and 7. It combines deep dives into the C# language with practical techniques for enterprise development, web applications, and systems programming. As you absorb the wisdom and techniques in this book, you'll write better code, and become an exceptional troubleshooter and problem solver. What You Will Learn

Comprehensive guidance on the new features of C# 6 and 7 Important legacies and greatest hits of C# 2–5 Expression-bodied members Extended pass-by-reference functionality Writing asynchronous C# code String interpolation Composition with tuples Decomposition and pattern matching This Book Is

Written For For intermediate C# developers. About The Author Jon Skeet is a senior software engineer at Google. He studied mathematics and computer science at Cambridge, is a recognized authority in Java and C#, and maintains the position of top contributor to Stack Overflow. Table of Contents 1. Survival of the sharpest 2. C# 2 3. C# 3: LINQ and everything that comes with it 4. C# 4: Improving interoperability 5. Writing asynchronous code 6. Async implementation

7. C# 5 bonus features 8. Super-sleek properties and expression-bodied members 9. Stringy features 10. A smörgåsbord of features for concise code 11. Composition using tuples 12. Deconstruction and pattern matching 13. Improving efficiency with more pass by reference 14. Concise code in C# 7 15. C# 8 and beyond PART 1 C# IN CONTEXT PART 2 C# 2–5 PART 3 C# 6 PART 4 C# 7 AND BEYOND

Offers a reference to key C# programming concepts covering language elements, syntax, datatypes, and tasks.

First multi-year cumulation covers six years: 1965-70.

In its 114th year, Billboard remains the world's premier weekly music publication and a diverse digital, events, brand, content and data licensing platform. Billboard publishes the most trusted charts and offers unrivaled reporting about the latest music, video, gaming, media, digital and mobile entertainment issues and trends.

"Real World Functional Programming" is a unique tutorial that explores the functional programming model through the F# and C# languages.

Presents an updated guide to the workings and latest feature of the common language runtime, Microsoft .NET, and C#.

Summary C# in Depth, Fourth Edition is your key to unlocking the powerful new features added to the language in C# 5, 6, and 7. Following the expert guidance of C# legend Jon Skeet, you'll master asynchronous functions, expression-bodied members, interpolated strings, tuples, and much more. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology The powerful, flexible C# programming language is the foundation of .NET development. Even after two decades of success, it's still getting better! Exciting new features in C# 6 and 7 make it easier than ever to take on big data applications, cloud-centric web development, and cross-platform software using .NET Core. There's never been a better time to learn C# in depth. About the Book C# in Depth, Fourth Edition is a revised edition of the bestseller written by C# legend Jon Skeet. This authoritative and engaging guide is your key to unlocking this powerful language, including the new features of C# 6 and 7. In it, Jon introduces expression-bodied members, interpolated strings, pattern matching, and more. Real-world examples drive it all home. By the end of this awesome book, you'll be writing C# code with skill, style, and confidence. What's Inside Comprehensive coverage of C# 6 and 7 Greatest hits of C# 2-5 Extended pass-by-reference functionality String interpolation Composition with tuples Decomposition and pattern matching About the Reader For intermediate C# developers. About the Author Jon Skeet is a senior software engineer at Google. He studied mathematics and computer science at Cambridge, is a recognized authority in Java and C#, and maintains the position of top contributor to Stack Overflow. Table of Contents PART 1 C# IN CONTEXT Survival of the sharpest PART 2 C# 2-5 C# 2 C# 3: LINQ and everything that comes with it C# 4: Improving interoperability Writing asynchronous code Async implementation C# 5 bonus features PART 3 C# 6 Super-sleek properties and expression-bodied members Stringy features A smörgåsbord of features for concise code PART 4 C# 7 AND BEYOND Composition using tuples Deconstruction and pattern matching Improving efficiency with more pass by reference Concise code in C# 7 C# 8 and beyond

Learn the fundamentals, practical applications, and latest features of C# 8.0 and .NET Core 3.0 from expert teacher Mark J. Price. Key Features Build modern, cross-platform applications with .NET Core 3.0 Get up to speed with C#, and up to date with all the latest features of C# 8.0 Start creating professional web applications with ASP.NET Core 3.0 Book Description In

C# 8.0 and .NET Core 3.0 - Modern Cross-Platform Development, Fourth Edition, expert teacher Mark J. Price gives you everything you need to start programming C# applications. This latest edition uses the popular Visual Studio Code editor to work across all major operating systems. It is fully updated and expanded with new chapters on Content Management Systems (CMS) and machine learning with ML.NET. The book covers all the topics you need. Part 1 teaches the fundamentals of C#, including object-oriented programming, and new C# 8.0 features such as nullable reference types, simplified switch pattern matching, and default interface methods. Part 2 covers the .NET Standard APIs, such as managing and querying data, monitoring and improving performance, working with the filesystem, async streams, serialization, and encryption. Part 3 provides examples of cross-platform applications you can build and deploy, such as web apps using ASP.NET Core or mobile apps using Xamarin.Forms. The book introduces three technologies for building Windows desktop applications including Windows Forms, Windows Presentation Foundation (WPF), and Universal Windows Platform (UWP) apps, as well as web applications, web services, and mobile apps. What you will learn Build cross-platform applications for Windows, macOS, Linux, iOS, and Android Explore application development with C# 8.0 and .NET Core 3.0 Explore ASP.NET Core 3.0 and create professional web applications Learn object-oriented programming and C# multitasking Query and manipulate data using LINQ Use Entity Framework Core and work with relational databases Discover Windows app development using the Universal Windows Platform and XAML Build mobile applications for iOS and Android using Xamarin.Forms Who this book is for Readers with some prior programming experience or with a science, technology, engineering, or mathematics (STEM) background, who want to gain a solid foundation with C# 8.0 and .NET Core 3.0.

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