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Professional C# 6 And .NET Core 1.0

Synopsis

A true professional's guide to C# 6 Professional C# 6 andÂ .NET Core 1.0Â provides complete coverage of the latest updates, features, and capabilities, giving you everything you need for C#. Get expert instruction on the latest changes to Visual Studio 2015, Windows Runtime, ADO.NET, ASP.NET, Windows Store Apps, Windows Workflow Foundation, and more, with clear explanations, no-nonsense pacing, and valuable expert insight. This incredibly useful guide serves as both tutorial and desk reference, providing a professional-level review of C# architecture and its application in a number of areas. You'll gain a solid background in managed code and .NET constructs within the context of the 2015 release, so you can get acclimated quickly and get back to work. The new updates can actively streamline your workflow, with major changes including reimagined C# refactoring support, a new .NET Web app stack, and the .NET compiler platform that makes C# and Visual Basic compilers available as APIs. This book walks you through the changes with a comprehensive C# review. Explore the new Visual Studio templates for ASP.NET Core 1.0, Web Forms, and MVC Learn about the networking switch to HttpClient and ASP.NET Web API's replacement of WCF Data Services Work with the latest updates to the event log, Windows Runtime 2.0, and Windows 8.1 deployment and localization Dig deep into the new .NET 5.0 GC behaviors and the Migrations addition to ADO.NET Microsoft has stepped up both the cadence and magnitude of their software releases. Professional C# 6 and .NET Core 1.0Â shows you everything you need to know about working with C# in a real-world context.

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Customer Reviews

This book almost won the .NET Core 1.0 publication race. The first book/s on a new technology sell more and thus make more money but the 'best' books come later. It's obvious the author was using an early version (probably RC1) of .NET Core when writing this book. Unfortunately, RC2 removed the command line tools and opted to release them in 'Previews'. As of today (30 May 2016) the tooling preview is preview 1. Preview 1 does not contain all the functionality that's shown in this book. For example, page 19 talks about the REPL. The REPL is not currently available. On page 21 it states that you can compile a program to native code using this command line: > dotnet build --native. No, you can't. Running that will give you an error. The note (in the insert) on page 22 mentions the 'dotnet compile' command but that currently is not available either. Maybe these tools will be available in the future, maybe not. For now the book leaves the reader scratching their head.Also, (Code on page 20) the NetStandard.Library moniker shown under the "dependencies" section of the sample project.json file is obsolete. It has been replaced by Microsoft.NETCore.App. This mistake propagates into subsequent chapters.If the code is still in RC or Preview status, write a blog post or at most, a 200-300 page book on getting started. Don't write the 1400+ page professional edition until development slows down. To learn more about the current state of .NET Core, read Microsoft's .NET blog.5 start reviews for a 1400+ page professional level programming book, containing thousands of lines of sample code, posted less than 30 days after publication, should be taken with a grain of salt. JE

I got this book in May and was curious about the latest technologies covered by the appealing title "Professional C# 6.0 and .NET Core 1.0". This is the first book I saw covering the open-source framework .NET Core - and it's worth the money!It's cool that both sides, the traditional .NET Framework as well as the new multi-platform open-source framework .NET Core are represented in this book. Technology is an enabler and at the end developers need to achieve the latest technologies and the impact of their solutions. This book supports both goals.Whether you want to learn about WPF and the Universal Windows Platform or Web applications and Web services, you find these topics covered in that book. Even - or especially - professional C# developers will learn a lot about C#, developing models and even pure and new C# syntax.Well, .NET Core is a very new concept and I thought it's hard to cover that technology in such an early stage, but I found out that the author really invested a lot of effort for informing about .NET Core and how to work with that new technologies in real life scenarios. The book covers the RC-versions which were present at the time of publishing along with the new .NET Core command line tools (CLI). I really appreciate that the

author updates the samples on his GitHub repository to support developers reflecting the newest changes.I am still not finished with that extensive book. It can be used for reading and for look ups. "Professional C# 6.0 and .NET Core 1.0" is really made for professional developers as the title suggests. You can see that the author is passionate about his book(s) and is working and living in the technologies he teaches. The examples are intuitively understandable and easy to use. What would you expect more?As a professional software developer in the modern app-world, this book is a must read.

Really pleased with this and it offers comprehensive coverage of every aspect of .Net Core. My only issue is that while there are downloadable example projects for each chapter, they were written with a pre-release version of VS/.Net Core/Win 10/whatever, so when you load them up in Visual Studio, all of the external references are broken and they wont compile.

I am only about a third of the way through this book, but I am really enjoying it - and learning a lot along the way. This is my first introduction to .NET Core and I am liking what I see so far.

Great intro to C#6 and .NET Core. If you want to learn these two this is the book. Not for beginners. Have been coding in C# since .NET 1.1

Great book for learning the .NET Core 1.0.

Christian Nagel's C# books have been my companion since the early days of .NET. Over the years they became a valuable source of information and samples, always close to my desk. A kind of "bible". This is a complete rewrite focusing on C# 6 and concentrating on state-of-the-art themes. It's a real programmer-to-programmer book in the best tradition of Wrox. And it is written in easy to understand English, ideal for students with another mother language. You can read it from cover to cover. Due to a new layout and small font, the weight reduction is significant, in case you need to carry the book with you. I had no time to test the source code samples so far.

This book is horrible and I wasted a few weeks trying to read it. I wasted my money on another book by this guy and lost another week on that book. Finally I bought Stephens book - wrox got smart and joined with Wiley. Stephen's book is a baby book and goes way slower than I need - Stephens assumes the reader knows absolutely nothing. But at least he wants the reader to learn - Stephens

isn't guarding the knowledge to prevent people from learning.

MCAD/MCSD Self-Paced Training Kit: Developing Windows®-Based Applications with Microsoft® Visual Basic® .NET and Microsoft Visual C#® .NET, Second Ed: ... C#(r) .Net, Second Ed (Pro-Certification) MCPD Self-Paced Training Kit (Exams 70-536, 70-528, 70-547): Microsoft® .NET Framework Web Developer Core Requirements: Microsoft .Net Framework Web ... Requirements (Microsoft Press Training Kit) Beginning ASP.NET E-Commerce in C#: From Novice to Professional (Expert's Voice in .NET) Professional C# 6 and .NET Core 1.0 Database Programming with Visual Basic .NET and ADO.NET: Tips, Tutorials, and Code The .NET and COM Interoperability Handbook (Integrated .Net) Building Web Solutions with ASP.Net and ADO.NET (Developer Reference) ASP.NET For Beginners: The Simple Guide to Learning ASP.NET Web Programming Fast! Pro ASP.NET MVC Framework (Expert's Voice in .NET) Programming ASP.NET MVC 4: Developing Real-World Web Applications with ASP.NET MVC Pro Microsoft Speech Server 2007: Developing Speech Enabled Applications with .NET (Expert's Voice in .NET) C# 6 and .NET Core 1.0: Modern Cross-Platform Development Programming with Microsoft Visual C++ .Net, Sixth Edition (Core Reference) (Pro-Developer) Microsoft Visual C#(tm) .Net (Core Reference) Programming Microsoft® Visual Basic® .NET (Core Reference) (Developer Reference) Pro ASP.NET Core MVC Microsoft® ADO.NET (Core Reference) (Developer Reference) The 201 on Building Web API with ASP.NET Core MVC ASP.NET Core 1.0 High Performance ASP.NET Core Application Development: Building an application in four sprints (Developer Reference)