Foundations Of C++/CLI: The Visual C++ Language For .NET 3.5 (Expert's Voice In .NET)
Foundations of C++/CLI: The Visual C++ Language for .NET 3.5 introduces C++/CLI, Microsoft’s extensions to the C++ syntax that allow you to target the common language runtime, the key to the heart of the .NET Framework 3.5. This book gives you a small, fast-paced primer that will kickstart your journey into the world of C++/CLI. In 13 no-fluff chapters, Microsoft insiders take readers into the core of the C++/CLI language and explain both how the language elements work and how Microsoft intends them to be used. This book is a beginner’s guide, but it assumes a familiarity with programming basics. And it concentrates on explaining the aspects of C++/CLI that make it the most powerful and fun language of the .NET Framework. As such, this book is ideal if you’re thinking of migrating to C++/CLI from another language. By the end of this book, you’ll have a thorough grounding in the core language elements together with the confidence to explore further that comes from a solid understanding of a language’s syntax and grammar.

**Synopsis**

I have been programming C++ for years but I never worked in the .NET world but I needed to learn it for my latest assignment. This book was very well organized and I found it provided much useful information to help me with my transition. This book is not for beginners.

This is a very useful and the most complete C++/CLI book I read. Definitely much better than books

**Book Information**

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**Customer Reviews**

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This is a very useful and the most complete C++/CLI book I read. Definitely much better than books
like CLI in Action but not perfect, because the author is not a language designer like Stroustrup or Sutter. One of the things I found very useful is the format of examples with printed output that really makes it very easy to understand order of execution, branching etc. If you are an experienced C++ programmer and need to learn how to write managed code you will not regret buying this book.

I read this book in 2009 and thought this was an excellent introduction to Microsoft C++/CLI. What is the benefit of C++/CLI? Basically, you can mix managed and native code together seamlessly. That gives you access to a huge base of technology from the 1970’s to present. The second advantage is that the 3.5 version of this technology gives you compatibility with Microsoft Windows XP through Windows 8. The downside is the seamless mixing of managed and native may not always have the right performance or professional support. Finally, there may be a far better supported and high performance option in Microsoft Windows 8 called Microsoft C++/CX. Still, if you like C++/CX but need an option that is better suited to Microsoft Windows versions prior to Windows 8, then this book provides information on a technology set that could apply. I thought the description of the technology, the example code, and the thoroughness of the coverage was sufficient to allow most persons to use the technology. Even if, like me, your main programming language background is in Microsoft C#, you can still use the technology in pure managed mode quite successfully.

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