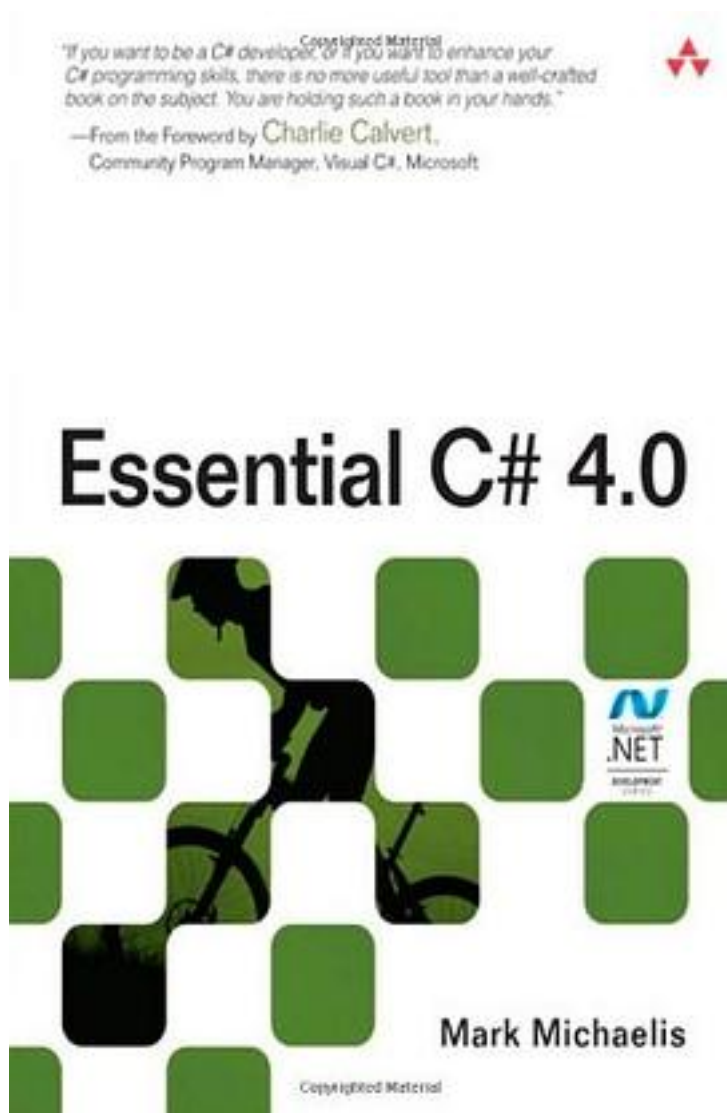# Essential C# 4.0

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Essential C# 4.0 is a well-organized,"no-fluff" guide to all versions of C# for programmers at all levels of C# experience. This fully updated edition shows how to make the most of C# 4.0's new features and programming patterns to write code that is simple, yet powerful. This edition contains two new chapters on parallel programming, multi-threading, and concurrency, as well as extensive coverage of new C# 4.0 features: dynamic typing, variance, optional/named parameters, and many other new topics. Mark Michaelis covers the C# language in depth, illustrating key constructs with succinct, downloadable code examples. Graphical "mind maps" at the beginning of each chapter show what material is covered and how individual topics interrelate. Topics intended for beginners and advanced readers are clearly marked, and the book includes indexes of C# versions (2.0, 3.0, and 4.0), which make it easy for readers to reference topics specific to a given release of C#. Following an introduction to C#, readers learn about * Best practices for object-oriented programming in C# * C# primitive data types, value and reference types, implicitly typed variables, anonymous types, plus dynamic typing in C# 4.0 * Methods and parameters-including extension methods, partial meth-ods, and C# 4.0's optional and named parameters * Generics, concurrent collections, and custom collections with iterators * Delegates, events, and lambda expressions * Collection interfaces and standard query operators * Query expressions and the tree expressions on which LINQ providers are based * Reflection, attributes, and dynamic programming * Parallel Query Processing with PLINQ * Multithreaded programming with the Task Parallel Library * Platform interoperability and unsafe code * The Common Language Infrastructure that underlies C# Whether you're just starting out, are an experienced developer moving to C#, or are a seasoned C# programmer seeking to master C# 4.0's most valuable enhancements, Essential C# 4.0 will help you write high-quality, highly effective code.

作者介绍:

Mark Michaelis，微软Visual Studio MVP，现任Itron公司企业架构师，并在著名顾问公司Pluralsight担任导师。他是广受尊敬的资深C#专家，曾经受邀担任C#和VSTS等多个微软产品的软件设计审查顾问。除本书外，他还与Herbert Schildt合写过COM+方面的著作。

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标签

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评论

书写的挺好，可惜是讲C#的。。我是有多抗拒学C#啊。。

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书评

http://www.amazon.com/Essential-Edition-Microsoft-Windows-Development/dp/0321877586/ Essential C# 5.0 (4th Edition) (Microsoft Windows Development Series) Mark Michaelis (Author), Eric Lippert (Author) Publisher: Addison-Wesley Professional; 4 edition ...

优点:
作者对C#的基础知识讲的很清楚,同时例子也很有代表性,对初学者来说有点难度但不是很大,读起来很顺畅,相比其他的C#书籍厚度也适中,作为一本C#入门书籍非常理想. 不足:
对.NET框架的内部原理和应用介绍偏少. 总结:
该书是一本优秀的C#入门书籍,但若是搞平台开发,书中讲述的...

好多人都评价是必读的好书，但是我觉得不是....我不喜欢这书，觉得有些地方讲的不明白，有写该讲的知识都没讲，也不够透彻，看书的时候是照着msdn的文档才看懂的。学C++有c++primer，学java有java核心技术，学C#的这种书，我还没找到。

原来c#不单单是c++和java的混血，在委托和lambda
表达式里我似乎还看到了第三者javascript的影子，听说还有sql表达式。。。
我倒想看看这么缤纷的血统是怎么统一在面向对象的思想中的
书中介绍c#的一些高级特性时，常常不忘告诉读者语言上做了简化源码的源码被编译器编译成CIL...

真的很实在，虽然我不是学c#的，但也能从中学到点东西。尤其是对内部细节的一些深入探讨，在很多入门书中几乎是不可能看到的。很高兴在国内还能看到这样的一本书，总体来说，翻译的质量并不能说非常好，但是对于很多原先就是用中文写的书来说还是要好得多，感谢作者，感谢译者。

本书实在是鄙人学习计算机语言以来见过的最好的书。无论是行文以及例子，都是那么得无懈可击。真的很好，非常典型。无论读者是什么水平，都能从中获益！

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