



# C# 2010 for Programmers (4th Edition) (Deitel Developer Series)

*Paul Deitel, Harvey M. Deitel*

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**The professional programmer's Deitel® guide to C# 2010 and the powerful Microsoft® .NET 4 Framework**

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Start with a concise introduction to C# fundamentals using an early classes and objects approach, then rapidly move on to more advanced topics, including multithreading, .NET 4, LINQ, WPF, ASP.NET 4, WCF web services and Silverlight®. Along the way you'll enjoy the Deitels' classic treatment of object-oriented programming and the OOD/UML® ATM case study, including a complete C# implementation. When you're finished, you'll be ready to build next-generation Windows applications, web applications and web services.

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- Generic Collections, Methods and Classes
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“Takes you from zero to the highest levels of C# programming proficiency. The pedagogical approach and wealth of online material guarantee this book an outstanding place among its peers. The best presentation on inheritance, interfaces and polymorphism I have seen in my 25+ years as a trainer and consultant! Superbly clear.”

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“Shows the practical application of the most recent topics in C# development. A gentle introduction to LINQ and the .NET collection classes; I like it very much! Shows a lot of useful basic techniques and most of the ‘second level facts’ needed to develop WinForms apps. I like the way you introduce working with databases using LINQ to SQL. Excellent introduction to ASP.NET. A very good introduction to generics. Outstanding chapter on collections; the discussion of the new co- and contra-variance capabilities is by necessity short, but very nice.”

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“The code examples provide a very good start on C# programming. A good job explaining the concepts of classes and objects in plain English. The arrays chapter is well done. A nice introduction to LINQ and Collections. The code examples in the chapter on polymorphism and interfaces are excellent. Important exception-related topics are explained with good examples.”

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“Teaches how to ‘program in the large,’ with material on object-oriented programming and software engineering principles.”

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“An excellent, true objects-first book. Excellent introduction to data structures and collections. The generics material is a real asset.”

—Gavin Osborne, Saskatchewan Institute of Applied Science and Technology

“Great chapter on polymorphism.”

—Eric Lippert, Microsoft

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“Updated contents cover the most important additions to the language while maintaining the Deitels’ well-known high-quality. The early introduction to classes and objects is brilliant. I especially like the explanation of properties, and the discussion of value types vs. reference types. [Classes and Objects: A Deeper Look] does a really good job providing good practices for accessing private data and reusing code. The [Data Structures] chapter is very well written. Coverage of ASP.NET is exceptional.”

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“Perfect for professionals. Thorough introductions to the debugger and LINQ.”

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