



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

*Paul Deitel, Harvey M. Deitel*

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**C# 2010 for Programmers (4th Edition) (Deitel Developer Series) Paul Deitel, Harvey M. Deitel**  
**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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“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.”

—Octavio Hernandez, Microsoft C# MVP, Advanced Bionics

“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.”

—Mingsheng Hong, Cornell University

“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

“Excellent chapter on exceptions. Very good chapter on Winforms GUIs.”

—Marcelo Guerra Hahn, Microsoft

“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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“An excellent introduction to XML, LINQ to XML and related technologies.”—Helena Kotas, Microsoft

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