# **C#** Design Pattern Essentials





## Synopsis

Once you've learned the fundamentals of the C# programming language you need to be able to put that knowledge into practice - and understanding design patterns is essential in being able to write clear, concise and effective code, even for complex applications.C# Design Pattern Essentials gives you a step-by-step guide to the world of object-oriented software development, using tried and trusted techniques. The examples and code extracts have been deliberately kept simple, enabling you to concentrate on understanding the concepts and application of each pattern rather than having to wade through irrelevant source code. And the pattern examples have been designed around a common theme, making it easier for you to see how they relate to each other and more importantly how you can adapt them to your applications. While the book assumes a basic knowledge of C# you certainly don't need to be a guru. This book is perfect for the programmer who wishes to take their skills up to the next level, so you can feel confident about using C# in real-world applications.Coverage includes: All 23 of the design patterns described in the seminal work of Erich Gamma, Richard Helm, Ralph Johnson, John Vlissides; Design Patterns: Elements of Reusable Object-Oriented Software (Addison-Wesley, 1995). Additional patterns for use in real-world applications.Full, simple explanation of the Model-View-Controller (MVC) pattern.Easy to follow UML diagrams. Advice on how to use the patterns in practice.

### **Book Information**

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#### **Customer Reviews**

This book makes an attempt to distill the "essence" of patterns down to the simplest examples possible. Sadly, in doing so, it strips out much of the power of practical examples. Despite having over 200 pages, the book is amazingly devoid of useful content. Most of the volume of the book consists of program listings, and the source code is so ridiculously boilerplate that only about 10% of the lines are important. The listings could have been omitted entirely and not much would have changed. Implementations of interfaces frequently consist of a single line of "actual" code which might do something as rudimentary as print to the console, e.g. Console.Writeline("Building car windows now..."). And while one could argue that this helps focus on the organization, I would MUCH rather have seen real practical examples with implementation details simply omitted. At least realistic examples missing implementation details would better convey the practical application of the patterns. By contrast, these toy examples compile, but they don't offer a hint of everyday applicability. Worse, there is little to no commentary explaining why each pattern is useful, its pros and cons, what other contexts is might be employed, etc. Readers are frequently left with only the silly car analogy and no practical idea of how the pattern might appear in their own code.So, honestly, I'm not sure who would benefit from this book. If you're an old-hat at design patterns, then this book really won't offer any new insights, and even the C# syntax presented here is extremely rudimentary.

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