



# Pattern Hatching: Design Patterns Applied

*By John Vlissides*

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## **Pattern Hatching: Design Patterns Applied** By John Vlissides

Software developers now recognize the value of design patterns in helping build better software more efficiently. As a result, design patterns have become extremely popular in the software development community. Pattern Hatching explains and enhances the information from the seminal work in the field, Design Patterns: Elements of Reusable Object-Oriented Software. The hands-on approach offered by John Vlissides, co-author of Design Patterns, enables you to better understand the pattern development process, and therefore identify and write your own patterns. The author's insights will further allow you to apply the original 23 patterns by example.

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## **Pattern Hatching: Design Patterns Applied** By John Vlissides Bibliography

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## Editorial Review

### Amazon.com Review

Author John Vlissides is a member of the so-called Gang of Four: writers of the bestselling and influential *Design Patterns: Elements of Reusable Object-Oriented Software*, a catalog of 23 design patterns. This more recent book delivers considerable insight on using and applying software design patterns--reusable designs for common programming problems--and compiles the author's further experience with patterns.

*Pattern Hatching* first defends the patterns movement by offering 10 myths about patterns, which provide a framework for thinking about the role of patterns in today's software. (While not a silver bullet, the author argues for the continued importance of patterns throughout software engineering.) The next section shows how to apply several patterns (drawn from the original 23) in a file system; the author uses and describes common patterns such as the Composite, Visitor, Proxy, and Singleton. To help illustrate how to use patterns and how they work together, the author also provides C++ source code for the designs in the book.

Part of the fun of reading *Pattern Hatching* is getting the author's insight on the origin of thinking about patterns, including several patterns that were actually left out of the original book, such as the Generation Gap pattern and the Multicast pattern.

For readers who are familiar with *Design Patterns*, *Pattern Hatching* is a lively behind-the-scenes look at one of the most important recent developments in software design. --Richard Dragan

### Review

"This book will help you understand how the GoF book-and, indeed, any collection of design patterns-can be a treasured guide without being a burdensome prescription." -- James O. Coplien, Lucent Technologies, Bell Labs Innovations

Wow! I've never read a technical book written in such an appealing style. John really has surmounted a challenge here: being concrete, correct, and engaging on a technical subject. -- Frank Buschmann, Siemens AG

### From the Back Cover

This succinct, example-driven book empowers software developers who are using design patterns, arguably today's most popular object-oriented programming concept. **Design Patterns'** co-author John Vlissides blends his intimate knowledge of the pattern development process with practical techniques for better pattern application. The result is a thought-provoking guide that will help you improve your next software design by putting patterns to work successfully.

**Pattern Hatching** demystifies the fine points of patterns, placing them in the broader context of basic object-oriented design principles. It dispels many of the misconceptions about patterns that have spread in the software development community--clearly articulating what patterns are and how they ease the development process. The book also presents themes and variations on several established patterns, yielding many new insights. With the instruction in this book, you will become better able to tailor patterns to the design problem at hand.

## **Users Review**

### **From reader reviews:**

#### **Tracie Wright:**

In this 21st millennium, people become competitive in each and every way. By being competitive today, people have to do something to make all of them survive, being in the middle of the particular crowded place and notice through surrounding. One thing that at times many people have underestimated it for a while is reading. Yep, by reading a e-book your ability to survive enhance then having chance to stand than other is high. For you who want to start reading any book, we give you this kind of Pattern Hatching: Design Patterns Applied book as beginner and daily reading reserve. Why, because this book is usually more than just a book.

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