Object-Oriented Design and Patterns. 2nd Edition

Description: An object-oriented design text that’s student oriented too!

Now updated to reflect the innovations of Java 5.0, Cay Horstmann’s Object-Oriented Design & Patterns, 2nd Edition continues to offer a student-oriented guide to object-oriented design.

Drawing from his extensive experience as a programmer and teacher, Horstmann helps you appreciate the value of object-oriented design principles, and gives you a context for applying these principles and techniques in your own designs. Throughout the text, outstanding pedagogy, carefully developed exercises and examples, and a strong emphasis on problem solving make object-oriented design principles accessible to readers with limited programming experience.

Cay Horstmann’s Object-Oriented Design & Patterns, 2nd Edition:
- Integrates the use of Java 5.0 constructs throughout, including generics and the java.util.concurrent library.
- Presents high-interest examples, including ones from the Java 5.0 library and user-interface programming.
- Uses concepts such as interfaces, inner classes, reflection, and multithreading to introduce advanced Java language concepts.
- Encourages you to master topics in object-oriented design, user-interface programming, and practical software development techniques.
- Illustrates design patterns and their application using the Swing user interface toolkit and the Java collections library.
- Introduces programming tools such as Bluej, javadoc, and JUnit.
- Provides a crash course in Java for readers who know C++.

Other Wiley books by Cay Horstmann

Big Java, Second Edition, 0-471-70615-9


Big C++ (with Timothy Budd), 0-471-47063-5


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Chapter 6. Inheritance and Abstract Classes.

Chapter 7. The Java Object Model.

Chapter 8. Frameworks.

Chapter 9. Multithreading.

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