

<<Java 软件开发 Develop>>

图书基本信息

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## 内容概要

This significantly updated new edition of *Developing Java Software* is a thorough presentation of object-oriented design and programming concepts using the Java 5 programming language. The book takes the reader from the basics of using Java 5 to the creation of complete, object-oriented programs. Following an ‘objects early’ approach, the core elements of the Java language are covered, including the use of recently added features such as generics. The encouragement of the proper creation and use of classes, and the demonstration of the strategies used to create good quality code are at the core of this book. You will learn how Java programs work and how they can be designed and implemented in an organized and systematic way. In addition, the book addresses how a Java programming project should be managed and introduces the Ant build tool and the Subversion version control system. Testing has always been an important part of *Developing Java Software*. This edition provides new chapters which give a detailed introduction to Test-driven Development (TDD). This approach to programming introduces more rigor to writing programs by placing emphasis on writing high quality testable and tested code from the outset. A series of examples and case studies shows how TDD works and highlights the strategies for testing code. Reflecting recent changes to the Java programming language and newly focused on first courses in programming, this excellent primer is ideal for classroom use or self-study. The many motivating examples and larger case studies show how core ideas can be applied when creating real applications, and show how to use object-oriented methods effectively to create robust, reliable, and fully-tested Java applications.

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