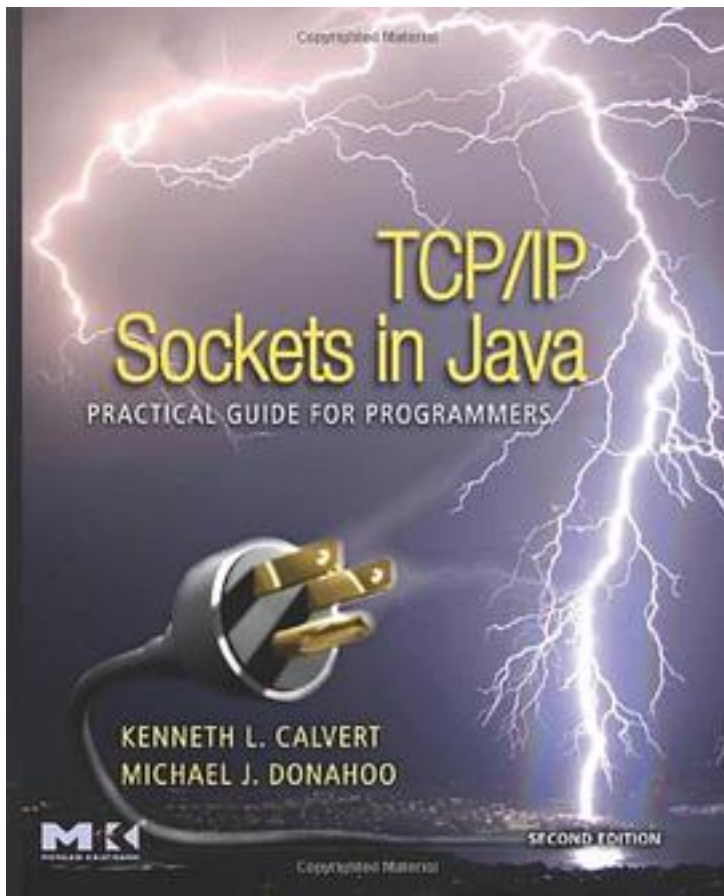# TCP/IP Sockets in Java, Second Edition

[TCP/IP Sockets in Java, Second Edition_下载链接1_](#)

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The networking capabilities of the Java platform have been extended considerably since the first edition of the book. This new edition covers version 1.5-1.7, the most current iterations, as well as making the following improvements:

The API (application programming interface) reference sections in each chapter, which describe the relevant parts of each class, have been replaced with (i) a summary section that lists the classes and methods used in the code, and (ii) a ?gotchas? section that mentions nonobvious or poorly-documented aspects of the objects.

In addition, the book covers several new classes and capabilities introduced in the last few revisions of the Java platform. New abstractions to be covered include NetworkInterface, InterfaceAddress, Inet4/6Address, SocketAddress/InetSocketAddress, Executor, and others; extended access to low-level network information; support for IPv6; more complete access to socket options; and scalable I/O. The example code is also modified to take advantage of new language features such as annotations, enumerations, as well as generics and implicit iterators where appropriate.

Most Internet applications use sockets to implement network communication protocols. This book's focused, tutorial-based approach helps the reader master the tasks and techniques essential to virtually all client-server projects using sockets in Java. Chapter 1 provides a genral overview of networking concepts to allow readers to synchronize the concepts with terminology. Chapter 2 introduces the mechanics of simple clients and servers. Chapter 3 covers basic message construction and parsing. Chapter 4 then deals with techniques used to build more robust clients and servers. Chapter 5 (NEW) introduces the scalable interface facilities which were introduced in Java 1.5, including the buffer and channel abstractions. Chapter 6 discusses the relationship between the programming constructs and the underlying protocol implementations in more detail. Programming concepts are introduced through simple program examples accompanied by line-by-line code commentary that describes the purpose of every part of the program. The book's Web site contains many examples of command-based sockets-related code discussed throughout the book. No other resource presents so concisely or so effectively the material necessary to get up and running with Java sockets programming.

KEY FEATURES

* Focused, tutorial-based instruction in key sockets programming techniques allows reader to quickly come up to speed on Java applications.

* Concise and up-to-date coverage of the most recent platform (1.7) for Java

applications in networking technology

* Provides code for all example programs via a companion Web site to let the reader see the important objects and methods in context and to understand the purpose of each line of code.

作者介绍:

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标签

Java

TCP/IP

socket

网络

Sockets

Programming

Network

计算机

评论

还行，凑合看吧

虽然作者说是入门书，但是看完后把练习全做完还是可以学到很多的，唯一的不足是对许多概念的阐述没有到位，需要配合《TCP/IP详解》一起看

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书评

前几章看完了，由于对java的socket比较熟悉，看着基本没啥问题，就是第三章看的比较费劲，涉及发送和接收到编码，这一块能看懂50%，参考代码看是看的比较懂得，但是需要自己在开发中应用，才能真正掌握其内涵。内容比较偏向底层，底层的东西就是难理解，看不懂，不理解也是应该...

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2010年4月4日19:11:41 P92
看到P120多时，感觉很烦躁，这么薄薄的一本书，为什么有那么多我不懂得呢？世界上的东西不是应该都是很简单的吗？什么是复杂呢？复杂只是把简单想的不够...

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