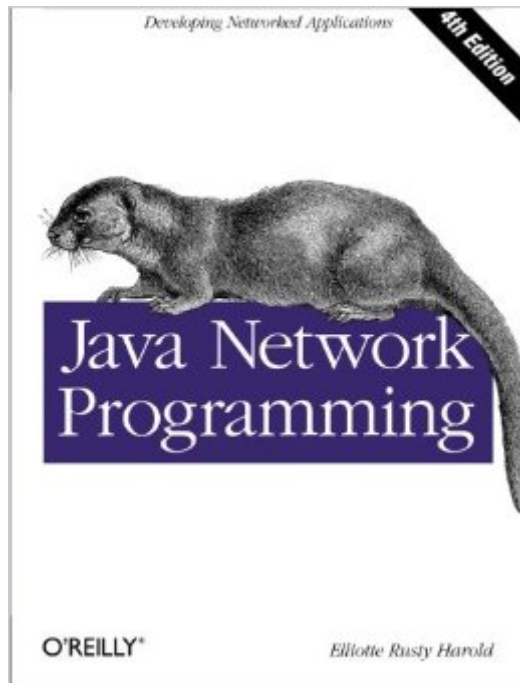


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# Java Network Programming



## Synopsis

This practical guide provides a complete introduction to developing network programs with Java. You'll learn how to use Java's network class library to quickly and easily accomplish common networking tasks such as writing multithreaded servers, encrypting communications, broadcasting to the local network, and posting data to server-side programs. Author Elliotte Rusty Harold provides complete working programs to illustrate the methods and classes he describes. This thoroughly revised fourth edition covers REST, SPDY, asynchronous I/O, and many other recent technologies. Explore protocols that underlie the Internet, such as TCP/IP and UDP/IP. Learn how Java's core I/O API handles network input and output. Discover how the `InetAddress` class helps Java programs interact with DNS. Locate, identify, and download network resources with Java's `URI` and `URL` classes. Dive deep into the HTTP protocol, including REST, HTTP headers, and cookies. Write servers and network clients, using Java's low-level socket classes. Manage many connections at the same time with the nonblocking I/O.

## Book Information

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## Customer Reviews

Wisely divided in 13 main parts, reviewing transversely all the network API (and more). Starting from basic network concepts, including information about NIO, Asynchronous Channels, Socket Options (Java 7), until IP Multicasting. Author mentions that Java Network API is stable since version 1.0 and we shouldn't have any issue after Java 8 is released, anyway as we know, always these future assumptions must be taken carefully about any migration. Being the 4th edition, it is certainly a

proved book, with mature information about the network scope. Very detailed information on its coding examples, regarding the interfaces, constructors, direct/undirected classes, event handlers, exception handling, and their respective methods. At the end, explain how this complex API can be used in the expected/correct fashion. Similar to the new (2nd) edition of Java Web Services book, there is an emphasis on the current de-facto REST standard. Kind of bible, reference and cookbook of network Java, responding all the most common doubts (and some very peculiar). for the beginner and advanced developer, well redacted. Although there are a lot of snippet code in the book, the complete examples can be downloaded from author's website.

The book contains details of network programming in Java. I found it useful as I want to find a book about network programming. The sample code in this book saved me a lot of time. I can pick up some sample code from this book and then modify it to suit my needs.

It's a great book with great ideas.

GREAT

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