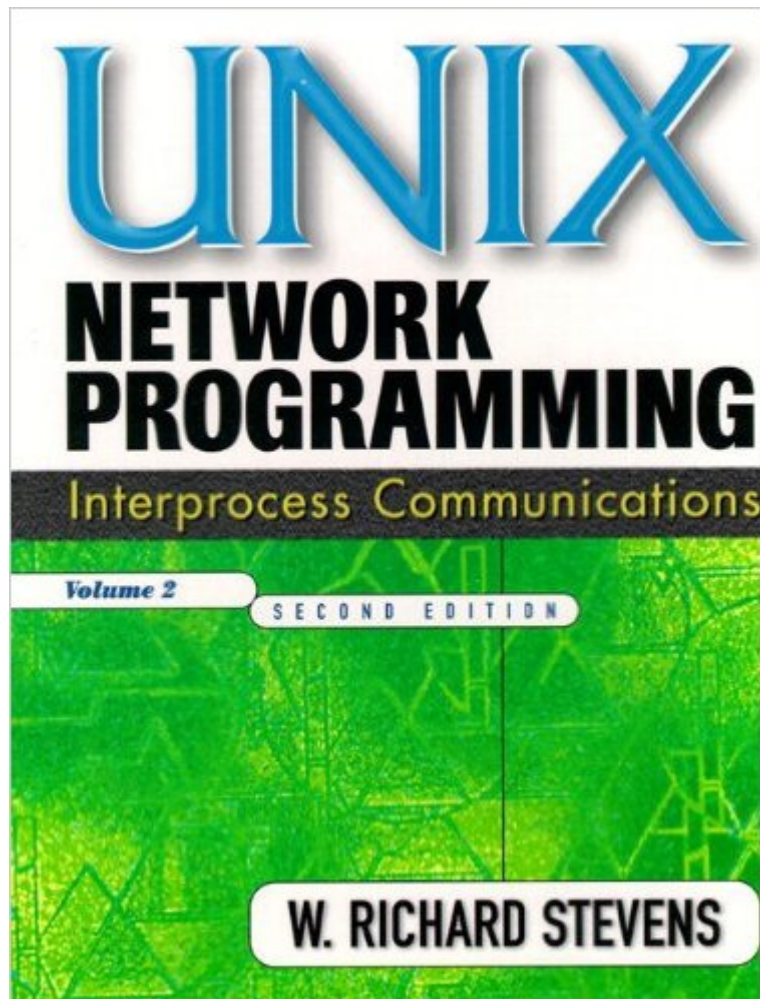


The book was found

# UNIX Network Programming, Volume 2: Interprocess Communications (Paperback) (2nd Edition)



## Synopsis

Well-implemented interprocess communications (IPC) are key to the performance of virtually every non-trivial UNIX program. In UNIX Network Programming, Volume 2, Second Edition, legendary UNIX expert W. Richard Stevens presents a comprehensive guide to every form of IPC, including message passing, synchronization, shared memory, and Remote Procedure Calls (RPC). Stevens begins with a basic introduction to IPC and the problems it is intended to solve. Step-by-step you'll learn how to maximize both System V IPC and the new Posix standards, which offer dramatic improvements in convenience and performance.

## Book Information

Series: Unix Network Programming (Book 2)

Paperback: 592 pages

Publisher: Prentice Hall; 2 edition (September 4, 1998)

Language: English

ISBN-10: 0132974290

ISBN-13: 978-0132974295

Product Dimensions: 7.3 x 1.3 x 9.1 inches

Shipping Weight: 2.1 pounds (View shipping rates and policies)

Average Customer Review: 4.8 out of 5 stars [See all reviews](#) (32 customer reviews)

Best Sellers Rank: #1,417,985 in Books (See Top 100 in Books) #50 in [Books > Computers &](#)

[Technology > Programming > APIs & Operating Environments > Unix](#) #470 in [Books >](#)

[Computers & Technology > Operating Systems > Unix](#) #1470 in [Books > Textbooks > Computer](#)

[Science > Operating Systems](#)

## Customer Reviews

Since anyone considering buying a technical book always needs to know what it covers, here's the table of contents:

Part 1. Introduction  
1. Introduction  
2. Posix IPC  
3. System V IPC  
Part 2. Message Passing  
4. Pipes and FIFOs  
5. Posix Message Queues  
6. System V Message Queues  
Part 3. Synchronization  
7. Mutexes and Condition Variables  
8. Read-Write Locks  
9. Record Locking  
10. Posix Semaphores  
11. System V Semaphores  
Part 4. Shared Memory  
12. Shared Memory Introduction  
13. Posix Shared Memory  
14. System V Shared Memory  
Part 5. Remote Procedure Calls  
15. Doors  
16. Sun RPC  
Epilogue  
Appendix A. Performance Measurements  
Appendix B. Threads Primer  
Appendix C. Miscellaneous Source Code  
Appendix D. Solutions to Selected Exercises  
Bibliography  
Index  
This is the third and least of Stevens' three books on UNIX programming (he also coauthored a

multi-volume work on TCP). It is not the least because it is necessarily the worst, but because it has the shortest and has the narrowest application domain. Having said it is the least, it remains a work of the highest quality in an industry that is notable for the huge quantity of bad books that it produces. The structure of this book will be familiar to readers of his prior two books: the lowest-level building block around which Stevens structures the book is the individual function call. For each call (or minor variations on a single call), he provides the C prototype, and then, in text, explains what the function does, what its arguments are for, and then provides a small C program that demonstrates it in action (all of the sample programs can also be downloaded from the web).

[Download to continue reading...](#)

UNIX Network Programming, Volume 2: Interprocess Communications (Paperback) (2nd Edition)  
UNIX Network Programming, Volume 2: Interprocess Communications, Second Edition Raspberry  
Pi 2: Raspberry Pi 2 Programming Made Easy (Raspberry Pi, Android Programming, Programming,  
Linux, Unix, C Programming, C++ Programming) Programming #8: C Programming Success in a Day  
& Android Programming In a Day! (C Programming, C++ programming, C++ programming language,  
Android, Android Programming, Android Games) Programming #57: C++ Programming  
Professional Made Easy & Android Programming in a Day (C++ Programming, C++ Language,  
C++ for beginners, C++, Programming ... Programming, Android, C, C Programming) Shell  
Programming in Unix, Linux and OS X: The Fourth Edition of Unix Shell Programming (4th Edition)  
(Developer's Library) Programming #45: Python Programming Professional Made Easy & Android  
Programming In a Day! (Python Programming, Python Language, Python for beginners, ...  
Programming Languages, Android Programming) Extending Simple Network Management Protocol  
(SNMP) Beyond Network Management: A MIB Architecture for Network-Centric Services  
Programming: Computer Programming for Beginners: Learn the Basics of Java, SQL & C++ - 3.  
Edition (Coding, C Programming, Java Programming, SQL Programming, JavaScript, Python, PHP)  
Android: Programming in a Day! The Power Guide for Beginners In Android App Programming  
(Android, Android Programming, App Development, Android App Development, ... App  
Programming, Rails, Ruby Programming) DOS: Programming Success in a Day: Beginners guide to  
fast, easy and efficient learning of DOS programming (DOS, ADA, Programming, DOS  
Programming, ADA ... LINUX, RPG, ADA Programming, Android, JAVA) ASP.NET: Programming  
success in a day: Beginners guide to fast, easy and efficient learning of ASP.NET programming  
(ASP.NET, ASP.NET Programming, ASP.NET ... ADA, Web Programming, Programming) C#:  
Programming Success in a Day: Beginners guide to fast, easy and efficient learning of C#  
programming (C#, C# Programming, C++ Programming, C++, C, C Programming, C# Language, C#

Guide, C# Coding) FORTRAN Programming success in a day:Beginners guide to fast, easy and efficient learning of FORTRAN programming (Fortran, Css, C++, C, C programming, ... Programming, MYSQL, SQL Programming) Prolog Programming; Success in a Day: Beginners Guide to Fast, Easy and Efficient Learning of Prolog Programming (Prolog, Prolog Programming, Prolog Logic, ... Programming, Programming Code, Java) R Programming: Learn R Programming In A DAY! - The Ultimate Crash Course to Learning the Basics of R Programming Language In No Time (R, R Programming, ... Course, R Programming Development Book 1) Parallel Programming: Success in a Day: Beginners' Guide to Fast, Easy, and Efficient Learning of Parallel Programming (Parallel Programming, Programming, ... C++ Programming, Multiprocessor, MPI) MYSQL Programming Professional Made Easy 2nd Edition: Expert MYSQL Programming Language Success in a Day for any Computer User! (MYSQL, Android programming, ... JavaScript, Programming, Computer Software) Effective TCP/IP Programming: 44 Tips to Improve Your Network Programs: 44 Tips to Improve Your Network Programs First Unix: A freshman's guide to Unix/Linux system administration

[Dmca](#)