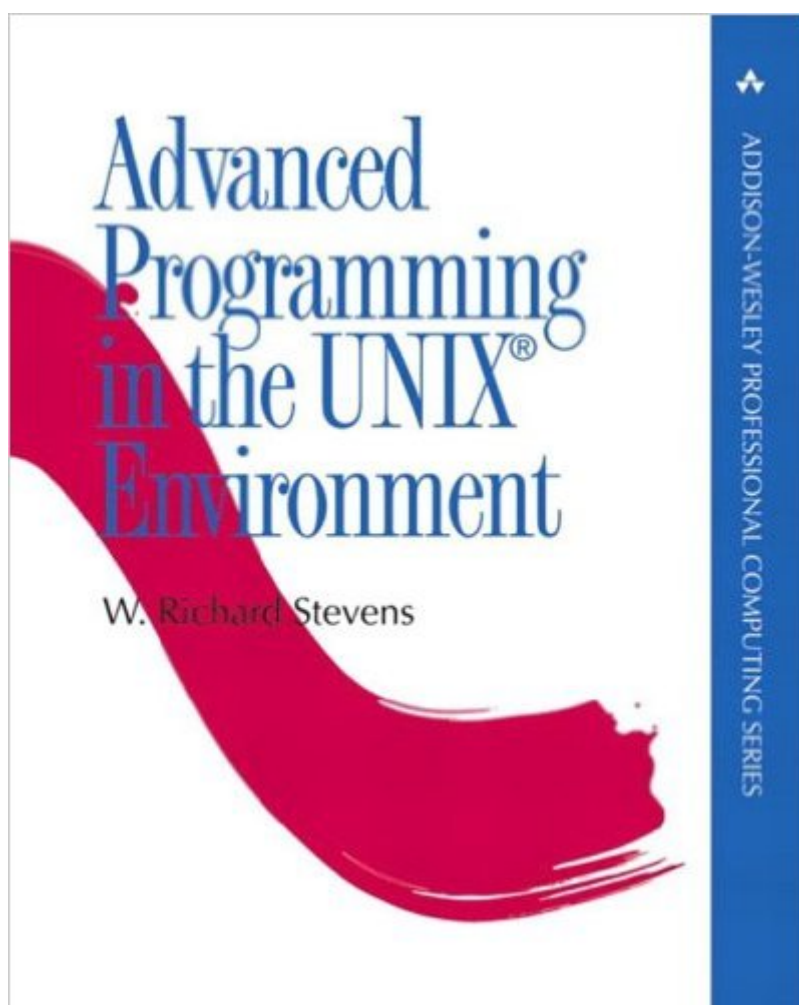


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# Advanced Programming In The UNIX(R) Environment (Addison-Wesley Professional Computing Series)



## Synopsis

Bestselling UNIX author W. Richard Stevens offers application developers and system programmers his professional, experience-based guidance on using the system call interface with C. In the first half of the book, Stevens describes more than 200 system calls and functions with a brief example program following each description. Having provided the basics, Stevens moves on to chapter-long examples. The book is applicable to all major UNIX releases, especially System V Release 4-including Solaris 2-and 4.4 BSD, including 386 BSD.

## Book Information

Series: Addison-Wesley Professional Computing Series

Hardcover: 768 pages

Publisher: Addison-Wesley Professional; First Edition edition (June 30, 1992)

Language: English

ISBN-10: 0201563177

ISBN-13: 978-0201563177

Product Dimensions: 7.7 x 2 x 9.6 inches

Shipping Weight: 3.2 pounds

Average Customer Review: 4.8 out of 5 stars [See all reviews](#) (63 customer reviews)

Best Sellers Rank: #373,347 in Books (See Top 100 in Books) #20 in [Books > Computers & Technology > Programming > APIs & Operating Environments > Unix](#) #145 in [Books > Computers & Technology > Operating Systems > Unix](#) #155 in [Books > Computers & Technology > Programming > Languages & Tools > C & C++ > C](#)

## Customer Reviews

The computer industry is notable for the huge quantity of really bad books it engenders. This, however, is not one of those books - this is a great book. Before explaining why it is great, I'd like to get the table of contents out of the way, so that you will know what it covers: Preface 1. Introduction (a "whirlwind tour of Unix") 2. Unix Standardization and Implementations 3. File I/O 4. Files and Directories 5. Standard I/O Library 6. System Data Files and Information 7. The Environment of a Unix Process 8. Process Control 9. Process Relationships 10. Signals 11. Terminal I/O 12. Advanced I/O 13. Daemon Processes 14. Interprocess Communication 15. Advanced Interprocess Communication 16. A Database Library 17. Communicating with a PostScript Printer 18. A Modem Dialer 19. Pseudo Terminals Appendices A. Function Prototypes B. Miscellaneous Source Code (all source code is available for download) C. Solutions to Selected Exercises Bibliography Index The first thing to

understand about the book is that while it can be used as just a reference work (the index is wonderful), it really is a book you can and should read. Even if you think you know a lot of this stuff, you can be surprised at what you can still learn. What makes the book so much more useful than just a collection of man-page print-outs (that dreary and painfully common form of UNIX "book") is the method of presentation. Stevens' basic atom of organization is the function call.

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