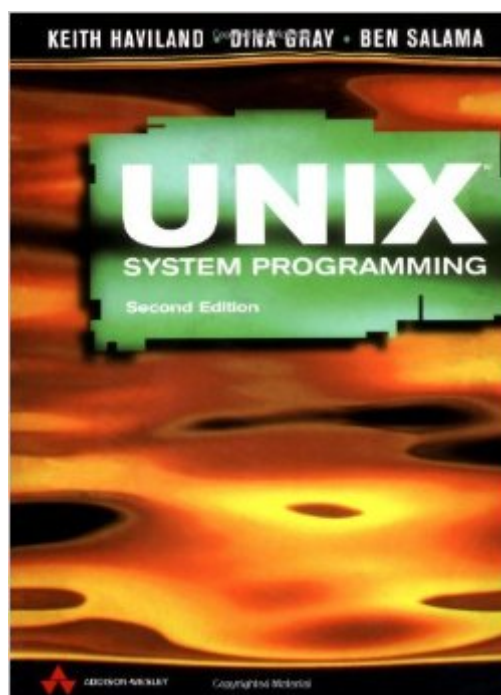# Unix System Programming (2nd Edition)

Synopsis

This is a thoroughly revised edition of the best-selling guide to UNIX software development in C for professional programmers and students. The book focuses on the UNIX system call interface, the programming interface between the UNIX Kernel and applications software running in the UNIX environment. The techniques required by systems programmers are developed in depth, illustrated by a wealth of examples.

Book Information

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Average Customer Review: 4.2 out of 5 stars Â See all reviews (8 customer reviews)

Best Sellers Rank: #991,178 in Books (See Top 100 in Books)   #39 in Books > Computers & Technology > Programming > APIs & Operating Environments > Unix   #337 in Books > Computers & Technology > Operating Systems > Unix   #1002 in Books > Textbooks > Computer Science > Operating Systems

Customer Reviews

If you're looking for a comprehensive (but not exhaustive) and pedagogical introductory text on system programming, and find yourself intimidated by other books, such as Stevens' Advanced Programming in the UNIX Environment, then this would be a wise choice. The explanations are clear and it has lots of simple examples to illustrate the concepts. After you work through this book, you'll be ready for the more serious and exhaustive texts (like Stevens).

a college professor in college made us buy this book for his class, and i'd give him a big kiss on the lips if i saw him today, because this book has helped me a lot. that statement says a lot, because i am a dude, and i'm not a fan of kissing other dudes.you will not find huge examples of code in this book. there are no big projects in it. what you will find is a great breakdown of a lot of UNIX functions for C, and small, detailed examples of how to use them. it has everything from how to handle time, how to use sockets, how to read/write data to files, and a lot of other things.sometimes

when you're working on a project, you forget the little things, and you will ask yourself something like "how do i make sure a file exists before i try to read it in?", or "how do i use a semaphore again?". this is the book that answers all of those little questions that you will have over the course of a project.

After reading more I decided to keep the book. I changed my rating from two to four stars. I want to be fair to the book; It is much better than initially stated. In terms of the source code... it is not too much of an issue; the code is compact and to the point (still better if they provided the code).I did buy Practical UNIX Programming and are using both books. Along with UNIX System V Network Programming by Rago, I have the necessary stepping-stones into the Steven's Books (TCP 1-3, Advanced UNIX, UNIX Network Programming Vol1-2, etc).

What can I say? If someone would even consider returning a book (and jumping to a two-star review) because the authors didn't make the source code available and feels it a waste of time to type and debug the code then perhaps this individual should consider a different career than programming -- one that requires less typing.

A good technical book; A stepping-stone into Advanced UNIX Programming by Steven's.As an alternative... I purchased Practical UNIX Programming by Kay A. Robbins, Steven Robbins, Kay, Ret Robbins. It is better priced and hardcover. The Contents are compatible to the above book and full source-code is on the Web.

This is the book I once read in a NYC bookstore in 1996, but I can't offord it at that time. And I have been looking for it for almost 15 years. Finally, I find you again.

it's a good book,clearly explained. if you are new to unix system programming, this is a book for you. but it's might be better if source code is included.

Thanks for the book its helping alot in my class, great condition and i got it fast

Unix System V/386 Release 3.2: System Administrator's Guide (AT&T UNIX system V/386 library) UNIX System Programming for System VR4 (Nutshell Handbooks) Unix System Programming (2nd Edition) Unix, Solaris and Linux: A Practical Security Cookbook: Securing Unix Operating System

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