

The C/Unix Programmer's Guide

Jason W. Bacon

Fundamentals of Unix
Unix Programming Tools
The C Programming Language
Unix Libraries and System Calls
Object-Oriented Programming
Introduction to C++

The comprehensive guide to C/C++ programming under Unix

C And Unix Programming A Comprehensive Guide

Carl Townsend



C And Unix Programming A Comprehensive Guide:

C and Unix Programming N. S. Kutti,2002 Windows System Programming Johnson M. Hart,2010-02-16 The Definitive Guide to Windows API Programming Fully Updated for Windows 7 Windows Server 2008 and Windows Vista Windows System Programming Fourth Edition now contains extensive new coverage of 64 bit programming parallelism multicore systems and many other crucial topics Johnson Hart s robust code examples have been updated and streamlined throughout They have been debugged and tested in both 32 bit and 64 bit versions on single and multiprocessor systems and under Windows 7 Vista Server 2008 and Windows XP To clarify program operation sample programs are now illustrated with dozens of screenshots Hart systematically covers Windows externals at the API level presenting practical coverage of all the services Windows programmers need and emphasizing how Windows functions actually behave and interact in real world applications Hart begins with features used in single process applications and gradually progresses to more sophisticated functions and multithreaded environments Topics covered include file systems memory management exceptions processes threads synchronization interprocess communication Windows services and security New coverage in this edition includes Leveraging parallelism and maximizing performance in multicore systems Promoting source code portability and application interoperability across Windows Linux and UNIX Using 64 bit address spaces and ensuring 64 bit 32 bit portability Improving performance and scalability using threads thread pools and completion ports Techniques to improve program reliability and performance in all systems Windows performance enhancing API features available starting with Windows Vista such as slim reader writer locks and condition variables A companion Web site jmhartsoftware.com contains all sample code Visual Studio projects additional examples errata reader comments and Windows commentary and discussion *Software Engineer's Reference Book* John A McDermid,2013-10-22 Software Engineer s Reference Book provides the fundamental principles and general approaches contemporary information and applications for developing the software of computer systems The book is comprised of three main parts an epilogue and a comprehensive index The first part covers the theory of computer science and relevant mathematics Topics under this section include logic set theory Turing machines theory of computation and computational complexity Part II is a discussion of software development methods techniques and technology primarily based around a conventional view of the software life cycle Topics discussed include methods such as CORE SSADM and SREM and formal methods including VDM and Z Attention is also given to other technical activities in the life cycle including testing and prototyping The final part describes the techniques and standards which are relevant in producing particular classes of application The text will be of great use to software engineers software project managers and students of computer science

Learn C Programming Language MARK JOHN LADO,2025-03-12 Unlock the Power of C Programming From Novice to Expert Are you ready to master one of the most powerful and influential programming languages ever created Learn C Programming Language Covering Fundamentals to Expert Level Concepts is your ultimate guide to understanding and

mastering C programming whether you're a beginner or an experienced coder seeking to deepen your knowledge Why This Book C programming is the foundation of modern computing powering operating systems embedded systems and high performance applications Mastering C not only sharpens your programming skills but also strengthens your understanding of how computers operate at a fundamental level What You'll Learn Inside 1 Solid Foundations Start with the basics including C language syntax variables data types and operators 2 Hands On Learning Write your first C program and build confidence as you explore essential concepts like control flow statements loops and functions 3 Advanced Techniques Dive into complex topics such as dynamic memory allocation pointers file handling and advanced data structures like linked lists 4 Object Oriented Programming in C Learn to implement OOP concepts such as inheritance and polymorphism using function pointers and structs 5 GUI Development Optional Discover how to build Windows Form based applications using WinAPI or GTK for an interactive user experience 6 Best Practices for Professional Code Develop efficient secure and maintainable C programs with expert insights on debugging optimization and security techniques Who Is This Book For Aspiring Programmers seeking to learn C from the ground up Computer Science Students aiming to excel in coursework and coding assignments Experienced Developers looking to refine their skills and adopt professional coding techniques Educators and Mentors who want to guide students through comprehensive and practical C programming concepts Why Learn C Programming C is the language that empowers developers to write powerful efficient code while gaining deep insights into memory management hardware interactions and algorithm development Whether you're building system level software optimizing performance critical applications or exploring embedded programming mastering C unlocks endless possibilities This book takes you step by step from fundamental concepts to advanced programming techniques ensuring you gain practical knowledge to solve real world problems with confidence Packed with clear explanations practical examples and best practices it's designed to turn beginners into skilled C programmers Start your C programming journey today and unlock the potential to build powerful efficient and scalable applications

Mastering C Programming MARK JOHN LADO, 2025-02-17 Unlock the power of C programming and take your coding skills to the next level with this comprehensive step by step guide Whether you're a beginner starting from scratch or an experienced programmer looking to refine your knowledge this book provides the essential foundation and advanced techniques needed to write efficient high performance C code What You'll Learn The fundamentals of C syntax variables and data types Mastering pointers and dynamic memory allocation Writing modular and reusable code with functions and structures Implementing file handling and advanced data structures Understanding object oriented concepts in C using structs and function pointers Exploring Windows GUI programming optional and advanced system level operations With real world examples hands on exercises and practical applications this book bridges the gap between theory and practice helping you develop the confidence to build robust software optimize performance and even work on low level system programming Perfect for students self learners software engineers and anyone looking to master C

programming Start your journey today and become an expert in one of the most powerful programming languages in the world [PC/Computing](#) ,1991-04 *Using C on the UNIX System* ,1985 [Subject Guide to Books in Print](#) ,1997

Using C on the UNIX System David Allen Curry,1988 [C++](#) Gregory Satir,Doug Brown,1995 A primer for C programmers transitioning to C and designed to get users up to speed quickly this book tells users just what they need to learn first Covering a subset of the features of C the user can actually use this subset to get familiar with the basics of the language The book includes sidebars that give overviews of advanced features not covered **Computer Book Review** ,1990 **C Programmer's Guide to NetBIOS** W. David Schwaderer,1988 [Programming in C](#) Stephen G. Kochan,1988 A complete introduction to the C programming language This bestseller provides comprehensive coverage of the C language Includes language features and over 90 program examples Gives step by step explanations for all functions Explains program looping decision making arrays functions and structures Clarifies bit operations enumerated data types and ANSI C

Scientific and Technical Aerospace Reports ,1995 **Using C on the UNIX System** David A. Curry,1991

[Access 97 - No Experience Required](#) Robinson,1998 *The Waite Group's Microsoft C Bible* Nabajyoti Barkakati,1988

Understanding C Carl Townsend,1988 [Programmer's Guide - Streams](#) ,1992 A full explanation of the STREAMS I O facilities this guide details how to use those facilities for writing UNIX System V kernel modules and device drivers STREAMS is a general flexible facility for the development of input output services in UNIX System V This book is a comprehensive guide to STREAMS for network and system programmers including the latest information on STREAMS programming interfaces STREAMS in a multiprocessing environment STREAMS drivers and multiplexors STREAMS debugging and utilities [Chilton's I & C S.](#) ,1984

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