

The Unix C Shell Field Guide

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Bibliographic Guide to Computer Science

An in-depth reference which shows how to take advantage of the practicality of C Shell features and use them effectively. Covers the C Shell as it runs under UNIX 4.2BSD, 4.3BSD, System V, System III, XENIX and Version 7.

Shell Scripting

Advanced Bash Scripting Guide

Unix Shell Programming is a tutorial aimed at helping Unix and Linux users get optimal performance out of their operating out of their operating system. It shows them how to take control of their systems and work efficiently by harnessing the power of the shell to solve common problems. The reader learns everything he or she needs to know to customize the way a Unix system responds. The vast majority of Unix users utilize the Korn shell or some variant of the Bourne shell, such as bash. Three are covered in the third edition of Unix Shell Programming. It begins with a generalized tutorial of Unix and tools and then moves into detailed coverage of shell programming. Topics covered include: regular expressions, the kernel and the utilities, command files, parameters, manipulating text filters, understanding and debugging shell scripts, creating and utilizing variables, tools, processes, and customizing the shell.

AUUGN

Mastering Tools, Taming Daemons

Distributed Application Programming in C++

Describes the most useful UNIX commands and covers the System V UNIX system and the Berkeley UNIX system. In addition to listing the commands and definitions, the book includes examples that illustrate the use of the commands. Covers core commands, making it easier for the novice to distinguish between the essential and the extraneous. Summaries of several key subsystems -- vi, awk, sed, shells, text processing -- will make it easier for intermediate and advanced users to find important information. Includes synopses and examples as well as Editor Command charts for vi and ed texts, Command Syntax charts, and MS DOS to UNIX cross references.

The UNIX Industry

This volume is designed to help MS-DOS programmers become rapidly proficient in the UNIX environment. It focuses on the similarities and differences between the two operating systems, enabling programmers to perform all the operations they did in MS-DOS plus those available only on UNIX systems. First considers the operations that most MS-DOS users perform and the user interface to the operating system (the Shell); then explains the features unique to UNIX--multi-user, multi-tasking; and examines in detail the UNIX shell script files (Bourne shell, Korn shell, C shell)--which are comparable to MS-DOS batch files--showing how they produce the same result, but whose constructs are different. Concludes with an examination of the administration features of UNIX, and its text processing utilities. For MS-DOS users who want to become rapidly proficient in UNIX systems.

Linux Etudes

Numerical Computation Using C is a four-chapter text guide for learning C language from the numerical analysis viewpoint. C is a general-purpose language that has been used in systems programming. The first chapter discusses the basic principles, logic, operators, functions, arrays, and structures of C language. The next two chapters deal with the uses of the so-called pointers in the C language, which is a variable that contains the address of some object in memory. These chapters also elaborate on several constructs to show how the use of C language can be fine-tuned. The last chapter highlights the practical aspects of C language. This book will be of value to computer scientists and mathematicians.

Cyber Crime Investigator's Field Guide, Second Edition

Explains the workings of the latest version of UNIX, System V Release 4, and offers advice on programming a computer using UNIX

Microtimes

For beginning, intermediate, and advanced users, this book offers complete coverage of UNIX. Offering information on basic UNIX, programming UNIX, communications and networking, the book also discusses new, more advanced tools such as Perl and presents in-depth discussions of the Internet, Windows,

Linux, the bestselling UNIX systems, and more.

Learning the Korn Shell

Software -- Operating Systems.

UNIX Administration Guide for System V

Beginning Shell Scripting

Shell scripting skills never go out of style. It's the shell that unlocks the real potential of Unix. Shell scripting is essential for Unix users and system administrators—a way to quickly harness and customize the full power of any Unix system. With shell scripts, you can combine the fundamental Unix text and file processing commands to crunch data and automate repetitive tasks. But beneath this simple promise lies a treacherous ocean of variations in Unix commands and standards. Classic Shell Scripting is written to help you reliably navigate these tricky waters. Writing shell scripts requires more than just a knowledge of the shell language, it also requires familiarity with the individual Unix programs: why each one is there, how to use them by themselves, and in combination with the other programs. The authors are intimately familiar with the tips and tricks that can be used to create excellent scripts, as well as the traps that can make your best effort a bad shell script. With Classic Shell Scripting you'll avoid hours of wasted effort. You'll learn not only write useful shell scripts, but how to do it properly and portably. The ability to program and customize the shell quickly, reliably, and portably to get the best out of any individual system is an important skill for anyone operating and maintaining Unix or Linux systems. Classic Shell Scripting gives you everything you need to master these essential skills.

HP-UX 10.x System Administration

This tutorial shows users how to exploit the C shell to maximize their efforts, save time, optimize their system, increase productivity and work more efficiently.

Basics Of Os Unix And Shell Programming

Shell Programming in Unix, Linux and OS X is a thoroughly updated revision of Kochan and Wood's classic Unix Shell Programming tutorial. Following the methodology of the original text, the book focuses on the POSIX standard shell, and teaches you how to develop programs in this useful programming environment, taking full advantage of the underlying power of Unix and Unix-like operating systems. After a quick review of Unix utilities, the book's authors take you step-by-step through the process of building shell scripts, debugging them, and understanding how they work within the shell's environment. All major features of the shell are covered, and the large number of practical examples make it easy for you to build shell scripts for your particular applications. The book also describes the major features of the Korn and Bash shells. Learn how to... Take advantage of the many utilities provided in the Unix system Write powerful shell

scripts Use the shell's built-in decision-making and looping constructs Use the shell's powerful quoting mechanisms Make the most of the shell's built-in history and command editing capabilities Use regular expressions with Unix commands Take advantage of the special features of the Korn and Bash shells Identify the major differences between versions of the shell language Customize the way your Unix system responds to you Set up your shell environment Make use of functions Debug scripts Contents at a Glance 1 A Quick Review of the Basics 2 What Is the Shell? 3 Tools of the Trade 4 And Away We Go 5 Can I Quote You on That? 6 Passing Arguments 7 Decisions, Decisions 8 'Round and 'Round She Goes 9 Reading and Printing Data 10 Your Environment 11 More on Parameters 12 Loose Ends 13 Rolo Revisited 14 Interactive and Nonstandard Shell Features A Shell Summary B For More Information

UNIX System V Commands

O'Reilly's bestselling book on Linux's bash shell is at it again. Now that Linux is an established player both as a server and on the desktop Learning the bash Shell has been updated and refreshed to account for all the latest changes. Indeed, this third edition serves as the most valuable guide yet to the bash shell. As any good programmer knows, the first thing users of the Linux operating system come face to face with is the shell the UNIX term for a user interface to the system. In other words, it's what lets you communicate with the computer via the keyboard and display. Mastering the bash shell might sound fairly simple but it isn't. In truth, there are many complexities that need careful explanation, which is just what Learning the bash Shell provides. If you are new to shell programming, the book provides an excellent introduction, covering everything from the most basic to the most advanced features. And if you've been writing shell scripts for years, it offers a great way to find out what the new shell offers. Learning the bash Shell is also full of practical examples of shell commands and programs that will make everyday use of Linux that much easier. With this book, programmers will learn: How to install bash as your login shell The basics of interactive shell use, including UNIX file and directory structures, standard I/O, and background jobs Command line editing, history substitution, and key bindings How to customize your shell environment without programming The nuts and bolts of basic shell programming, flow control structures, command-line options and typed variables Process handling, from job control to processes, coroutines and subshells Debugging techniques, such as trace and verbose modes Techniques for implementing system-wide shell customization and features related to system security

Numerical Computation Using C

Linux Etudes is written for beginning and intermediate-level computer users. The book presents techniques to enhance the Linux skill set. Chapters cover file management, file operations, floppy disks, sharing files, personal organizers and calendars, time-tracking, note-taking, music, desktop calculators, spreadsheets, and more.

The UNIX Industry and Open Systems in Transition

UNIX Administration

Covering all major platforms-Linux, Unix, Mac OS X, and Windows-this guide shows programmers and power users how to customize an operating system, automate commands, and simplify administration tasks using shell scripts Offers complete shell-scripting instructions, robust code examples, and full scripts for OS customization Covers shells as a user interface, basic scripting techniques, script editing and debugging, graphing data, and simplifying administrative tasks In addition to Unix and Linux scripting, the book covers the latest Windows scripting techniques and offers a complete tutorial on Mac OS X scripting, including detailed coverage of mobile file systems, legacy applications, Mac text editors, video captures, and the Mac OS X Open Scripting Architecture

Teach Yourself the UNIX C Shell in 14 Days

Exploring the UNIX System

This is the only HP-UX 10.x system administration book available--from the author of the highly successful HP-UX System Administrator's How-To Book that covered 9.0. It describes every aspect of HP-UX 10.x system administration starting with system set-up and progressing to more advanced topics such as networking.

Learning the UNIX Operating System

Rightsizing New Enterprise

The history and background of unix; Getting started; Advanced unix concepts; Advanced commands; File management; Editing; Communications and networks; Data management; Uniq solutions.

Learning the bash Shell

Shell Programming in Unix, Linux and OS X

To configure and maintain an operating system is serious business. With UNIX and its wide variety of "flavors," it can be especially difficult and frustrating, and networking with UNIX adds still more challenges. UNIX Administration: A Comprehensive Sourcebook for Effective Systems & Network Management is a one-stop handbook for the administration and maintenance of UNIX systems and networks. With an outstanding balance of concepts and practical matters, it covers the entire range of administrative tasks, from the most basic to the advanced, from system startup and shutdown to network security and kernel reconfiguration. While focusing on the primary UNIX platforms, the author discusses all of the most common UNIX "flavors," including Solaris, Linux, HP-UX, AIX and SGI IRIX. Three chapters of case studies offer a practical look at UNIX implementation issues: UNIX installation, disk space upgrade, and several emergency situations that every

administrator must expect to face at some point. Diverse yet detailed, filled with examples and specific procedures, this is the one book that both the novice and the seasoned professional need to learn UNIX administration and effectively perform their daily system and network-related duties.

Sams Teach Yourself Shell Programming in 24 Hours

Unix and Libraries

A compendium of shell scripting recipes that can immediately be used, adjusted, and applied The shell is the primary way of communicating with the Unix and Linux systems, providing a direct way to program by automating simple-to-intermediate tasks. With this book, Linux expert Steve Parker shares a collection of shell scripting recipes that can be used as is or easily modified for a variety of environments or situations. The book covers shell programming, with a focus on Linux and the Bash shell; it provides credible, real-world relevance, as well as providing the flexible tools to get started immediately. Shares a collection of helpful shell scripting recipes that can immediately be used for various of real-world challenges Features recipes for system tools, shell features, and systems administration Provides a host of plug and play recipes for to immediately apply and easily modify so the wheel doesn't have to be reinvented with each challenge faced Come out of your shell and dive into this collection of tried and tested shell scripting recipes that you can start using right away!

UNIX System Administration

UNIX for the MS-DOS User

Effective awk Programming,3rd Edition, focuses entirely on awk, exploring it in the greatest depth of the three awk titles we carry. It's an excellent companion piece to the more broadly focused second edition. This book provides complete coverage of the gawk 3.1 language as well as the most up-to-date coverage of the POSIX standard for awk available anywhere. Author Arnold Robbins clearly distinguishes standard awk features from GNU awk (gawk)-specific features, shines light into many of the "dark corners" of the language (areas to watch out for when programming), and devotes two full chapters to example programs. A brand new chapter is devoted to TCP/IP networking with gawk. He includes a summary of how the awk language evolved. The book also covers: Internationalization of gawk Interfacing to i18n at the awk level Two-way pipes TCP/IP networking via the two-way pipe interface The new PROCINFO array, which provides information about running gawk Profiling and pretty-printing awk programs In addition to covering the awk language, this book serves as the official "User's Guide" for the GNU implementation of awk (gawk), describing in an integrated fashion the extensions available to the System V Release 4 version of awk that are also available in gawk. As the official gawk User's Guide, this book will also be available electronically, and can be freely copied and distributed under the terms of the Free Software Foundation's Free Documentation License (FDL). A portion of the proceeds from

sales of this book will go to the Free Software Foundation to support further development of free and open source software. The third edition of Effective awk Programming is a GNU Manual and is published by O'Reilly & Associates under the Free Software Foundation's Free Documentation License (FDL). A portion of the proceeds from the sale of this book is donated to the Free Software Foundation to further development of GNU software. This book is also available in electronic form; you have the freedom to modify this GNU Manual, like GNU software. Copies published by the Free Software Foundation raise funds for GNU development.

UNIX Review

Provides a description of the essential procedures for administering a system V UNIX system. Includes a review of: adding and removing accounts; file system backup and recovery; system startup and shutdown; activating and deactivating ports; securing the system; VVCP network administration; and hand

On Macintosh Programming

Sun's Java Studio Creator (formerly Project Rave) offers you a remarkably productive visual environment for building, integrating, and delivering business-critical applications. Direct from Sun, Java™ Studio Creator Field Guide is your definitive guide to Java Studio Creator. Leading Java platform instructors and consultants Gail and Paul Anderson help you use Java Studio Creator to simplify and accelerate your entire development process. One step at a time, the Andersons walk you through Mastering Java Studio Creator's interface and workflow Simplifying Web development with JavaServer™ Faces components, validators, and data converters Controlling Web application page flow with the Page Navigation editor Building Creator projects with JavaBeans™ components Accessing Web services using XML-based open standards: a case study using Google Web Service APIs Using databases and data-aware components--including detailed coverage of new JDBC™ RowSets Customizing applications: localization, internationalization, and custom validation Debugging with Creator's built-in debugger With Java Studio Creator and this book, you'll spend less time on application "plumbing"--leaving more time for the high-value tasks you really care about. Simply put, you'll get more done, faster and have more fun doing it.

Java Studio Creator Field Guide

-- Industrial-strength code examples, strategies, and conventions for software engineering with C++ and UNIX/Linux. -- Make the most of advanced C++ features: powerful techniques, key tradeoffs. -- CD-ROM contains all of the book's real-world, enterprise-proven code! As software becomes increasingly distributed, high-quality infrastructure becomes ever more important. Precisely written, replete with advanced code examples, and based on Randall Maddox' extensive experience teaching advanced C++, this book gives working C++ developers the insights and sophisticated techniques they need to build superior software infrastructure. Maddox begins by introducing the context required to support a distributed Web application in a Unix environment. He then presents the utility classes that illustrate crucial design and implementation issues and serve as

building blocks for a distributed software architecture. Coverage includes concrete data types, templates, containers, namespaces, error handling, and an automated solution for the hazards of dynamic memory allocation. Maddox reviews C++ program startup and memory usage in detail, laying the groundwork for a full of understanding of multiprocessing, multithreading, and interprocess communication. Unlike most advanced C++ books, Distributed Application Programming in C++ goes beyond coding, introducing superior strategies for enterprise software development. Maddox presents key design/implementation tradeoffs, managing source code organization, build-time issues, the run-time environment, and more. For all professional developers who want to master the use of advanced C++ features in real-world distributed applications.

Unix Shell Programming

Unix User's Handbook

Many excellent hardware and software products exist to protect our data communications systems, but security threats dictate that they must be further enhanced. Many laws implemented during the past 15 years have provided law enforcement with more teeth to take a bite out of cyber crime, but there is still a need for individuals who know how to investigate computer network security incidents. Organizations demand experts with both investigative talents and a technical knowledge of how cyberspace really works. Cyber Crime Investigator's Field Guide, Second Edition provides the investigative framework that needs to be followed, along with information about how cyberspace works and the tools that reveal the who, what, when, where, why, and how in the investigation of cyber crime. This volume offers a valuable Q&A by subject area, an extensive overview of recommended reference materials, and a detailed case study. Appendices highlight attack signatures, UNIX/Linux commands, Cisco PIX commands, port numbers targeted by trojan horses, and more.

UNIX System V Release 4

If you are trying to become (or just appear to be) a Unix wizard; if you use Unix and no longer get lost making your way through the system; if you can create directories, edit files, grep occasionally, if you'd sometimes like to write a simple shell script; or even if you can write a C program; then this book is for you. Mastering Tools, Taming Daemons is unique in its broad and concise coverage of the Unix system including utilities, administration, software development, networking, and internal operation. This book will help you do many things and solve many problems.

Effective awk Programming

Dunphy has completely revised his bestselling The UNIX Industry and shifted its emphasis to how to develop strategies to manage the significant recent changes in the computer industry and to face the daunting task of delivering on the promise of UNIX and open-systems based technologies.

The UNIX C Shell Field Guide

This Nutshell Handbook® is a thorough introduction to the Korn shell, both as a user interface and as a programming language. The Korn shell, like the C and Bourne shells, is a program that interprets UNIX commands. It has many features that aren't found in other shells, including command history (the ability to recall and edit previous commands). The Korn shell is also faster; several of its features allow you to write programs that execute more quickly than their Bourne or C shell equivalents. This book provides a clear and concise explanation of the Korn shell's features. It explains ksh string operations, co-processes, signals and signal handling, and one of the worst "dark corners" of shell programming: command-line interpretation. It does this by introducing simple real-life examples and then adding options and complexity in later chapters, illustrating the way real-world script development generally proceeds. An additional (and unique) programming aid, a Korn shell debugger (kshdb), is also included. Learning the Korn Shell is an ideal resource for many UNIX users and programmers, including software developers who want to "prototype" their designs, system administrators who want to write tools for their own use, and even novices who just want to use some of ksh's more advanced interactive features.

The UNIX Command Reference Guide

Learn how to develop powerful and robust shell scripts in order to get the most out of your Unix/Linux system.

The Design of the UNIX Operating System

Software -- Operating Systems.

Classic Shell Scripting

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