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# Shell Scripting Expert Recipes For Linux Bash And More

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Mastering Unix Shell Scripting  
101 Scripts for Linux, OS X, and UNIX Systems  
A Problem-Solution Approach  
Shell Scripting Recipes  
Bash, Bourne, and Korn Shell Scripting for  
Programmers, System Administrators, and UNIX  
Gurus  
A Problem-Solution Approach  
Create fast and reliable embedded solutions with  
Linux 5.4 and the Yocto Project 3.1 (Dunfell)  
A Problem-Solution Approach  
Linux Command Line and Shell Scripting Bible  
Pro Bash Programming  
Shell Programming in Unix, Linux and OS X  
Shell Scripting  
Scripting the Linux Shell  
Linux Recipes for Oracle DBAs  
Advanced Bash Scripting Guide  
Wicked Cool Shell Scripts, 2nd Edition  
Solaris 10 System Administration Essentials  
CentOS Bible  
The Fourth Edition of Unix Shell Programming  
The UNIX-haters Handbook  
Shell Scripting Tutorial

Expert C Programming  
Linux System Programming Techniques  
SAS Certified Specialist Prep Guide  
Explore Linux system programming interfaces,  
theory, and practice  
Bash Cookbook  
Help for Power Users and Sys Admins  
Expert Recipes for Linux, Bash, and more  
Linux Shell Scripting Cookbook  
Exploring Splunk  
Bash Quick Start Guide  
Exam XK0-003 Study Guide  
Become a proficient Linux system programmer  
using expert recipes and techniques  
Windows PowerShell Cookbook  
Eleventh Hour Linux+  
Base Programming Using SAS 9.4  
Expert Recipes for Linux, Bash, and more  
Linux System Administration Recipes  
Take Control of the Mac Command Line with  
Terminal

*Shell  
Scripting  
Expert  
Recipes For  
Linux Bash  
And More*

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**DARIEN HURLEY**

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**Mastering Unix Shell  
Scripting** Pearson  
Education  
Master the

complexities of Bash  
shell scripting and  
unlock the power of  
shell for your  
enterprise Key  
Features Identify high-  
level steps such as  
verifying user input  
Using the command  
line and conditional

statements in creating/executing simple shell scripts Create and edit dynamic shell scripts to manage complex and repetitive tasks Leverage the command-line to bypass GUI and automate common tasks Book Description In this book, you'll discover everything you need to know to master shell scripting and make informed choices about the elements you employ. Grab your favorite editor and start writing your best Bash scripts step by step. Get to grips with the fundamentals of creating and running a script in normal mode, and in debug mode. Learn about various conditional statements' code snippets, and realize the power of

repetition and loops in your shell script. You will also learn to write complex shell scripts. This book will also deep dive into file system administration, directories, and system administration like networking, process management, user authentications, and package installation and regular expressions. Towards the end of the book, you will learn how to use Python as a BASH Scripting alternative. By the end of this book, you will know shell scripts at the snap of your fingers and will be able to automate and communicate with your system with keyboard expressions. What you will learn Make, execute, and debug your first Bash script Create interactive

scripts that prompt for user input Foster menu structures for operators with little command-line experience Develop scripts that dynamically edit web configuration files to produce a new virtual host Write scripts that use AWK to search and reports on log files Draft effective scripts using functions as building blocks, reducing maintenance and build time Make informed choices by comparing different script languages such as Python with BASH Who this book is for If you are a Linux administrator or a system administrator and are interested in automating tasks in your daily lives, saving time and effort, this book is for you. Basic shell scripting and

command-line experience will be required. Familiarity with the tasks you need to automate will be helpful.

*101 Scripts for Linux, OS X, and UNIX*  
Systems Packt Publishing Ltd

Authoritative guide to a rapidly growing Linux distribution This is one of the first, if not the first comprehensive guide to the CentOS Linux operating system. Linux guru Tim Bornoczyk, thoroughly covers the topic whether you're a Linux novice or a regular who now wants to master this increasingly popular distribution. First find out how to install and configure CentOS. From there, you'll cover a wealth of Linux and CentOS tools, functions, and techniques, including:

how to work in the GNOME and KDE desktop environments; how to use the Linux shell, file system, and text editor; how to configure CUPS printers, Samba for file and printer sharing and other features using GUI tools; and more. CentOS (Community ENTERprise Operating System) is a Linux operating system maintained by a small team of core developers based on Red Hat Enterprise Linux (RHEL) Lead author Christopher Negus is the bestselling Linux author of such books as Fedora 10 and Red Hat Enterprise Linux Bible and Linux 2009 Edition Bible; he is also a member of the Red Hat Enterprise Linux training team Tech edited by key member

of the CentOS development team, Ralph Angenendt, and foreword written by lead CentOS developer, Karanbir Singh. Learn how to set up users, automate system tasks, back up and restore files, and prepare for the latest security issues and threats; also learn how to use and customize the desktop menus, icons, window manager, and xterm; and how to create and publish formatted documents Explores available Linux multimedia applications for graphics, audio, video and CD burning The DVD includes complete copy of the most current CentOS Distribution - CentOS 5.3 For getting the most out of CentOS Linux, this is the book

you need to succeed.  
Note: CD-ROM/DVD  
and other  
supplementary  
materials are not  
included as part of  
eBook file.

**A Problem-Solution  
Approach** John Wiley  
& Sons

Provides readers with  
end-to-end shell scripts  
that can be used to  
automate repetitive  
tasks and solve real-  
world system  
administration  
problems Targets the  
specific command  
structure for four  
popular UNIX systems:  
Solaris, Linux, AIX, and  
HP-UX Illustrates  
dozens of example  
tasks, presenting the  
proper command  
syntax and analyzing  
the performance gain  
or loss using various  
control structure  
techniques Web site  
includes all the shell

scripts used in the  
book

**Shell Scripting  
Recipes** John Wiley &  
Sons

This book is for all  
people who are forced  
to use UNIX. It is a  
humorous book--pure  
entertainment--that  
maintains that UNIX is  
a computer virus with a  
user interface. It  
features letters from  
the thousands posted  
on the Internet's  
"UNIX-Haters" mailing  
list. It is not a  
computer handbook,  
tutorial, or reference. It  
is a self-help book that  
will let readers know  
they are not alone.  
*Bash, Bourne, and Korn  
Shell Scripting for  
Programmers, System  
Administrators, and  
UNIX Gurus* Addison-  
Wesley Professional  
The job of Linux  
systems administrator  
is interrupt-driven and

requires constant learning in byte-wise chunks. This book gives solutions to modern problems—even some you might not have heard of—such as scripting LDAP, making Mac clients play nice with Linux servers, and backup, security, and recovery scripts. Author Juliet Kemp takes a broad approach to scripting using Perl and bash, and all scripts work on Debian or Red Hat lineage distributions. Plus, she dispenses wisdom about time management, dealing with desperate colleagues, and how to avoid reinventing the wheel! Learn how to love LDAP scripting and NFS tuning Make Perl serve you: don't be enslaved by Perl Learn to change, craft, and

feel empowered by recipes that change your life  
A Problem-Solution Approach Apress  
The key to mastering any Unix system, especially Linux and Mac OS X, is a thorough knowledge of shell scripting. Scripting is a way to harness and customize the power of any Unix system, and it's an essential skill for any Unix users, including system administrators and professional OS X developers. But beneath this simple promise lies a treacherous ocean of variations in Unix commands and standards. bash Cookbook teaches shell scripting the way Unix masters practice the craft. It presents a variety of recipes and tricks for all levels of

shell programmers so that anyone can become a proficient user of the most common Unix shell -- the bash shell -- and cygwin or other popular Unix emulation packages. Packed full of useful scripts, along with examples that explain how to create better scripts, this new cookbook gives professionals and power users everything they need to automate routine tasks and enable them to truly manage their systems - rather than have their systems manage them. "O'Reilly Media, Inc." Solaris™ 10 System Administration Essentials is the first book to concisely yet comprehensively cover all of the breakthrough features of the Solaris 10 operating system. The Solaris OS has a

long history of innovation, and the Solaris 10 OS is a watershed release that includes features such as Zones, which provide application isolation and facilitate server consolidation ZFS™, the file system that provides a new approach to managing your data with an easy administration interface The Fault Management Architecture, which automates fault detection and resolution The Service Management Facility, a unified model for services and service management on every Solaris system Dynamic Tracing (DTrace), for troubleshooting OS and application problems on production systems in real time In addition, the Solaris 10 OS fully



supports 32-bit and 64-bit x86 platforms, as well as the SPARC® architecture. The book's key topics include Installing, booting, and shutting down a system Managing packages and patches (software updates) Controlling system processes Managing disks and devices Managing users Configuring networks Using printing services Solaris™ 10 System Administration Essentials is part of a new series on Solaris system administration. It is a practical guide to deploying and managing the Solaris 10 operating system in a business or academic environment. The book is easy to read and rich with examples—a perfect companion for system administrators

who are deploying the Solaris OS for the first time.  
Create fast and reliable embedded solutions with Linux 5.4 and the Yocto Project 3.1 (Dunfell) CreateSpace Find solutions to all your problems related to Linux system programming using practical recipes for developing your own system programs Key Features Develop a deeper understanding of how Linux system programming works Gain hands-on experience of working with different Linux projects with the help of practical examples Learn how to develop your own programs for Linux Book Description Linux is the world's most popular open source operating system (OS). Linux System Programming

Techniques will enable you to extend the Linux OS with your own system programs and communicate with other programs on the system. The book begins by exploring the Linux filesystem, its basic commands, built-in manual pages, the GNU compiler collection (GCC), and Linux system calls. You'll then discover how to handle errors in your programs and will learn to catch errors and print relevant information about them. The book takes you through multiple recipes on how to read and write files on the system, using both streams and file descriptors. As you advance, you'll delve into forking, creating zombie processes, and daemons, along with recipes on how to

handle daemons using `systemd`. After this, you'll find out how to create shared libraries and start exploring different types of interprocess communication (IPC). In the later chapters, recipes on how to write programs using POSIX threads and how to debug your programs using the GNU debugger (GDB) and Valgrind will also be covered. By the end of this Linux book, you will be able to develop your own system programs for Linux, including daemons, tools, clients, and filters. What you will learn Discover how to write programs for the Linux system using a wide variety of system calls Delve into the working of POSIX functions Understand and use key concepts

such as signals, pipes, IPC, and process management Find out how to integrate programs with a Linux system Explore advanced topics such as filesystem operations, creating shared libraries, and debugging your programs Gain an overall understanding of how to debug your programs using Valgrind Who this book is for This book is for anyone who wants to develop system programs for Linux and gain a deeper understanding of the Linux system. The book is beneficial for anyone who is facing issues related to a particular part of Linux system programming and is looking for specific recipes or solutions. A Problem-Solution Approach John Wiley &

Sons Eleventh Hour Linux+: Exam XK0-003 Study Guide offers a practical guide for those preparing for the Linux+ certification exam. The book begins with a review of important concepts that are needed for successful operating system installation. These include computer hardware, environment settings, partitions, and network settings. The book presents the strategies for creating filesystems; different types of filesystems; the tools used to create filesystems; and the tools used to administer filesystems. It explains the Linux boot process; how to configure system and user profiles as well as the common environment variables;

and how to use BASH command line interpreter. The remaining chapters discuss how to install, configure, support, and remove applications; the configuration of Linux as a workstation and as a server; securing the Linux system; and common tools for managing a system. Each chapter includes information on exam objectives, exam warnings, and the top five toughest questions along with their answers. Fast Facts quickly review fundamentals Exam Warnings highlight particularly tough sections of the exam Crunch Time sidebars point out key concepts to remember Did You Know? sidebars cover sometimes forgotten details Top Five Toughest Questions

and answers help you to prepare Linux Command Line and Shell Scripting Bible No Starch Press The second edition of Cognitive Therapy in Groups by Michael Free has been completely rewritten as a 25-session, structured programme of cognitive therapy in five modules. It is designed in an easy-to-present psycho-educational format that is intended for groups, but can also be used with individuals. It is sufficiently flexible for clinicians to use and adapt the resources for their own practice, and sufficiently specific to be used verbatim with a wide range of people suffering from emotional and behavioural problems. Web-based support resources include

assessment tools,  
handouts and  
PowerPoint slides.  
Pro Bash Programming  
Apress  
Advance your  
understanding of the  
Linux command line  
with this invaluable  
resource Linux  
Command Line and  
Shell Scripting Bible,  
4th Edition is the  
newest installment in  
the indispensable  
series known to Linux  
developers all over the  
world. Packed with  
concrete strategies  
and practical tips, the  
latest edition includes  
brand-new content  
covering:  
Understanding the  
Shell Writing Simple  
Script Utilities  
Producing Database,  
Web & Email Scripts  
Creating Fun Little  
Shell Scripts Written by  
accomplished Linux  
professionals Christine

Bresnahan and Richard  
Blum, Linux Command  
Line and Shell Scripting  
Bible, 4th Edition  
teaches readers the  
fundamentals and  
advanced topics  
necessary for a  
comprehensive  
understanding of shell  
scripting in Linux. The  
book is filled with real-  
world examples and  
usable scripts, helping  
readers navigate the  
challenging Linux  
environment with ease  
and convenience. The  
book is perfect for  
anyone who uses Linux  
at home or in the office  
and will quickly find a  
place on every Linux  
enthusiast's bookshelf.  
*Shell Programming in  
Unix, Linux and OS X*  
Apress  
Using illustrations,  
every aspect of the  
Kindle Fire HD is  
explained including  
using it as an e-reader,

watching TV and movies, listening to music, and managing applications.

*Shell Scripting* Packt Publishing Ltd

Linux Recipes for Oracle DBAs is an example-based book on managing Oracle Database in a Linux environment. Covering commonly used distributions such as Red Hat Enterprise Linux and Oracle Enterprise Linux, the book is written for database administrators who need to get work done and lack the luxury of curling up fireside with a stack of Linux documentation. The book is task-oriented: Look up the task to perform. See the solution. Read up on the details. Get the job done. Takes you directly from problem

to solution Covers the “right” mix of Linux user and administration tasks for database administrators Respects your time by being succinct and to-the-point What you’ll learn Execute Linux commands applicable to Oracle Database administration. Write shell scripts to automate critical DBA tasks. Monitor, tune, and optimize a Linux server to run Oracle Database. Perform Linux system administration tasks relevant to Oracle Database. Implement Oracle real application clusters on Linux. Implement Oracle automatic storage management on Linux. Remotely (and securely!) manage Oracle on Linux. Who

this book is for Linux Recipes for Oracle DBAs is a book for Oracle database administrators who want to expertly operate Oracle databases on the Linux operating system. If you're new to Linux, or are migrating from a Unix platform, or just want detailed solutions for tasks that Oracle DBAs perform on Linux servers, this book is for you.

Scripting the Linux Shell Packt Publishing Ltd

O'Reilly Media is unique among tech book publishers for its iconic animal covers. Everything from tarsiers, bears, camels, and big cats to a variety of birds, fish, anemones, and insects have graced O'Reilly book covers since the late 1980s. Now, with

this high-quality coloring book, you can put your own spin on this group of classic prints. The coloring book includes 12 images from the O'Reilly Animal image archive, converted for coloring by O'Reilly designer Karen Montgomery. These beautiful reproductions of 19th century engravings are printed on heavyweight paper with nothing on the back to compromise your own colorful masterpieces. This isn't your kid's coloring book. Take it out when you need a break and give the left side of your brain a chance to express itself for a change. Relax, have some fun, and create your own animal menagerie—in color.

**Linux Recipes for Oracle DBAs SAS**

## Institute

System administrators need libraries of solutions that are ingenious but understandable. They don't want to reinvent the wheel, but they don't want to reinvent filesystem management either!

**Expert Shell Scripting** is the ultimate resource for all working Linux, Unix, and OS X system administrators who would like to have short, succinct, and powerful shell implementations of tricky system scripting tasks. Automating small to medium system management tasks Analyzing system data and editing configuration files Scripting Linux, Unix, and OS X applications using bash, ksh, et al.

[Advanced Bash Scripting Guide](#) Fultus

## Corporation

With more than 250 ready-to-use recipes, this solutions-oriented introduction to the Windows PowerShell scripting environment and language provides administrators with the tools to be productive immediately.

### **Wicked Cool Shell Scripts, 2nd Edition**

John Wiley & Sons Incorporated

Big data has incredible business value, and Splunk is the best tool for unlocking that value. Exploring Splunk shows you how to pinpoint answers and find patterns obscured by the flood of machinegenerated data. This book uses an engaging, visual presentation style that quickly familiarizes you with how to use Splunk. You'll move from mastering Splunk



basics to creatively solving real-world problems, finding the gems hidden in big data.

*Solaris 10 System Administration Essentials* Packt Publishing Ltd

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! CentOS Bible Shell ScriptingExpert Recipes for Linux,

Bash, and more 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.

The Fourth Edition of Unix Shell

Programming John

Wiley & Sons

An easy-to-understand, step-by-step practical guide that shows you

how to use the Linux Bash terminal tools to solve information security problems. If you are a penetration tester, system administrator, or developer who would like an enriching and practical introduction to the Bash shell and Kali Linux command-line-based tools, this is the book for you.

Best Sellers - Books :

- [Kindergarten, Here I Come!](#)
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- [The Summer Of Broken Rules By K. L. Walther](#)
- [The Last Thing He Told Me: A Novel](#)
- [Reminders Of Him: A Novel By Colleen Hoover](#)
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- [The Light We Carry: Overcoming In Uncertain Times](#)
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