

Bengali In Gnu Linux Howto

Annotation Attention, small business owners! Stop tax-day stress. Stop procrastinating with a shoebox full of receipts. Stop reinventing the wheel with a spreadsheet. Stop making decisions simply on a hunch. Stop wasting money on software that is overkill. Start by downloading GnuCash and getting your accounts in order. Designed to be easy to use, yet powerful and flexible, GnuCash allows you to track bank accounts, income, and expenses. As quick and intuitive to use as a checkbook register, it is based on professional accounting principles to ensure balanced books and accurate reports. You can do it and GnuCash 2.4 Small Business Accounting Beginner's Guide will help you get up and running with maintaining your accounts. GnuCash 2.4 Small Business Accounting Beginner's Guide speaks business language, not accountant-speak, because it is written by a former small business owner. It guides you to use GnuCash from scratch with step-by-step tutorials without jargon, pointing out the gotchas to avoid with lots of tips. It will teach you to work on routine business transactions while migrating transaction data from other applications gradually. You will be able to keep on top of transactions and run reports after reading just three chapters! Beyond Chapter 3, it is up to you how far you want to go. Reconcile with your bank and credit card statements. Charge and pay sales tax. Do invoicing. Track payments due. Set up reminders for bills. Avoid stress at tax time. Print checks. Capture expenses using your mobile phone. GnuCash 2.4 Small Business Accounting Beginner's Guide gives you the power. Know your numbers. Make decisions with confidence. Drive your business to its full potential. Get your accounts in order and avoid tax-day stress with this hands-on guide to GnuCash, the best free accounts software in the world. Join the technological revolution that's taking the financial world by storm. Mastering Bitcoin is your guide through the seemingly complex world of bitcoin, providing the knowledge you need to participate in the internet of money. Whether you're building the next killer app, investing in a startup, or simply curious about the technology, this revised and expanded second edition provides essential detail to get you started. Bitcoin, the first successful decentralized digital currency, is still in its early stages and yet it's already spawned a multi-billion-dollar global economy open to anyone with the knowledge and passion to participate. Mastering Bitcoin provides the knowledge. You simply supply the passion. The second edition includes: A broad introduction of bitcoin and its underlying blockchain—ideal for non-technical users, investors, and business executives An explanation of the technical foundations of bitcoin and cryptographic currencies for developers, engineers, and software and systems architects Details of the bitcoin decentralized network, peer-to-peer architecture, transaction lifecycle, and security principles New developments such as Segregated Witness, Payment Channels, and Lightning Network A deep dive into blockchain applications, including how to combine the building blocks offered by

this platform into higher-level applications User stories, analogies, examples, and code snippets illustrating key technical concepts

The official "Fedora 15 Installation Guide" covers installation of Fedora, a Linux distribution built on free and open source software.

A tutorial and reference to the object-oriented programming language for beginning to experienced programmers, updated for version 1.8, describes the language's structure, syntax, and operation, and explains how to build applications. Original. (Intermediate)

Doing Math with Python shows you how to use Python to delve into high school–level math topics like statistics, geometry, probability, and calculus. You'll start with simple projects, like a factoring program and a quadratic-equation solver, and then create more complex projects once you've gotten the hang of things. Along the way, you'll discover new ways to explore math and gain valuable programming skills that you'll use throughout your study of math and computer science. Learn how to: –Describe your data with statistics, and visualize it with line graphs, bar charts, and scatter plots –Explore set theory and probability with programs for coin flips, dicing, and other games of chance –Solve algebra problems using Python's symbolic math functions –Draw geometric shapes and explore fractals like the Barnsley fern, the Sierpinski triangle, and the Mandelbrot set –Write programs to find derivatives and integrate functions Creative coding challenges and applied examples help you see how you can put your new math and coding skills into practice. You'll write an inequality solver, plot gravity's effect on how far a bullet will travel, shuffle a deck of cards, estimate the area of a circle by throwing 100,000 "darts" at a board, explore the relationship between the Fibonacci sequence and the golden ratio, and more. Whether you're interested in math but have yet to dip into programming or you're a teacher looking to bring programming into the classroom, you'll find that Python makes programming easy and practical. Let Python handle the grunt work while you focus on the math. Uses Python 3

Atong is a Tibeto-Burman language spoken in Northeast India and Bangladesh. In this dictionary, Seino van Breugel provides a rigorous, well-illustrated and well-referenced lexical description of the language, making this book of great interest and value to general linguists, typologists, as well as area specialists and cultural anthropologists. Comprising not only of an Atong-English, but also an English-Atong dictionary, as well as semantic lexica, this volume is one of the most thorough lexical descriptions of a Bodo-Garo language to date. The grammatical lexica allow the reader quick access to lists of members of the various Atong word classes, collocations and idiomatic expressions. The grammatical compendium makes this book self-contained, while its many references link it to the rest of the author's corpus on the Atong language. The appendix of photos not only provides visual illustrations to many of the Atong dictionary entries, but also offers the reader a glance at the physical environment in which the language is spoken.

Whether you're just starting out with Linux or looking to hone your existing skills, this book will provide you with the knowledge you need.

The definitive guide to administering a Red Hat EnterpriseLinux 6 network Linux professionals who need a go-to guide on version 6 of RedHat Enterprise Linux (RHEL) will find what they need in thiscomprehensive Sybex book. It covers RHEL administration in detail,including how to set up and manage web and mail services, use RHELin enterprise environments, secure it, optimize storage, configurefor virtualization and high availability, and much more. It also provides a great study aid for those preparing for either the RHCSAor RHCE certification exam. Red Hat is the Linux market leader, and Red Hat administratorsare in demand This Sybex guide is a comprehensive resource on Red HatEnterprise Linux administration and useful for those preparing forone of the Red Hat certification exams Covers setting up and managing web and mail services, usingRHEL in enterprise environments, securing RHEL, and optimizingstorage to fit your environment Explores advanced RHEL configurations, including virtualizationand high availability Red Hat Enterprise Linux 6 Administration is the guideLinux professionals and Red Hat administrators need to stay currenton the newest version.

A pioneering examination of the folkloric qualities of the World Wide Web, e-mail, and related digital media. These studies show that folk culture, sustained by a new and evolving vernacular, has been a key, since the Internet's beginnings, to language, practice, and interaction online. Users of many sorts continue to develop the Internet as a significant medium for generating, transmitting, documenting, and preserving folklore. In a set of new, insightful essays, contributors Trevor J. Blank, Simon J. Bronner, Robert Dobler, Russell Frank, Gregory Hansen, Robert Glenn Howard, Lynne S. McNeill, Elizabeth Tucker, and William Westerman showcase ways the Internet both shapes and is shaped by folklore

Whether you're a veteran or an absolute n00b, this is the best place to start with Kali Linux, the security professional's platform of choice, and a truly industrial-grade, and world-class operating system distribution-mature, secure, and enterprise-ready. GIMP is a free alternative to Adobe Photoshop with tons of professional-grade features. But with so many powerful tools and menu options, GIMP can be difficult to master. Whether you're struggling to get started or trying to master some of GIMP's more complex features, you'll find the answers you're looking for in The Book of GIMP. The tutorials in the first half of the book walk you through essential GIMP skills, like resizing and cropping images, touching up spots and scratches, and customizing your work area. Illustrated, step-by-step instructions show you how to: –Improve the lighting and composition of images –Remove distortions and noise to make old and damaged photos look like new –Create stunning panoramas and digital collages using a series of photos –Make, edit, and export custom textures, logos, and animated GIFs –Work with selections, channels, and masks to edit images like a pro –Create colorful digital art, layer by layer The book's second half offers a comprehensive reference to GIMP's many features, including color balancing, masks, filters, and plug-ins. You'll find tools described in unparalleled detail, with coverage of nearly every option and parameter. With illustrated tutorials and detailed references, The Book of GIMP is sure to become

your one-stop guide to just about everything GIMP.

This practical, tutorial-style book uses the Kali Linux distribution to teach Linux basics with a focus on how hackers would use them. Topics include Linux command line basics, filesystems, networking, BASH basics, package management, logging, and the Linux kernel and drivers. If you're getting started along the exciting path of hacking, cybersecurity, and pentesting, Linux Basics for Hackers is an excellent first step. Using Kali Linux, an advanced penetration testing distribution of Linux, you'll learn the basics of using the Linux operating system and acquire the tools and techniques you'll need to take control of a Linux environment. First, you'll learn how to install Kali on a virtual machine and get an introduction to basic Linux concepts. Next, you'll tackle broader Linux topics like manipulating text, controlling file and directory permissions, and managing user environment variables. You'll then focus in on foundational hacking concepts like security and anonymity and learn scripting skills with bash and Python. Practical tutorials and exercises throughout will reinforce and test your skills as you learn how to:

- Cover your tracks by changing your network information and manipulating the rsyslog logging utility
- Write a tool to scan for network connections, and connect and listen to wireless networks
- Keep your internet activity stealthy using Tor, proxy servers, VPNs, and encrypted email
- Write a bash script to scan open ports for potential targets
- Use and abuse services like MySQL, Apache web server, and OpenSSH
- Build your own hacking tools, such as a remote video spy camera and a password cracker

Hacking is complex, and there is no single way in. Why not start at the beginning with Linux Basics for Hackers?

Presents instructions on using MySQL, covering such topics as installation, querying, user management, security, and backups and recovery.

LibreOffice is a freely-available, full-featured office suite that runs on Windows, Linux, and macOS computers. This book is for anyone who wants to get up to speed quickly with LibreOffice 6.0. It introduces Writer (word processing), Calc (spreadsheets), Impress (presentations), Draw (vector drawings), Math (equation editor), and Base (database). This book was written by volunteers from the LibreOffice community. Profits from the sale of this book will be used to benefit the community.

Takes programmers through the complete process of developing a professional quality game, covering a range of topics such as the key "gotcha" issues that could trip up even a veteran programmer, game interface design, game audio, and game engine technolog

When Practical Unix Security was first published more than a decade ago, it became an instant classic. Crammed with information about host security, it saved many a Unix system administrator from disaster. The second edition added much-needed Internet security coverage and doubled the size of the original volume. The third edition is a comprehensive update of this very popular book - a companion for the Unix/Linux system administrator who needs to secure his or her organization's system, networks, and web presence in an increasingly hostile world. Focusing on the four most popular Unix variants today--Solaris, Mac OS X, Linux, and FreeBSD--this book contains new information on PAM (Pluggable Authentication Modules), LDAP, SMB/Samba, anti-theft technologies, embedded systems, wireless and laptop issues, forensics, intrusion detection, chroot jails, telephone scanners and firewalls, virtual and cryptographic filesystems, WebNFS, kernel security levels, outsourcing, legal issues, new Internet

protocols and cryptographic algorithms, and much more. Practical Unix & Internet Security consists of six parts: Computer security basics: introduction to security problems and solutions, Unix history and lineage, and the importance of security policies as a basic element of system security. Security building blocks: fundamentals of Unix passwords, users, groups, the Unix filesystem, cryptography, physical security, and personnel security. Network security: a detailed look at modem and dialup security, TCP/IP, securing individual network services, Sun's RPC, various host and network authentication systems (e.g., NIS, NIS+, and Kerberos), NFS and other filesystems, and the importance of secure programming. Secure operations: keeping up to date in today's changing security world, backups, defending against attacks, performing integrity management, and auditing. Handling security incidents: discovering a break-in, dealing with programmed threats and denial of service attacks, and legal aspects of computer security. Appendixes: a comprehensive security checklist and a detailed bibliography of paper and electronic references for further reading and research. Packed with 1000 pages of helpful text, scripts, checklists, tips, and warnings, this third edition remains the definitive reference for Unix administrators and anyone who cares about protecting their systems and data from today's threats.

The Fedora Installation Guide covers installation of Fedora, a Linux distribution built on free and open source software.

Pro Bash Programming teaches you how to effectively utilize the Bash shell in your programming. The Bash shell is a complete programming language, not merely a glue to combine external Linux commands. By taking full advantage of Shell internals, Shell programs can perform as snappily as utilities written in C or other compiled languages. And you will see how, without assuming Unix lore, you can write professional Bash 4.3 programs through standard programming techniques. This second edition has updated for Bash 4.3, and many scripts have been rewritten to make them more idiomatically Bash, taking better advantage of features specific to Bash. It is easy to read, understand, and will teach you how to get to grips with Bash programming without drowning you in pages and pages of syntax. Using this book you will be able to use the shell efficiently, make scripts run faster using expansion and external commands, and understand how to overcome many common mistakes that cause scripts to fail. This book is perfect for all beginning Linux and Unix system administrators who want to be in full control of their systems, and really get to grips with Bash programming.

Git is the version control system developed by Linus Torvalds for Linux kernel development. It took the open source world by storm since its inception in 2005, and is used by small development shops and giants like Google, Red Hat, and IBM, and of course many open source projects. A book by Git experts to turn you into a Git expert Introduces the world of distributed version control Shows how to build a Git development workflow

Beginning with a basic primer on reverse engineering-including computer internals, operating systems, and assembly language-and then discussing the various applications of reverse engineering, this book provides readers with practical, in-depth techniques for software reverse engineering. The book is broken into two parts, the first deals with security-related reverse engineering and the second explores the more practical aspects of reverse engineering. In addition, the author explains how to reverse engineer a third-party software library to improve interfacing and how to reverse

engineer a competitor's software to build a better product. * The first popular book to show how software reverse engineering can help defend against security threats, speed up development, and unlock the secrets of competitive products * Helps developers plug security holes by demonstrating how hackers exploit reverse engineering techniques to crack copy-protection schemes and identify software targets for viruses and other malware * Offers a primer on advanced reverse-engineering, delving into "disassembly"-code-level reverse engineering-and explaining how to decipher assembly language

Create high-quality and professional-looking texts, articles, and books for Business and Science using LaTeX.

This thorough tutorial teaches you the complete regular expression syntax. Detailed examples and descriptions of how regular expressions work on the inside, give you a deep understanding enabling you to unleash their full power. Learn how to put your new skills to use with tools such as PowerGREP and EditPad Pro, as well as programming languages such as C#, Delphi, Java, JavaScript, Perl, PHP, Python, Ruby, Visual Basic, VBScript, and more.

The Book of R is a comprehensive, beginner-friendly guide to R, the world's most popular programming language for statistical analysis. Even if you have no programming experience and little more than a grounding in the basics of mathematics, you'll find everything you need to begin using R effectively for statistical analysis. You'll start with the basics, like how to handle data and write simple programs, before moving on to more advanced topics, like producing statistical summaries of your data and performing statistical tests and modeling. You'll even learn how to create impressive data visualizations with R's basic graphics tools and contributed packages, like ggplot2 and ggvis, as well as interactive 3D visualizations using the rgl package. Dozens of hands-on exercises (with downloadable solutions) take you from theory to practice, as you learn: –The fundamentals of programming in R, including how to write data frames, create functions, and use variables, statements, and loops –Statistical concepts like exploratory data analysis, probabilities, hypothesis tests, and regression modeling, and how to execute them in R –How to access R's thousands of functions, libraries, and data sets –How to draw valid and useful conclusions from your data –How to create publication-quality graphics of your results Combining detailed explanations with real-world examples and exercises, this book will provide you with a solid understanding of both statistics and the depth of R's functionality. Make The Book of R your doorway into the growing world of data analysis.

Have you ever wished you could reprogram your brain, just as a hacker would a computer? In this 3-step guide to improving your mental habits, learn to take charge of your mind and banish negative thoughts, habits, and anxiety in just twenty-one days. A seasoned author, comedian, and entrepreneur, Sir John Hargrave once suffered from unhealthy addictions, anxiety, and poor mental health. After cracking the code to unlocking his mind's full and balanced potential, his entire life changed for the better. In Mind Hacking, Hargrave reveals the formula that allowed him to overcome negativity and eliminate mental problems at their core. Through a 21-day, 3-step training program, this book lays out a simple yet comprehensive approach to help you rewire your brain and achieve healthier thought patterns for a better quality of life.

The world's most infamous hacker offers an insider's view of the low-tech threats to

high-tech security Kevin Mitnick's exploits as a cyber-desperado and fugitive form one of the most exhaustive FBI manhunts in history and have spawned dozens of articles, books, films, and documentaries. Since his release from federal prison, in 1998, Mitnick has turned his life around and established himself as one of the most sought-after computer security experts worldwide. Now, in *The Art of Deception*, the world's most notorious hacker gives new meaning to the old adage, "It takes a thief to catch a thief." Focusing on the human factors involved with information security, Mitnick explains why all the firewalls and encryption protocols in the world will never be enough to stop a savvy grifter intent on rifling a corporate database or an irate employee determined to crash a system. With the help of many fascinating true stories of successful attacks on business and government, he illustrates just how susceptible even the most locked-down information systems are to a slick con artist impersonating an IRS agent. Narrating from the points of view of both the attacker and the victims, he explains why each attack was so successful and how it could have been prevented in an engaging and highly readable style reminiscent of a true-crime novel. And, perhaps most importantly, Mitnick offers advice for preventing these types of social engineering hacks through security protocols, training programs, and manuals that address the human element of security.

You've experienced the shiny, point-and-click surface of your Linux computer—now dive below and explore its depths with the power of the command line. *The Linux Command Line* takes you from your very first terminal keystrokes to writing full programs in Bash, the most popular Linux shell. Along the way you'll learn the timeless skills handed down by generations of gray-bearded, mouse-shunning gurus: file navigation, environment configuration, command chaining, pattern matching with regular expressions, and more. In addition to that practical knowledge, author William Shotts reveals the philosophy behind these tools and the rich heritage that your desktop Linux machine has inherited from Unix supercomputers of yore. As you make your way through the book's short, easily-digestible chapters, you'll learn how to:

- * Create and delete files, directories, and symlinks
- * Administer your system, including networking, package installation, and process management
- * Use standard input and output, redirection, and pipelines
- * Edit files with Vi, the world's most popular text editor
- * Write shell scripts to automate common or boring tasks
- * Slice and dice text files with cut, paste, grep, patch, and sed

Once you overcome your initial "shell shock," you'll find that the command line is a natural and expressive way to communicate with your computer. Just don't be surprised if your mouse starts to gather dust. A featured resource in the Linux Foundation's "Evolution of a SysAdmin"

Beginning Ubuntu Linux: From Novice to Professional, Third Edition is the update to the best-selling first book introducing Ubuntu Linux. Adapted from Keir Thomas' best-selling "Beginning SUSE Linux: From Novice to Professional" (Apress, 2005), Keir sets out to guide readers through the most commonly desired yet confusing concepts and tasks confronted by new Linux users. Purposely focused on end users to satisfy the growing interest in migrating away from windows to the increasingly mature Linux desktop platform, *Beginning Ubuntu Linux* serves as a guide to a rapid and transparent familiarization of those features most treasured by general and power desktop users alike.

Full Coverage of All Exam Objectives for the CEH Exams 312-50 and EC0-350

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Thoroughly prepare for the challenging CEH Certified Ethical Hackers exam with this comprehensive study guide. The book provides full coverage of exam topics, real-world examples, and includes a CD with chapter review questions, two full-length practice exams, electronic flashcards, a glossary of key terms, and the entire book in a searchable pdf e-book. What's Inside: Covers ethics and legal issues, footprinting, scanning, enumeration, system hacking, trojans and backdoors, sniffers, denial of service, social engineering, session hijacking, hacking Web servers, Web application vulnerabilities, and more Walks you through exam topics and includes plenty of real-world scenarios to help reinforce concepts Includes a CD with an assessment test, review questions, practice exams, electronic flashcards, and the entire book in a searchable pdf

Debian GNU/Linux, a very popular non-commercial Linux distribution, is known for its reliability and richness. Built and maintained by an impressive network of thousands of developers throughout the world, the Debian project is cemented by its social contract. This foundation text defines the project's objective: fulfilling the needs of users with a 100% free operating system. The success of Debian and of its ecosystem of derivative distributions (with Ubuntu at the forefront) means that an increasing number of administrators are exposed to Debian's technologies. This Debian Administrator's Handbook, which has been entirely updated for Debian 8 "Jessie", builds on the success of its 6 previous editions. Accessible to all, this book teaches the essentials to anyone who wants to become an effective and independent Debian GNU/Linux administrator. It covers all the topics that a competent Linux administrator should master, from installation to updating the system, creating packages and compiling the kernel, but also monitoring, backup and migration, without forgetting advanced topics such as setting up SELinux or AppArmor to secure services, automated installations, or virtualization with Xen, KVM or LXC. This book is not only designed for professional system administrators. Anyone who uses Debian or Ubuntu on their own computer is de facto an administrator and will find tremendous value in knowing more about how their system works. Being able to understand and resolve problems will save you invaluable time. Learn more about the book on its official website: debian-handbook.info

Explore the potential of Ubuntu 20.04 to manage your local machine and external servers with easeKey Features* Learn how to install Ubuntu on a clean disk drive and with the network installer* Find out how to set up a firewall to protect your system from vulnerable attacks* Explore file-sharing services such as Samba and NFS to share files from Ubuntu to third-party systemsBook DescriptionUbuntu is undeniably one of the most highly regarded and widely used Debian-based Linux distributions available today. Thanks to its ease of use and reliability, Ubuntu has a loyal following of Linux users and an active community of developers.Ubuntu 20.04 Essentials is designed to take you through the installation, use, and administration of the Ubuntu 20.04 distribution in detail. For beginners, the book covers topics such as operating system installation, the basics of the GNOME desktop environment, configuring email and web servers, and installing packages and system updates. Additional installation topics such as dual booting with Microsoft Windows are also covered along with crucial security topics such as configuring a firewall and user and group administration.For the experienced user, the book delves into topics such as remote desktop access, the Cockpit web interface,

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logical volume management (LVM), disk partitioning, and swap management. Further, it also explores KVM virtualization, Secure Shell (SSH), Linux containers, and file sharing using both Samba and NFS to provide a thorough overview of this enterprise-class operating system. What you will learn* Get to grips with the process of installing and booting Ubuntu* Configure SSH key-based authentication on Ubuntu* Create KVM virtual machines using Cockpit and the Virtual Machine Manager (VMM)* Install, run, and manage containers on Ubuntu* Send and receive emails using a third-party SMTP relay server* Add a new disk to an Ubuntu volume group and logical volume Who this book is for If you are into network engineering or system administration or are a Linux enthusiast looking to get hands-on with Ubuntu 20.04 to manage local and virtual machines, this book is for you. A solid understanding of basic Linux commands and knowledge of Ubuntu is recommended.

Free Software, Free Society Selected Essays of Richard M. Stallman Lulu.com

Essay Collection covering the point where software, law and social justice meet.

This book not only delivers the theoretical concept of UNIX, but also describes how we can work on it in a live environment. It's just like a "Two in One" package where not only you clear your theoretical concept, but also you get a clear practical view and makes you capable of managing your own UNIX server(s) or home PC. It provides various theoretical and practical concepts in the form of quick tips which attracts a user while reading and develops a crystal clear understanding of various UNIX core concepts which are usually missed when you read a normal UNIX book, which will also prepare you for a UNIX or Linux interview or exam. Since this book is written by an administrator who works on managing live UNIX servers, so it also emphasizes how to troubleshoot various issues and bring the system and services up in case of any failure.

Get complete instructions for manipulating, processing, cleaning, and crunching datasets in Python. Updated for Python 3.6, the second edition of this hands-on guide is packed with practical case studies that show you how to solve a broad set of data analysis problems effectively. You'll learn the latest versions of pandas, NumPy, IPython, and Jupyter in the process. Written by Wes McKinney, the creator of the Python pandas project, this book is a practical, modern introduction to data science tools in Python. It's ideal for analysts new to Python and for Python programmers new to data science and scientific computing. Data files and related material are available on GitHub. Use the IPython shell and Jupyter notebook for exploratory computing Learn basic and advanced features in NumPy (Numerical Python) Get started with data analysis tools in the pandas library Use flexible tools to load, clean, transform, merge, and reshape data Create informative visualizations with matplotlib Apply the pandas groupby facility to slice, dice, and summarize datasets Analyze and manipulate regular and irregular time series data Learn how to solve real-world data analysis problems with thorough, detailed examples

A guide to the open-source operating system explains how to install Calder OpenLinux, configure Internet connections, work within the K Desktop environment, and maximize the potential of StarOffice

A concise walk-through of CentOS 7, starting from installation to securing it's environment. Key Features No previous Linux environment experience needed for reading this book Get comfortable with a popular and stable Red Hat Enterprise Linux distribution Most of the command line based concepts are explained with graphics Book Description Linux kernel development has been the worlds largest collaborative project to date. With this practical guide, you will learn Linux through one of its most popular and stable distributions. This book will introduce you to essential Linux skills using CentOS 7. It describes how a Linux system is organized, and will introduce you to key command-line concepts you can practice on your own.

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It will guide you in performing basic system administration tasks and day-to-day operations in a Linux environment. You will learn core system administration skills for managing a system running CentOS 7 or a similar operating system, such as RHEL 7, Scientific Linux, and Oracle Linux. You will be able to perform installation, establish network connectivity and user and process management, modify file permissions, manage text files using the command line, and implement basic security administration after covering this book. By the end of this book, you will have a solid understanding of working with Linux using the command line. What you will learn

- Understand file system hierarchy and essential command-line skills
- Use Vi editor, I/O redirections and how to work with common text manipulating tools
- Create, delete, modify user accounts and manage passwords and their aging policy
- Manage file ownership, permissions, and ACL
- Execute process management and monitoring on the command line
- Validate and manage network configuration using nmcli
- Manage remote logins using SSH and file transfer using SCP and Rsync
- Understand system logging, how to control system services with systemd and systemctl, and manage firewalld

Who this book is for Any individual who wants to learn how to use Linux as server or desktop in his environment. Whether you are a developer, budding system administrator, or tech lover with no previous Linux administration background, you will be able to start your journey in Linux using CentOS 7 with this book.

This textbook describes recent advances in genomics and bioinformatics and provides numerous examples of genome data analysis that illustrate its relevance to real world problems and will improve the reader's bioinformatics skills. Basic data preprocessing with normalization and filtering, primary pattern analysis, and machine learning algorithms using R and Python are demonstrated for gene-expression microarrays, genotyping microarrays, next-generation sequencing data, epigenomic data, and biological network and semantic analyses. In addition, detailed attention is devoted to integrative genomic data analysis, including multivariate data projection, gene-metabolic pathway mapping, automated biomolecular annotation, text mining of factual and literature databases, and integrated management of biomolecular databases. The textbook is primarily intended for life scientists, medical scientists, statisticians, data processing researchers, engineers, and other beginners in bioinformatics who are experiencing difficulty in approaching the field. However, it will also serve as a simple guideline for experts unfamiliar with the new, developing subfield of genomic analysis within bioinformatics.

Whether you're just starting out with Linux or looking to hone your existing skills, this book will provide you with the knowledge you need. For new users, it is an exploration tour and getting started guide, with exercises at the end of each chapter. Advanced trainees can consider it a desktop reference, a collection of the base knowledge needed to tackle system and network administration. To help you work more effectively with Linux, this book contains hundreds of real life examples derived from the author's experience as a Linux system and network administrator, trainer and consultant. These examples will help you to get a better understanding of the Linux system and feel encouraged to try out things on your own.

It's warming. It's us. We're sure. It's bad. But we can fix it. After speaking to the international public for close to fifteen years about sustainability, climate scientist Dr. Nicholas realized that concerned people were getting the wrong message about the climate crisis. Yes, companies and governments are hugely responsible for the mess we're in. But individuals CAN effect real, significant, and lasting change to solve this problem. Nicholas explores finding purpose in a warming world, combining her scientific expertise and her lived, personal experience in a way that seems fresh and deeply urgent: Agonizing over the climate costs of visiting loved ones overseas, how to find low-carbon love on Tinder, and even exploring her complicated family legacy involving supermarket turkeys. In her astonishing book *Under the Sky We Make*, Nicholas does for climate science what Michael Pollan did more than a decade ago for the food on our plate: offering a hopeful, clear-eyed, and somehow also hilarious guide to effecting

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real change, starting in our own lives. Saving ourselves from climate apocalypse will require radical shifts within each of us, to effect real change in our society and culture. But it can be done. It requires, Dr. Nicholas argues, belief in our own agency and value, alongside a deep understanding that no one will ever hand us power--we're going to have to seize it for ourselves.

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