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.

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're 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.

Bestselling author Sherman Alexie tells the story of Junior, a budding cartoonist growing up on the Spokane Indian Reservation. Determined to take his future into his own hands, Junior leaves his troubled school on the rez to attend an all-white farm town high school where the only other Indian is the school mascot. Heartbreaking, funny, and beautifully written, The Absolutely True Diary of a Part-Time Indian, which is based on the author's own experiences, coupled with poignant drawings by Ellen Forney that reflect the character's art, chronicles the contemporary adolescence of one Native American boy as he attempts to break away from the life he was destined to live. With a forward by Markus Zusak, interviews with Sherman Alexie and Ellen Forney, and four-color interior art throughout, this edition is perfect for fans and collectors alike.

Learn to use Unix, OS X, or Linux quickly and easily! In just 24 lessons of one hour or less, Sams Teach Yourself Unix in 24 Hours helps you get up and running with Unix and Unix-based operating systems such as Mac OS X and Linux. Designed for beginners with no previous experience using Unix, this book's straightforward, step-by-step approach makes it easy to learn. Each lesson clearly explains essential Unix tools and techniques from the ground up, helping you to become productive as quickly and efficiently as possible. Step-by-step instructions carefully walk you through the most common Unix tasks. Practical, hands-on examples show you how to apply what you learn. Quizzes and exercises help you test your knowledge and stretch your skills. Notes and tips point out shortcuts and solutions. Learn how to... Pick the command shell that's best for you. Organize the Unix file system (and why). Manage file and directory ownership and permissions. Maximize your productivity with power filters and pipes. Use the vi and emacs editors. Create your own commands and shell scripts. Connect to remote systems using SSH and SFTP. Troubleshoot common problems. List files and manage disk usage. Get started with Unix shell programming. Set up printing in a Unix environment. Archive and back up files. Use Perl as an alternative Unix programming language. Set up, tweak, and make use of the GNOME graphical environment. Contents at a Glance.

HOUR 1: What Is This Unix Stuff? HOUR 2: Getting onto the System and Using the Command Line HOUR 3: Moving About the File System HOUR 4: Listing Files and Managing Disk Usage HOUR 5: Ownership and Permissions HOUR 6: Creating, Moving, Renaming, and Deleting Files and Directories HOUR 7: Looking into Files HOUR 8: Filters, Pipes, and Wildcards HOUR 9: Slicing and Dicing Command-Pipe Data. HOUR 10: An Introduction to the vi Editor HOUR 11: Advanced vi Tricks, Tools, and Techniques HOUR 12: An Overview of the emacs Editor HOUR 13: Introduction to Command Shells HOUR 14: Advanced Shell Interaction HOUR 15: Job Control HOUR 16: Shell Programming Overview HOUR 17: Advanced Shell Programming HOUR 18: Printing in the Unix Environment HOUR 19: Archives and Backups HOUR 20: Using Email to Communicate HOUR 21: Connecting to Remote Systems using SSH and SFTP HOUR 22: Searching for Information and Files HOUR 23: Perl Programming in Unix HOUR 24: GNOME and the GUI Environment Appendix A: Common Unix Questions and Answers. A classic work of American literature that has not stopped changing minds and lives since it burst onto the literary scene, The Things They Carried is a ground-breaking meditation on war, memory, imagination, and the redemptive power of storytelling. The Things They Carried depicts the men of Alpha Company: Jimmy Cross, Henry Dobbins, Rat Kiley, Mitchell Sanders, Norman Bowker, Kiowa, and the character Tim O'Brien, who has survived his tour in Vietnam to become a father and writer at the age of forty-three. Taught everywhere—from high school classrooms to graduate seminars in creative writing—it has become required reading for any American and continues to challenge readers in their perceptions of fact and fiction, war and peace, courage and fear and longing. The Things They Carried won France's prestigious Prix du Meilleur Livre Etranger and the Chicago Tribune Heartland Prize; it was also a finalist for the Pulitzer Prize and the National Book Critics Circle Award.

A Newbery Medal winning modern classic about a racially divided small town and a boy who runs. Jeffrey Lionel "Maniac" Magee might have lived a normal life if a freak accident hadn't made him an orphan. After living with his unhappy and uptight aunt and uncle for eight years, he decides to run--and not just run away, but run. This is where the myth of Maniac Magee begins, as he changes the lives of a racially divided small town with his amazing and legendary feats.
Read Online Wicked Cool Shell Scripts 101 Scripts For Linux Mac Os X And Unix Systems

In the wake of the highly successful Sams Teach Yourself Unix in 24 Hours, this book focuses on the additional Unix commands that an advanced user or beginning system administrator needs to know in order to administer and maintain a Unix system. The book includes coverage of the key Unix variations: Red Hat Linux, Solaris, HP-UX, and Apple's Mac OS X environment. The book will not be a comprehensive solution to all problems facing new system administrators, but instead is a tutorial introduction to the process of learning about and maintaining a running Unix server.

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.

Contains fifty-eight Ruby scripts to solve a variety of problems for system administration, image manipulation, and management of a Website. Ever wished you could spy on your computer with a handy incantation or bewitch your programs to debug themselves - now you can by becoming a Linux wizard! Okay, reading these zines won't actually make you a wizard, but you'll sure feel like one after you learn some neat Linux tricks. With this collected edition of Julia Evans's wildly popular Linux zines, you'll view programming in a way you never have before - now on fancier paper!

Journalist Walls grew up with parents whose ideals and stubborn nonconformity were their curse and their salvation. Rex and Rose Mary and their four children lived like nomads, moving among Southwest desert towns, camping in the mountains. Rex was a charismatic, brilliant man who, when sober, captured his children's imagination, teaching them how to embrace life fearlessly. Rose Mary painted and wrote and couldn't stand the responsibility of providing for her family. When the money ran out, the Walls retreated to the dismal West Virginia mining town Rex had tried to escape. As the dysfunction escalated, the children had to fend for themselves, supporting one another as they found the resources and will to leave home. Yet Walls describes her parents with deep affection in this tale of unconditional love in a family that, despite its profound flaws, gave her the fiery determination to carve out a successful life. -- From publisher description.

Photographs and text presents observations of predatory animals in their natural habitats throughout the year.

William Golding's unforgettable classic of boyhood adventure and the savagery of humanity comes to Penguin Classics in a stunning Graphic Deluxe Edition with a new foreword by Lois Lowry As provocative today as when it was first published in 1954, Lord of the Flies continues to ignite passionate debate with its startling, brutal portrait of human nature. William Golding's compelling story about a group of very ordinary boys marooned on a coral island has been labeled a parable, an allegory, a myth, a morality tale, a parody, a political treatise, and even a vision of the apocalypse. But above all, it has earned its place as one of the indisputable classics of the twentieth century for readers of any age. This Penguin Classics Graphic Deluxe Edition features an array of special features to supplement the novel, including a foreword by Lois Lowry, an introduction by Stephen King, an essay by E. M. Forster, an essay on teaching and reading the novel and suggestions for further exploration by scholar Jennifer Buehler, and an extended note by E. L. Epstein, the publisher of the first American paperback edition of Lord of the Flies. For more than seventy years, Penguin has been the leading publisher of classic literature in the English-speaking world. With more than 1,700 titles, Penguin Classics represents a global bookshelf of the best works throughout history and across genres and disciplines. Readers trust the series to provide authoritative texts enhanced by introductions and notes by distinguished scholars and contemporary authors, as well as up-to-date translations by award-winning translators.

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. This is Linux for those of us who don't mind typing. All Linux users and administrators tend to like the flexibility and speed of Linux administration from the command line in byte-sized chunks, instead of fairly standard graphical user interfaces. Beginning the Linux Command Line is verified against all of the most important Linux distributions, and follows a task-oriented approach which is distribution agnostic. Now this Second Edition of Beginning the Linux Command Line updates to the very latest versions of the Linux Operating System, including the new Btrfs file system and its management, and systemd boot procedure and firewall management with firewalld! Updated to the latest versions of Linux Work with files and directories, including Btrfs! Administer users and security, and deploy firewalld Understand how Linux is organized, to think Linux! Shell scripts are an efficient way to interact with your machine and manage your files and system operations. With just a few lines of code, your computer will do exactly what you want it to do.
But you can also use shell scripts for many other essential (and not-so-essential) tasks. This second edition of Wicked Cool Shell Scripts offers a collection of useful, customizable, and fun shell scripts for solving common problems and personalizing your computing environment. Each chapter contains ready-to-use scripts and explanations of how they work, why you'd want to use them, and suggestions for changing and expanding them. You'll find a mix of classic favorites, like a disk backup utility that keeps your files safe when your system crashes, a password manager, a weather tracker, and several games, as well as 23 brand-new scripts, including: -- ZIP code lookup tool that reports the city and state -- Bitcoin address information retriever -- suite of tools for working with cloud services like Dropbox and iCloud -- for renaming and applying commands to files in bulk -- processing and editing tools Whether you want to save time managing your system or just find new ways to goof off, these scripts are wicked cool!

It's simple: you need to know how to work with the bash shell if you want to get to the heart of Mac OS X, Linux, and other Unix systems. Updated for the most recent version of bash, this concise little book puts all of the essential information about bash at your fingertips. You'll quickly find answers to annoying questions that always come up when you're writing shell scripts -- What characters do you need to quote? How do you get variable substitution to do exactly what you want? How do you use arrays? -- and much more. If you're a user or programmer of any Unix variant, or if you're using bash on Windows, you'll find this pocket reference indispensable. This book covers: Invoking the Shell Syntax Functions Variables Arithmetic Expressions Command History Programmable Completion Job Control Shell Options Command Execution Coprocesses Restricted Shells Built-in Commands

Young Cassie Logan endures humiliation and witnesses the racism of the KKK as they embark on a cross-burning rampage, before she fully understands the importance her family attributes to having land of their own.

This useful book offers 101 fun shell scripts for solving common problems and personalizing the computing environment. Readers will find shell scripts to create an interactive calculator, a spell checker, a disk backup utility, a weather tracker, a web logfile analysis tool, a stock portfolio tracker, and much more. The cookbook style examples are all written in Bourne Shell (sh) syntax; the scripts will run on Linux, Mac OS X, and Unix.


In this Newbery Honor–winning novel, Gary D. Schmidt tells the witty and compelling story of a teenage boy who feels that fate has it in for him, during the school year 1968-69. Seventh grader Holling Hoodhood isn't happy. He is sure his new teacher, Mrs. Baker, hates his guts. Holling's domineering father is obsessed with his business image and disregards his family. Throughout the school year, Holling strives to get a handle on the Shakespeare plays Mrs. Baker assigns him to read on his own time, and to figure out the enigmatic Mrs. Baker. As the Vietnam War turns lives upside down, Holling comes to admire and respect both Shakespeare and Mrs. Baker, who have more to offer him than he imagined. And when his family is on the verge of coming apart, he also discovers his loyalty to his sister, and his ability to stand up to his father when it matters most.

UNIX expert Randal K. Michael guides you through every detail of writing shell scripts to automate specific tasks. Each chapter begins with a typical, everyday UNIX challenge, then shows you how to take basic syntax and turn it into a shell scripting solution. Covering Bash, Bourne, and Korn shell scripting, this updated edition provides complete shell scripts plus detailed descriptions of each part. UNIX programmers and system administrators can tailor these to build tools that monitor for specific system events and situations, building solid UNIX shell scripting skills to solve real-world system administration problems.

Résumé : Whether you want to save time managing your system or just find new ways to goof off, this book offers a collection of useful, customizable, and fun shell scripts for solving common problems and personalizing your computing environment. --

Don't neglect the shell - this book will empower you to use simple commands to perform complex tasks. Whether you're a casual or advanced Linux user, the cookbook approach makes it all so brilliantly accessible and, above all, useful. Overview Master the art of crafting one-liner command sequence to perform text processing, digging data from files, backups to sysadmin tools, and a lot more And if powerful text processing isn't enough, see how to make your scripts interact with the web-services like Twitter, Gmail Explores the possibilities with the shell in a simple and elegant way - you will see how to effectively solve problems in your day to day life In Detail The shell remains one of the most powerful tools on a computer system - yet a large number of users are unaware of how much one can accomplish with it. Using a combination of simple commands, we will see how to solve complex problems in day to day computer usage. Linux Shell Scripting Cookbook, Second Edition will take you through useful real-world recipes designed to make your daily life easy when working with the shell. The book shows the reader how to effectively use the shell to accomplish complex tasks with ease. The book discusses basics of using the shell, general commands and proceeds to show the reader how to use them to perform complex tasks with ease. Starting with the basics of the shell, we will learn simple commands with their usages allowing us to perform operations on files of different kind. The book then proceeds to explain text processing, web interaction and concludes with backups, monitoring and other sysadmin tasks. Linux Shell Scripting Cookbook, Second Edition serves as an excellent guide to solving day to day problems using the shell and few powerful commands together to create solutions. What you will learn from this book Explore a variety of regular usage tasks and how it can be made faster using shell command Write shell scripts that can dig data from web and process it with few lines of code Use different kinds of tools together to create solutions Interact with simple web API from scripts Perform and automate tasks such as automating backups and restore with archiving tools Create and maintain file/folder archives, compression formats and encrypting techniques with shell Set up Ethernet and Wireless LAN with the shell script Monitor different activities on the network using logging techniques Approach This book is
written in a Cookbook style and it offers learning through recipes with examples and illustrations. Each recipe contains step-by-step instructions about everything necessary to execute a particular task. The book is designed so that you can read it from start to end for beginners, or just open up any chapter and start following the recipes as a reference for advanced users. Who this book is written for This book is both for the casual GNU/Linux users who want to do amazing things with the shell, and for advanced users looking for ways to make their lives with the shell more productive. You can start writing scripts and one-liners by simply looking at the similar recipe and its descriptions without any working knowledge of shell scripting or Linux. Intermediate/advanced users as well as system administrators/ developers and programmers can use this book as a reference when they face problems while coding.

#1 NEW YORK TIMES BESTSELLER • ONE OF TIME MAGAZINE'S 100 BEST YA BOOKS OF ALL TIME The extraordinary, beloved novel about the ability of books to feed the soul even in the darkest of times. When Death has a story to tell, you listen. It is 1939. Nazi Germany. The country is holding its breath. Death has never been busier, and will become busier still. Liesel Meminger is a foster girl living outside of Munich, who scratches out a meager existence for herself by stealing when she encounters something she can’t resist—books. With the help of her accordion-playing foster father, she learns to read and shares her stolen books with her neighbors during bombing raids as well as with the Jewish man hidden in her basement. In superbly crafted writing that burns with intensity, award-winning author Markus Zusak, author of I Am the Messenger, has given us one of the most enduring stories of our time. The “kind of book that can be life-changing.” —The New York Times “Deserves a place on the same shelf with The Diary of a Young Girl by Anne Frank.” —USA Today DON'T MISS BRIDGE OF CLAY, MARKUS ZUSAK'S FIRST NOVEL SINCE THE BOOK THIEF.

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 * 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"

Think your Mac is powerful now? Author Dave Taylor shows you how to get even more from your Mac by tapping into Unix, the robust operating system concealed beneath OS X’s beautiful user interface. Mountain Lion puts more than a thousand Unix commands at your fingertips - for finding and managing files, remotely accessing your Mac from other computers, and using a variety of freely downloadable open source applications. Take a friendly tour of the Unix command line and 50 of the most useful utilities, and quickly learn how to gain real control over your Mac. Get your Mac to do exactly what you want, when you want Make changes to your Mac's filesystem and directories Use Unix's find, locate, and grep commands to locate files containing specific information Create unique "super-commands" to perform tasks that you specify Run multiple Unix programs and processes at the same time Install the X Window system and get a quick tour of the best X11 applications Learn how to take even greater advantage of Unix on your Mac

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 4.0 programs through standard programming techniques. Complete bash coverage Teaches bash as a programming language Helps you master bash 4.0 features

Shell Scripting Made Easy If you want to learn how to write shell scripts like a pro, solve real-world problems, or automate repetitive and complex tasks, read on. Hello. My name is Jason Cannon and I'm the author of Linux for Beginners, Python Programming for Beginners, and an instructor to thousands of satisfied students. I started my IT career in the late 1990's as a Unix and Linux System Engineer and I'll be sharing my real-world shell scripting and bash programming experience with you throughout this book. By the end of this book you will be able to create shell scripts with ease. You'll learn how to take tedious and repetitive tasks and turn them into programs that will save you time and simplify your life on Linux, Unix, or MAC systems. Here is what you will get and learn by reading this Shell Scripting book: A step-by-step process of writing shell scripts that solve real-world problems. The #1 thing you must do every time you create a shell script. How to quickly find and fix any shell scripting errors. How to accept input from a user and then make decisions on that input. How to accept input and process command line arguments. What special variables are available, how to use them in your shell scripts, and when to do so. A shell script creation check list -- You'll never have to guess what to include in each of your shell scripts again. Just use this simple check list. A shell script template (boilerplate). Use this format for each of your shell scripts. It shows exactly what to include and where everything goes. Eliminate guesswork! Practice exercises with solutions so you can start using what you learn right away. Real-world examples of shell scripts from my personal collection. A download that contains the scripts used in the book and lessons. You'll be able to look at and experiment with everything you're learning. Learn to Program Using Any Shell Scripting Language What you learn in this book can be applied to any shell, however the focus is on the bash shell and you'll learn some really advanced bash features. Again, whether you're using bash, bourne (sh), KornShell (ksh), C shell (csh), Z shell (zsh), or even the tcsh shell, you'll be able to put what you learn in this book to good use. Perfect for Linux, Unix, Mac and More! Also, you'll be able to use these scripts on any Linux environment including Ubuntu, Debian, Linux Mint, RedHat, Fedora, OpenSUSE, Slackware, Kali Linux and more. You're scripts will even run on other operating systems such as Apple's Mac OS X, Oracle's Solaris, IBM's AIX, HP's HP-UX, FreeBSD, NetBSD, and OpenBSD. Scroll up, click the Buy Now With 1 Click button and get started learning Linux today!

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. Orphaned by the Border Wars, Alina Starkov is taken to become the protegée of the mysterious Darkling, who trains her to join the magical elite in the belief that she is the Sun Summoner, who can destroy the monsters of the Fold. The critically acclaimed, award-winning, modern classic Speak is now a stunning graphic novel. "Speak up for yourself—we want to know what you have to say." From the first moment of her freshman year at Merryweather High, Melinda knows this is a big fat lie, part of the nonsense of high school. She is friendless—an outcast—because she busted an end-of-summer party by calling the cops, so now nobody will talk to her, let alone listen to her. Through her work on an art project, she is finally able to face what really happened that night: She was raped by an upperclassman, a guy who still attends Merryweather and is still a threat to her. With powerful illustrations by Emily Carroll, Laurie Halse Anderson's Speak: The Graphic Novel comes alive for new audiences and fans of the classic novel. This title has Common Core connections. * In-depth, unique coverage of ZSH, one of most modern and powerful of all shells. Also covers Bash, the preferred shell for most serious Linux and Unix users. * Very strong author and tech review team: Co-author Peter Stephenson has been involved in the development of Zsh since the 1990s when he started to write the FAQ. For the last few years, he has served as coordinator of the shell's development. Tech Reviewers: Ed Schaefer is the "Shell Corner" columnist for SysAdmin Magazine and Bart Schaefer is one of the lead developers of Zsh development. * Book is immediately useful, packed with short example and suggestions that the reader can put to use in their shell environment. * Extensive coverage of interactive and advanced shell features, including shell extensions, completion functions, and shortcuts. * Great book for users of all expertise; perennial seller. 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. Part of the Penguin Orange Collection, a limited-run series of twelve influential and beloved American classics in a bold series design offering a modern take on the iconic Penguin paperback Winner of the 2016 AIGA + Design Observer 50 Books | 50 Covers competition For the seventieth anniversary of Penguin Classics, the Penguin Orange Collection celebrates the heritage of Penguin's iconic book design with twelve influential American literary classics representing the breadth and diversity of the Penguin Classics library. These collectible editions are dressed in the iconic orange and white tri-band cover design, first created in 1935, while french flaps, high-quality paper, and striking cover illustrations provide the cutting-edge design treatment that is the signature of Penguin Classics Deluxe Editions today. The Crucible One of the true masterpieces of twentieth-century American theater, The Crucible brilliantly explores the threshold between individual guilt and mass hysteria, personal spite and collective evil. It is a play that is not only relentlessly suspenseful and vastly moving, but that compels readers to fathom their hearts and consciences in ways that only the greatest theatre can. Unlike some operating systems, Linux doesn't try to hide the important bits from you—it gives you full control of your computer. But to truly master Linux, you need to understand its internals, like how the system boots, how networking works, and what the kernel actually does. In this completely revised second edition of the perennial best seller How Linux Works, author Brian Ward makes the concepts behind Linux internals accessible to anyone curious about the inner workings of the operating system. Inside, you'll find the kind of knowledge that normally comes from years of experience doing things the hard way. You'll learn:—How Linux boots, from boot loaders to init implementations (systemd, Upstart, and System V)—How the kernel manages devices, device drivers, and processes—How networking, interfaces, firewalls, and servers work—How development tools work and relate to shared libraries—How to write effective shell scripts You'll also explore the kernel and examine key system tasks inside user space, including system calls, input and output, and filesystems. With its combination of background, theory, real-world examples, and patient explanations, How Linux Works will teach you what you need to know to solve pesky problems and take control of your operating system. Containing 101 fun, interesting, and useful ways to get more out of Java, this title targets developers and system architects who have some basic Java knowledge but may not be familiar with the wide range of libraries available. Copyright: 4a324b1e232ce6ce8d9fa309310a076f