

## Vagrant Up And Running Mitchell Hashimoto

How many times did you hear the excuse "works on my machine"? With Vagrant, this stays in the past. Your environments will be exactly the way you want them to be, targeting specific projects for different needs. As easy as cloning a repository and running "vagrant up." This book covers from basic to advanced concepts on Vagrant, including important ProTips to improve your Vagrant projects and avoid common mistakes. Vagrant Cookbook comes with quick guides to the 3 most used Vagrant provisioners: Puppet, Ansible and Chef. Following the guide, a practical example will show you how to provision a basic web server with Nginx + PHP5-FPM (PHP 5.5+).

Pro Vagrant teaches you how to effectively implement and optimize Vagrant in your everyday work environment. Master the creation and configuration of virtual development environments with an easy-to-use workflow, and focus on automation. Vagrant lowers development environment setup time, increases development/production parity, and makes the "works on my machine" excuse a relic of the past. DevOps is mainstream best practice nowadays, and Vagrant sits firmly in the DevOps toolkit. This book will take you from basic usage and getting started, to provisioning with Shell, Puppet, and Chef. You will see how to use

Vagrant in real-life scenarios, so that you can start to use Vagrant day-to-day in your work. Author Wodimierz Gajda is a Vagrant expert and now brings his experience to you in Pro Vagrant. This is an indispensable book for anyone using Vagrant - add it to your library today.

Among the many configuration management tools available, Ansible has some distinct advantages—it's minimal in nature, you don't need to install anything on your nodes, and it has an easy learning curve. With this updated second edition, you'll learn how to be productive with this tool quickly, whether you're a developer deploying code to production or a system administrator looking for a better automation solution. Authors Lorin Hochstein and René Moser show you how to write playbooks (Ansible's configuration management scripts), manage remote servers, and explore the tool's real power: built-in declarative modules. You'll discover that Ansible has the functionality you need—and the simplicity you desire. Manage Windows machines, and automate network device configuration Manage your fleet from your web browser with Ansible Tower Understand how Ansible differs from other configuration management systems Use the YAML file format to write your own playbooks Work with a complete example to deploy a non-trivial application Deploy applications to Amazon EC2 and other cloud platforms Create Docker images and deploy Docker containers with Ansible This

book is best read start to finish, with later chapters building on earlier ones. Because it's written in a tutorial style, you can follow along on your own machine. Most examples focus on web applications.

If you are a software developer or administrator who wishes to create simple, reusable environments using Vagrant, this book is the perfect choice for you. Whether you are a system administrator with extensive experience in virtualization or a developer wishing to create development scripts for cloud deployment, you will find easy-to-follow recipes and techniques in this book that will allow you to create robust and reproducible virtual environments.

Second edition of this guide for students studying contemporary British writing - written by one of the key academics in the field of modern fiction studies.

Best known for his 1980s hit songs "Super Freak," "Give it to Me Baby," and "Mary Jane," the late singer and funk music pioneer Rick James collaborated with acclaimed music biographer David Ritz in this posthumously published, no-holds-barred memoir of a rock star's life and soul. He was the nephew of Temptations singer Melvin Franklin; a boy who watched and listened, mesmerized from underneath cocktail tables at the shows of Etta James and Miles Davis. He was a vagrant hippie who wandered to Toronto, where he ended up playing with Neil Young and Joni Mitchell, and he became a household name

in the 1980s with his hit song “Super Freak.” Later in life, he was a bad boy who got caught up in drug smuggling and ended up in prison. But since his passing in August 2004, Rick James has remained a legendary icon whose name is nearly synonymous with funk music—and who popularized the genre, creating a lasting influence on pop artists from Prince to Jay-Z to Snoop Dogg, among countless others. In *Glow*, Rick James and acclaimed music biographer David Ritz collaborated to write a no-holds-barred memoir about the boy and the man who became a music superstar in America’s disco age. It tells of James’s upbringing and how his mother introduced him to musical geniuses of the time. And it reveals details on many universally revered artists, from Marvin Gaye and Prince to Nash, Teena Marie, and Berry Gordy. James himself said, “My journey has taken me through hell and back. It’s all in my music—the parties, the pain, the oversized ego, the insane obsessions.” But despite his bad boy behavior, James was a tremendous talent and a unique, unforgettable human being. His “glow” was an overriding quality that one of his mentors saw in him—and one that will stay with this legendary figure who left an indelible mark on American popular music.

Step into Paris as you have never seen it before. . . SHORTLISTED FOR THE HAYES & JARVIS FICTION WITH A SENSE OF PLACE, 2018 EDWARD

STANFORD TRAVEL WRITING AWARD 'An engaging debut that throws light on a hidden side of Paris' Woman and Home 'A sensitive, necessary, brave book.' Laura Barnett, author of The Versions of Us What building doesn't have secrets? How much does anyone know of what goes on behind their neighbour's doors? On a hot June day, grief-stricken Edward arrives in Paris hoping that a stay in a friend's empty apartment will help him mend. But this is not the Paris he knows: there are no landmarks or grand boulevards, and the apartment he was promised is little more than an attic room. In the apartments below him, his new neighbours fill their flats with secrets. A young mother is on the brink, a bookshop owner buries her past, and a banker takes up a dark and malicious new calling. Before he knows it, Edward will find himself entangled in their web, and as the summer heat intensifies so do tensions within and without the building, leading to a city-wide wave of violence, and a reckoning within the walls of number 37. With a sultry heat to rival A Year in Provence and all the sharp perception of Leila Slimani's Lullaby, These Dividing Walls is a beautifully written and eye-opening novel about the Paris we don't see. 'It'll open your heart and mind. It certainly did mine' The Pool 'An unforgettable and unexpected portrait of Paris' Hannah Rothschild \*\*\*\*\* What readers have said about These Dividing Walls: 'Totally engrossing - it was a magical pleasure to lose myself in these people's

world each night' 'The quality of the writing in These Dividing Walls is never short of exquisite' 'This is an outstanding debut novel from an author to watch' 'A delightful glimpse into the lives of a group of people one hot and fearful summer'

Over 90 practical, actionable recipes to automate, test, and manage your infrastructure quickly and effectively About This Book Bring down your delivery timeline from days to hours by treating your server configurations and VMs as code, just like you would with software code. Take your existing knowledge and skill set with your existing tools (Puppet, Chef, or Docker) to the next level and solve IT infrastructure challenges. Use practical recipes to use code to provision and deploy servers and applications and have greater control of your infrastructure. Who This Book Is For This book is for DevOps engineers and developers working in cross-functional teams or operations and would now switch to IAC to manage complex infrastructures. What You Will Learn Provision local and remote development environments with Vagrant Automate production infrastructures with Terraform, Ansible and Cloud-init on AWS, OpenStack, Google Cloud, Digital Ocean, and more Manage and test automated systems using Chef and Puppet Build, ship, and debug optimized Docker containers Explore the best practices to automate and test everything from cloud infrastructures to operating system configuration In Detail Infrastructure as Code

(IAC) is a key aspect of the DevOps movement, and this book will show you how to transform the way you work with your infrastructure—by treating it as software. This book is dedicated to helping you discover the essentials of infrastructure automation and its related practices; the over 90 organized practical solutions will demonstrate how to work with some of the very best tools and cloud solutions. You will learn how to deploy repeatable infrastructures and services on AWS, OpenStack, Google Cloud, and Digital Ocean. You will see both Ansible and Terraform in action, manipulate the best bits from cloud-init to easily bootstrap instances, and simulate consistent environments locally or remotely using Vagrant. You will discover how to automate and test a range of system tasks using Chef or Puppet. You will also build, test, and debug various Docker containers having developers' interests in mind. This book will help you to use the right tools, techniques, and approaches to deliver working solutions for today's modern infrastructure challenges. Style and approach This is a recipe-based book that allows you to venture into some of the most cutting-edge practices and techniques about IAC and solve immediate problems when trying to implement them.

Among the many configuration management tools available, Ansible has some distinct advantages—it's minimal in nature, you don't need to install anything on your nodes,

and it has an easy learning curve. This practical guide shows you how to be productive with this tool quickly, whether you're a developer deploying code to production or a system administrator looking for a better automation solution. Author Lorin Hochstein shows you how to write playbooks (Ansible's configuration management scripts), manage remote servers, and explore the tool's real power: built-in declarative modules. You'll discover that Ansible has the functionality you need and the simplicity you desire. Understand how Ansible differs from other configuration management systems

Use the YAML file format to write your own playbooks Learn Ansible's support for variables and facts Work with a complete example to deploy a non-trivial application Use roles to simplify and reuse playbooks Make playbooks run faster with ssh multiplexing, pipelining, and parallelism Deploy applications to Amazon EC2 and other cloud platforms Use Ansible to create Docker images and deploy Docker containers Discover how to manage and scale your infrastructure using Infrastructure as Code (IaC) with Terraform Key Features Get up and running with the latest version of Terraform, v0.13 Design and manage infrastructure that can be shared, tested, modified, provisioned, and deployed Work through practical recipes to achieve zero-downtime deployment and scale your infrastructure effectively Book Description HashiCorp Configuration Language (HCL) has changed how we define and provision a data center infrastructure with the launch of Terraform—one of the most popular and powerful products for building Infrastructure as Code. This practical guide will show you

how to leverage HashiCorp's Terraform tool to manage a complex infrastructure with ease. Starting with recipes for setting up the environment, this book will gradually guide you in configuring, provisioning, collaborating, and building a multi-environment architecture. Unlike other books, you'll also be able to explore recipes with real-world examples to provision your Azure infrastructure with Terraform. Once you've covered topics such as Azure Template, Azure CLI, Terraform configuration, and Terragrunt, you'll delve into manual and automated testing with Terraform configurations. The next set of chapters will show you how to manage a balanced and efficient infrastructure and create reusable infrastructure with Terraform modules. Finally, you'll explore the latest DevOps trends such as continuous integration and continuous delivery (CI/CD) and zero-downtime deployments. By the end of this book, you'll have developed the skills you need to get the most value out of Terraform and manage your infrastructure effectively. What you will learn Understand how to install Terraform for local development Get to grips with writing Terraform configuration for infrastructure provisioning Use Terraform for advanced infrastructure use cases Understand how to write and use Terraform modules Discover how to use Terraform for Azure infrastructure provisioning Become well-versed in testing Terraform configuration Execute Terraform configuration in CI/CD pipelines Explore how to use Terraform Cloud Who this book is for This book is for developers, operators, and DevOps engineers looking to improve their workflow and use Infrastructure as Code. Experience

with Microsoft Azure, Jenkins, shell scripting, and DevOps practices is required to get the most out of this Terraform book.

Monitor your Docker containers and their apps using various native and third-party tools with the help of this exclusive guide! About This Book Get the only book that covers multiple methods to monitoring Docker Containers -your one-stop solution to all your Docker monitoring needs Learn how to implement third-party tools such as Datalog, cAdvisor, and more with this example-rich, hands-on guide Learn how to efficiently monitor Docker containers and get an edge over other administrators while maintaining apps on these containers Who This Book Is For This book is for DevOps engineers and system administrators who manage Docker containers and want to better manage these containers using expert techniques and methods and better maintain applications built on Docker. What You Will Learn Discover the tools built into Docker to gain an insight into your containers' performance Augment Docker's built-in tools with modern tools such as cAdvisor from Google, SysDig by Draios, and Soundcloud's Prometheus Integrate the monitoring of your containers with more traditional monitoring solutions such as Zabbix Take advantage of the various SaaS offerings from third parties to move monitoring away from your local infrastructure and into the cloud Discover the various ways to ship your applications' logs from the container to a central logging service Get the most out of your application and resources with the right implementation of your monitoring method In Detail This book will show you how

monitoring containers and keeping a keen eye on the working of applications helps improve the overall performance of the applications that run on Docker. With the increased adoption of Docker containers, the need to monitor which containers are running, what resources they are consuming, and how these factors affect the overall performance of the system has become the need of the moment. This book covers monitoring containers using Docker's native monitoring functions, various plugins, as well as third-party tools that help in monitoring. We'll start with how to obtain detailed stats for active containers, resources consumed, and container behavior. We also show you how to use these stats to improve the overall performance of the system. Next, you will learn how to use SysDig to both view your containers performance metrics in real time and record sessions to query later. By the end of this book, you will have a complete knowledge of how to implement monitoring for your containerized applications and make the most of the metrics you are collecting. Style and approach This is an easy-to-follow guide with plenty of hands-on examples that can be executed both on your local machine and externally hosted services.

Graphic memoir about the career of Stan Lee, the American comic book writer, editor, publisher, and former president and chairman of Marvel Comics.

From the Newbery Award-winning author of *Across Five Aprils* and *Up a Road Slowly* comes a tale of a brave young man's struggle to find his own strength during the Great Depression. "A powerfully moving story."—Chicago Daily News In 1932, American's

dreams were simple: a job, food to eat, a place to sleep, and shoes without holes. But for millions of people these simple needs were nothing more than dreams. At fifteen years of age, Josh has to make his own way through a country of angry and frightened people. This is the story of a young man's struggle to find a life for himself in the most turbulent of times.

Use Vagrant to easily build complete development environments Key Features Implement DevOps with Vagrant effectively Integrate Vagrant with different tools such as Puppet, Chef, and Docker Manage infrastructure with a practical approach Book Description Hands-On DevOps with Vagrant teaches you how to use Vagrant as a powerful DevOps tool and gives an overview of how it fits into the DevOps landscape. You will learn how to install VirtualBox and Vagrant in Windows, macOS, and Linux. You will then move on to understanding Vagrant commands, discovering its boxes and Vagrant Cloud. After getting to grips with the basics, the next set of chapters helps you to understand how to configure Vagrant, along with networking. You will explore multimachine, followed by studying how to create multiple environments and the communication between them. In addition to this, you will cover concepts such as Vagrant plugins and file syncing. The last set of chapters provides insights into provisioning shell scripts, also guiding you in how to use Vagrant with configuration management tools such as Chef, Ansible, Docker, Puppet, and Salt. By the end of this book, you will have grasped Vagrant's features and how to use them for your benefit

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with the help of tips and tricks. What you will learn Explore what development features Vagrant offers Install Vagrant and VirtualBox on Windows, macOS and Linux Harness the power of Vagrant to create powerful development environments Utilize DevOps tools such as Docker, Chef, and Puppet Understand everything about Vagrant, including networking, plugins, and provisioning Use the Vagrant Cloud to install and manage Vagrant boxes Who this book is for Hands-On DevOps with Vagrant is for you if you are a system administrator, DevOps engineer, DevOps architect, or any stakeholder working with DevOps and wanting to explore Vagrant. Experience in system administration is needed to enjoy this book.

Finding the perfect hideout in Club Dominion, former heiress Callie Ward, who was accused of a crime she didn't commit, must decide which of her lovers—the club's master, Mitchell Thorpe and her new client, Sean Kirkpatrick—she trusts more to elude a killer. Original. 100,000 first printing.

The beloved Pulitzer Prize-winning novel, basis of the film starring Jack Nicholson and Meryl Streep. Francis Phelan, ex-big-leaguer, part-time gravedigger, full-time bum with the gift of gab, is back in town. He left Albany twenty-two years earlier after he dropped his infant son accidentally, and the boy died. Now he's on the way back to the wife and home he abandoned, haunted at every corner by the ghosts of his violent life. Francis; his wino ladyfriend of nine years, Helen; and his stumblebum pal, Rudy, shuffle their ragtag way through the city's bleakest streets, surviving on gumption, muscatel, and

black wit. estiny is not their business. 'The premise of Ironweed was so unpromising, that in marketing terms the writer still to this day finds it funny: the story of a bunch of itinerant alcoholics, knocking around Kennedy's hometown, falling out, having visions, trying to pass for sober to cadge a bed for the night in the homeless shelter.' Guardian 'But for all the rich variety of prose and event, from hallucination to bedrock realism to slapstick and to blessed quotidian peace, "Ironweed" is more austere than its predecessors. It is more fierce, but also more forgiving.' Quoted from the classic New York Times review of Ironweed, which made it an overnight sensation.

Written for developers who want build applications using Twisted, this book presents a task-oriented look at this open source, Python- based technology.

This novel of a Mississippi family in the 1920s “presents the essence of the Deep South and does it with infinite finesse” (The Christian Science Monitor). From one of the most treasured American writers, winner of a National Book Award and Pulitzer Prize, comes Delta Wedding, a vivid and charming portrait of Southern life. Set in 1923, the story is centered on the Fairchilds, a big and clamorous family, who live on a plantation in the Mississippi delta. They are in the midst of planning their daughter’s wedding when a nine-year-old relative, Laura McRaven, whose mother has just died, comes to visit. Drama leads to drama, revelation to revelation, in a novel that is “nothing short of wonderful” (The New Yorker). The result is a sometimes-riotous view of a Southern family, and the parentless child who learns to become one of them.

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Introductory book designed for SysAdmins, Operations staff, Developers and DevOps who are interested in building images using the open source tool Packer.

Learn the art of efficient web scraping and crawling with Python About This Book Extract data from any source to perform real time analytics. Full of techniques and examples to help you crawl websites and extract data within hours. A hands-on guide to web scraping and crawling with real-life problems and solutions Who This Book Is For If you are a software developer, data scientist, NLP or machine-learning enthusiast or just need to migrate your company's wiki from a legacy platform, then this book is for you. It is perfect for someone , who needs instant access to large amounts of semi-structured data effortlessly. What You Will Learn Understand HTML pages and write XPath to extract the data you need Write Scrapy spiders with simple Python and do web crawls Push your data into any database, search engine or analytics system Configure your spider to download files, images and use proxies Create efficient pipelines that shape data in precisely the form you want Use Twisted Asynchronous API to process hundreds of items concurrently Make your crawler super-fast by learning how to tune Scrapy's performance Perform large scale distributed crawls with scrapyd and scrapinghub In Detail This book covers the long awaited Scrapy v 1.0 that empowers you to extract useful data from virtually any source with very little effort. It starts off by explaining the fundamentals of Scrapy framework, followed by a thorough description of how to extract data from any source, clean it up, shape it as per your requirement using

Python and 3rd party APIs. Next you will be familiarised with the process of storing the scrapped data in databases as well as search engines and performing real time analytics on them with Spark Streaming. By the end of this book, you will perfect the art of scarping data for your applications with ease Style and approach It is a hands on guide, with first few chapters written as a tutorial, aiming to motivate you and get you started quickly. As the book progresses, more advanced features are explained with real world examples that can be reffered while developing your own web applications. By the New York Times bestselling author of The Bone Clocks and Cloud Atlas | Longlisted for the Man Booker Prize Selected by Time as One of the Ten Best Books of the Year | A New York Times Notable Book | Named One of the Best Books of the Year by The Washington Post Book World, The Christian Science Monitor, Rocky Mountain News, and Kirkus Reviews | A Los Angeles Times Book Prize Finalist | Winner of the ALA Alex Award | Finalist for the Costa Novel Award From award-winning writer David Mitchell comes a sinewy, meditative novel of boyhood on the cusp of adulthood and the old on the cusp of the new. Black Swan Green tracks a single year in what is, for thirteen-year-old Jason Taylor, the sleepest village in muddiest Worcestershire in a dying Cold War England, 1982. But the thirteen chapters, each a short story in its own right, create an exquisitely observed world that is anything but sleepy. A world of Kissingeresque realpolitik enacted in boys' games on a frozen lake; of "nightcreeping" through the summer backyards of strangers; of the tabloid-fueled thrills of the Falklands

War and its human toll; of the cruel, luscious Dawn Madden and her power-hungry boyfriend, Ross Wilcox; of a certain Madame Eva van Outryve de Crommelynck, an elderly bohemian emigré who is both more and less than she appears; of Jason's search to replace his dead grandfather's irreplaceable smashed watch before the crime is discovered; of first cigarettes, first kisses, first Duran Duran LPs, and first deaths; of Margaret Thatcher's recession; of Gypsies camping in the woods and the hysteria they inspire; and, even closer to home, of a slow-motion divorce in four seasons. Pointed, funny, profound, left-field, elegiac, and painted with the stuff of life, *Black Swan Green* is David Mitchell's subtlest and most effective achievement to date. Praise for *Black Swan Green* "[David Mitchell has created] one of the most endearing, smart, and funny young narrators ever to rise up from the pages of a novel. . . . The always fresh and brilliant writing will carry readers back to their own childhoods. . . . This enchanting novel makes us remember exactly what it was like."—The Boston Globe "[David Mitchell is a] prodigiously daring and imaginative young writer. . . . As in the works of Thomas Pynchon and Herman Melville, one feels the roof of the narrative lifted off and oneself in thrall."—Time

This book covers the V1 (1.0x) configuration syntax running on top of a V2 (1.1+) core, the most stable configuration format running on the latest core."--Page 4 of cover.

Carlyn Kearney has spent two lonely years not knowing whether to mourn or to hope after she receives word from the Union Army that her husband is missing. The war

ends without further word. Now penniless, in debt, and forced from her home, Carlyn seeks refuge at the Shaker village of Harmony Hill, only to discover that they will not allow her to keep her beloved dog, an animal that has been her faithful companion since her husband went off to war. Sheriff Mitchell Brodie has pity on the lovely young woman and agrees to take the dog. Carlyn is just settling into life as a sister in the Shaker village when she receives a devastating letter confirming her worst fears. As she wrestles with whether to commit herself fully to the Shaker life, mysterious deaths begin to occur, and Carlyn comes under suspicion. Can Sheriff Mitchell help her expose the true culprit? Bestselling author Ann H. Gabhart invites fans back to Harmony Hill for a story laced with intrigue, romance, and heart.

This is a practical, hands-on guide that will help you set up and implement virtual development environments with Vagrant easily and effortlessly. "Creating Development Environments with Vagrant" is for Vagrant developers, programmers, and coders who want to maintain multiple projects within their own environment. It is also aimed at companies who are looking to deploy ready-to-go development solutions for new staff or even existing staff moving to new projects, and to enforce a consistent and portable virtual development environment that is easy to create and quick to set up.

Vagrant: Up and Running"O'Reilly Media, Inc."

If you're a system administrator, developer, or site reliability engineer responsible for handling hundreds or even thousands of nodes in your network, the Puppet

configuration management tool will make your job a whole lot easier. This practical guide shows you what Puppet does, how it works, and how it can provide significant value to your organization. Through hands-on tutorials, DevOps engineer Jo Rnett demonstrates how Puppet manages complex and distributed components to ensure service availability. You'll learn how to secure configuration consistency across servers, clients, your router, and even that computer in your pocket by setting up your own testing environment. Learn exactly what Puppet is, why it was created, and what problems it solves Tailor Puppet to your infrastructure with a design that meets your specific needs Write declarative Puppet policies to produce consistency in your systems Build, test, and publish your own Puppet modules Manage network devices such as routers and switches with puppet device and integrated Puppet agents Scale Puppet servers for high availability and performance Explore web dashboards and orchestration tools that supplement and complement Puppet

“A blistering plot and crisp writing make *The Night Swim* an unputdownable read.” –Sarah Pekkanen, bestselling author of *The Wife Between Us* In *The Night Swim*, a new thriller from Megan Goldin, author of the “gripping and unforgettable” (*Harlan Coben*) *The Escape Room*, a true crime podcast host covering a controversial trial finds herself drawn deep into a small town’s dark

past and a brutal crime that took place there years before. Ever since her true-crime podcast became an overnight sensation and set an innocent man free, Rachel Krall has become a household name—and the last hope for people seeking justice. But she’s used to being recognized for her voice, not her face. Which makes it all the more unsettling when she finds a note on her car windshield, addressed to her, begging for help. The new season of Rachel's podcast has brought her to a small town being torn apart by a devastating rape trial. A local golden boy, a swimmer destined for Olympic greatness, has been accused of raping the beloved granddaughter of the police chief. Under pressure to make Season 3 a success, Rachel throws herself into her investigation—but the mysterious letters keep coming. Someone is following her, and she won’t stop until Rachel finds out what happened to her sister twenty-five years ago. Officially, Jenny Stills tragically drowned, but the letters insist she was murdered—and when Rachel starts asking questions, nobody in town wants to answer. The past and present start to collide as Rachel uncovers startling connections between the two cases—and a revelation that will change the course of the trial and the lives of everyone involved. Electrifying and propulsive, *The Night Swim* asks: What is the price of a reputation? Can a small town ever right the wrongs of its past? And what really happened to Jenny?

Whether you're deploying applications on premise or in the cloud, this cookbook provides developers, operators, and IT professionals with more than 130 proven recipes for working with Docker. With these practical solutions, experienced developers with no previous knowledge of Docker will be able to package and deploy distributed applications within a couple of chapters. IT professionals will be able to solve everyday problems, as well as create, run, share, and deploy Docker images. Operators will quickly be able to adopt the tools that will change the way they work. The recipes in this book will help you: Manage containers, mount data volumes, and link containers Create and share container images Network containers across single or multiple hosts Tackle advanced topics such as Docker configuration and development Deploy multi-container applications on a distributed cluster with Kubernetes Use a new generation of operating systems optimized for Docker Learn tools for application deployment, continuous integration, service discovery, and orchestration Access a Docker host on Amazon AWS, Google GCE, and Microsoft Azure Monitor containers and explore different application use cases

For many users, working in the Unix environment means using vi, a full-screen text editor available on most Unix systems. Even those who know vi often make use of only a small number of its features. Learning the vi Editor is a complete

guide to text editing with vi. Topics new to the sixth edition include multiscreen editing and coverage of four clones: vim, elvis, nvi, and vile and their enhancements to vi, such as multi-window editing, GUI interfaces, extended regular expressions, and enhancements for programmers. A new appendix describes vi's place in the Unix and Internet cultures. Quickly learn the basics of editing, cursor movement, and global search and replacement. Then take advantage of the more subtle power of vi. Extend your editing skills by learning to use ex, a powerful line editor, from within vi. For easy reference, the sixth edition also includes a command summary at the end of each appropriate chapter. Topics covered include: Basic editing Moving around in a hurry Beyond the basics Greater power with ex Global search and replacement Customizing vi and ex Command shortcuts Introduction to the clones' extensions Then vi, elvis, vim, and vile editors Quick reference to vi and ex commands vi and the Internet

A distinguished former foreign correspondent embraces retirement by setting out alone on foot for nearly four hundred miles, and explores a side of America nearly as exotic as the locales from which he once filed. Traveling with an unwieldy pack and a keen curiosity, Christopher Wren bids farewell to the New York Times newsroom in midtown Manhattan and saunters up Broadway, through Harlem, the Bronx, and the affluent New York suburbs of Westchester

and Putnam Counties. As his trek takes him into the Housatonic River Valley of Connecticut, the Berkshires of Massachusetts, the Green Mountains of Vermont, and along a bucolic riverbank in New Hampshire, the strenuous challenges become as much emotional as physical. Wren loses his way in a suburban thicket of million-dollar mansions, dodges speeding motorists, seeks serenity at a convent, shivers through a rainy night among Shaker ruins, camps in a stranger's backyard, panhandles cookies and water from a good samaritan, absorbs the lore of the Appalachian and Long Trails, sweats up and down mountains, and lands in a hospital emergency room. Struggling under the weight of a fifty-pound pack, he gripes, "We might grow less addicted to stuff if everything we bought had to be carried on our backs." He hangs out with fellow wanderers named Old Rabbit, Flash, Gatorman, Stray Dog, and Buzzard, and learns gratitude from the anonymous charity of trail angels. His rite of passage into retirement, with its heat and dust and blisters galore, evokes vivid reminiscences of earlier risks taken, sometimes at gunpoint, during his years spent reporting from Russia, China, the Middle East, Southeast Asia, South America, and Africa. He loses track of time, waking with the sun, stopping to eat when hunger gnaws, and camping under starry skies that transform the nights of solitude. For all the self-inflicted hardship, he reports, "In fact, I felt pretty good." Wren has woven an intensely personal

story that is candid and often downright hilarious. As Vermont turns from a destination into a state of mind, he concludes, "I had stumbled upon the secret of how utterly irrelevant chronological age is." This book, from the author of the acclaimed bestseller *The Cat Who Covered the World*, will delight not just hikers, walkers, and other lovers of the outdoors, but also anyone who contemplates retirement, wonders about foreign correspondents, or relishes a lively, off-beat adventure, even when it unfolds close to home.

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.

In this brilliant work, the most influential philosopher since Sartre suggests that such vaunted reforms as the abolition of torture and the emergence of the modern penitentiary have merely shifted the focus of punishment from the prisoner's body to his soul.

DevOps represents a powerful new approach to delivering IT services, where software developers and IT operations teams work closely together to deploy projects far more often and more reliably. As pioneers like Google, Amazon, and Netflix have discovered, DevOps can improve efficiency, accelerate delivery, and reduce costs. However, most discussions of DevOps focus on theory rather than implementation, and DevOps raises unique issues in virtualized environments. DevOps for VMware Administrators addresses these issues, offering realistic insights both for implementing DevOps and for applying new tools to maximize its value. The authors also offer extensive hands-on practice with solving realistic problems and improving IT efficiency by utilizing these four tools: Puppet IT automation software for managing infrastructure across its lifecycle, including provisioning, configuration, orchestration, and reporting Chef configuration management tool for writing system configuration "recipes" that streamline server configuration and maintenance and can integrate with cloud-based platforms such as Rackspace and Amazon EC2 to automate provisioning Ansible, the flexible open source toolkit for automating configuration management and orchestration in Unix and Unix-style environments Windows PowerShell for automating tasks and

configuration management in Windows environments

Summary CORS in Action introduces Cross-Origin Resource Sharing (CORS) from both the server and the client perspective. It starts with the basics: how to make CORS requests and how to implement CORS on the server. It then explores key details such as performance, debugging, and security. API authors will learn how CORS opens their APIs to a wider range of users. JavaScript developers will find valuable techniques for building rich web apps that can take advantage of APIs hosted anywhere. The techniques described in this book are especially applicable to mobile environments, where browsers are guaranteed to support CORS. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Book Suppose you need to share some JSON data with another application or service. If everything is hosted on one domain, it's a snap. But if the data is on another domain, the browser's "same-origin" policy stops you cold. CORS is a new web standard that enables safe cross-domain access without complex server-side code. Mastering CORS makes it possible for web and mobile applications to share data simply and securely. CORS in Action introduces CORS from both the server and the client perspective. It starts with making and enabling CORS requests and then explores performance, debugging, and security. You'll learn to build apps that can take advantage of APIs hosted anywhere and how to write APIs that expand your products to a wider range of users. For web developers comfortable with JavaScript. No experience with CORS is

assumed. What's Inside CORS from the ground up Serving and consuming cross-domain data Best practices for building CORS APIs When to use CORS alternatives like JSON-P and proxies About the Author Monsur Hossain is an engineer at Google who has worked on API-related projects such as the Google JavaScript Client, the APIs Discovery Service, and CORS support for Google APIs. Table of Contents PART 1 INTRODUCING CORS The Core of CORS Making CORS requests PART 2 CORS ON THE SERVER Handling CORS requests Handling preflight requests Cookies and response headers Best practices PART 3 DEBUGGING CORS REQUESTS Debugging CORS requests APPENDIXES CORS reference Configuring your environment What is CSRF? Other cross-origin techniques

Implement a SOHO or SMB Linux infrastructure to expand your business and associated IT capabilities. Backed by the expertise and experienced guidance of the authors, this book provides everything you need to move your business forward. Pro Linux System Administration makes it easy for small- to medium-sized businesses to enter the world of zero-cost software running on Linux and covers all the distros you might want to use, including Red Hat, Ubuntu, Debian, and CentOS. Pro Linux System Administration takes a layered, component-based approach to open source business systems, while training system administrators as the builders of business infrastructure. Completely updated for this second edition, Dennis Matotek takes you through an infrastructure-as-code approach, seamlessly taking you through steps along the journey

of Linux administration with all you need to master complex systems. This edition now includes Jenkins, Ansible, Logstash and more. What You'll Learn: Understand Linux architecture Build, back up, and recover Linux servers Create basic networks and network services with Linux Build and implement Linux infrastructure and services including mail, web, databases, and file and print Implement Linux security Resolve Linux performance and capacity planning issues Who This Book Is For: Small to medium-sized business owners looking to run their own IT, system administrators considering migrating to Linux, and IT systems integrators looking for an extensible Linux infrastructure management approach.

As a Java programmer, how can you tackle the disruptive client-server approach to web development? With this comprehensive guide, you'll learn how today's client-side technologies and web APIs work with various Java tools. Author Casimir Saternos provides the big picture of client-server development, and then takes you through many practical client-server architectures. You'll work with hands-on projects in several chapters to get a feel for the topics discussed. User habits, technologies, and development methods have drastically altered web app design in recent years. But the Web itself hasn't changed. This book shows you how to build apps that conform to the web's underlying architecture. Learn the advantages of using separate client and server tiers, including code organization and speedy prototyping Explore the major tools, frameworks, and starter projects used in JavaScript development Dive into web



