

Jenkins 2 Up And Running Evolve Your Deployment P

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[Java Testing with Spock](#) Harper Collins

Dive deep into Jenkins Blue Ocean and discover how easy creating a pipeline can be. You'll see how Blue Ocean provides a better user experience when designing, running, and visualizing pipelines. This book shows you its intuitive user interface and its powerful pipeline editor and how this makes it a tool for everyone. Beginning Jenkins Blue Ocean starts with an introduction to Blue Ocean, followed by a step-by-step guide on how to set it up. You'll learn how to create a pipeline for every branch and pull request on your Git, GitHub, and GitLab repositories. You'll experience the improved pipeline visualization and log diagnosis features in Blue Ocean. Later you will go beyond the visual pipeline editor to learn the declarative syntax and gain better control over your pipelines. Then, you'll take a look at some tools to enable you to write pipeline code in the declarative syntax. You will also learn to extend delivery pipelines with Jenkins shared libraries. What You Will Learn Discover Jenkins Blue Ocean and how to use it Create elegant pipelines using the visual pipeline editor Work with the declarative pipeline syntax Use tools that help you write declarative pipeline code Extend pipelines with Jenkins shared libraries Visualize pipelines from classic Jenkins in Blue Ocean Configure and view test results in Blue Ocean Accurately diagnose pipeline failures using improved pipeline visualization Create multibranch pipeline projects for your Git, GitHub, and GitLab repositories Who This Book Is For Those new to Jenkins who are looking for an easy introduction. The book will also be useful for readers familiar with classic Jenkins and would like to learn Jenkins Blue Ocean.

The Girls in the Water Packt Publishing Ltd

A beginner's guide to implementing Continuous Integration and Continuous Delivery using Jenkins About This Book Speed up and increase software productivity and software delivery using Jenkins Automate your build, integration, release, and deployment processes with Jenkins—and learn how continuous integration (CI) can save you time and money Explore the power of continuous delivery using Jenkins through powerful real-life examples Who This Book Is For This book is for anyone who wants to exploit the power of Jenkins. This book serves a great starting point for those who are in the field DevOps and would like to leverage the benefits of CI and continuous delivery in order to increase productivity and reduce delivery time. What You Will Learn Take advantage of a continuous delivery solution to achieve faster software delivery Speed up productivity using a continuous Integration solution through Jenkins Understand the concepts of CI and continuous delivery Orchestrate many DevOps tools using Jenkins to automate builds, releases, deployment, and testing Explore the various features of Jenkins that make DevOps activities a piece of cake Configure multiple build machines in Jenkins to maintain load balancing Manage users, projects, and permissions in Jenkins to ensure better security Leverage the power of plugins in Jenkins In Detail In past few years, Agile software development has seen tremendous growth across the world. There is huge demand for software delivery solutions that are fast yet flexible to frequent amendments. As a result, CI and continuous delivery methodologies are gaining popularity. Jenkins' core functionality and flexibility allows it to fit in a variety of environments and can help streamline the development process for all stakeholders. This book starts off by explaining the concepts of CI and its significance in the Agile world with a whole chapter dedicated to it. Next, you'll learn to configure and set up Jenkins. You'll gain a foothold in implementing CI and continuous delivery methods. We dive into the various features offered by Jenkins one by one exploiting them for CI. After that, you'll find out how to use the built-in pipeline feature of Jenkins. You'll see how to integrate Jenkins with code analysis tools and test automation tools in order to achieve continuous delivery. Next, you'll be introduced to continuous deployment and learn to achieve it using Jenkins. Through this book's wealth of best practices and real-world tips, you'll discover how easy it is to implement a CI service with Jenkins. Style and approach This is a step-by-step guide to setting up a CI and continuous delivery system loaded with hands-on examples [Extraordinary Conditions](#) John Wiley & Sons #1 NEW YORK TIMES BESTSELLER • "An epic adventure about a female athlete perhaps past her prime, brought back to the tennis court for one last grand slam" (Elle), from the author of *Malibu Rising*, *Daisy Jones & The Six*, and *The Seven Husbands of Evelyn Hugo* "The perfect novel to close out your summer."—The Washington Post "Gorgeous. The kind of sharp, smart, potent book you have to set aside every few pages just to catch your breath. I'll take a piece of Carrie Soto

forward with me in life and be a little better for it."—Emily Henry, author of *Book Lovers* and *Beach Read* Carrie Soto is fierce, and her determination to win at any cost has not made her popular. But by the time she retires from tennis, she is the best player the world has ever seen. She has shattered every record and claimed twenty Grand Slam titles. And if you ask Carrie, she is entitled to every one. She sacrificed nearly everything to become the best, with her father, Javier, as her coach. A former champion himself, Javier has trained her since the age of two. But six years after her retirement, Carrie finds herself sitting in the stands of the 1994 US Open, watching her record be taken from her by a brutal, stunning player named Nicki Chan. At thirty-seven years old, Carrie makes the monumental decision to come out of retirement and be coached by her father for one last year in an attempt to reclaim her record. Even if the sports media says that they never liked "the Battle-Axe" anyway. Even if her body doesn't move as fast as it did. And even if it means swallowing her pride to train with a man she once almost opened her heart to: Bowe Huntley. Like her, he has something to prove before he gives up the game forever. In spite of it all, Carrie Soto is back, for one epic final season. In this riveting and unforgettable novel, Taylor Jenkins Reid tells her most vulnerable, emotional story yet.

[Maybe in Another Life](#) HarperCollins

In the tradition of *Wild* and *H Is for Hawk*, an *Outside* magazine writer tells her story—of fathers and daughters, grief and renewal, adventure and obsession, and the power of running to change your life. NAMED ONE OF THE BEST BOOKS OF THE YEAR BY REAL SIMPLE I'm running to forget, and to remember. For more than a decade, Katie Arnold chased adventure around the world, reporting on extreme athletes who performed outlandish feats—walking high lines a thousand feet off the ground without a harness, or running one hundred miles through the night. She wrote her stories by living them, until eventually life on the thin edge of risk began to seem normal. After she married, Katie and her husband vowed to raise their daughters to be adventurous, too, in the mountains and canyons of New Mexico. But when her father died of cancer, she was forced to confront her own mortality. His death was cataclysmic, unleashing a perfect storm of grief and anxiety. She and her father, an enigmatic photographer for *National Geographic*, had always been kindred spirits. He introduced her to the outdoors and took her camping and on bicycle trips and down rivers, and taught her to find solace and courage in the natural world. And it was he who encouraged her to run her first race when she was seven years old. Now nearly paralyzed by fear and terrified she was dying, too, she turned to the thing that had always made her feel most alive: running. Over the course of three tumultuous years, she ran alone through the wilderness, logging longer and longer distances, first a 50-kilometer ultramarathon, then 50 miles, then 100 kilometers. She ran to heal her grief, to outpace her worry that she wouldn't live to raise her own daughters. She ran to find strength in her weakness. She ran to remember and to forget. She ran to live. Ultrarunning tests the limits of human endurance over seemingly inhuman distances, and as she clocked miles across mesas and mountains, Katie learned to tolerate pain and discomfort, and face her fears of uncertainty, vulnerability, and even death itself. As she ran, she found herself peeling back the layers of her relationship with her father, discovering that much of what she thought she knew about him, and her own past, was wrong. *Running Home* is a memoir about the stories we tell ourselves to make sense of our world—the stories that hold us back, and the ones that set us free. Mesmerizing, transcendent, and deeply exhilarating, it is a book for anyone who has been knocked over by life, or feels the pull of something bigger and wilder within themselves. "A beautiful work of searching remembrance and searing honesty. . . Katie Arnold is as gifted on the page as she is on the trail. *Running Home* will soon join such classics as

Born to Run and *Ultramarathon Man* as quintessential reading of the genre."—Hampton Sides, author of *On Desperate Ground* and *Ghost Soldiers*

Jenkins 2: Up and Running Random House Trade Paperbacks Four clans have been at war for centuries: the Kodiak, the Raven, the Wolf, and the Ram. Through brutal war tactics, the Ram have dominated the region, inflicting death and destruction on their neighbors. Seventeen-year-old Zo is a Wolf and a healer who volunteers to infiltrate the Ram as a spy on behalf of the allied clans. She offers herself as a Ram slave, joining the people who are called the Nameless. Hers is a suicide mission—Zo's despair after losing her parents in a Ram raid has left her seeking both revenge and an end to her own misery. But after her younger sister follows her into Rams Gate, Zo must find a way to survive her dangerous mission and keep her sister safe. What she doesn't expect to find is the friendship of a young Ram whose life she saves, the confusing feelings she develops for a Ram soldier, and an underground Nameless insurrection. Zo learns that revenge, loyalty, and love are more complicated than she ever imagined.

[Jenkins: The Definitive Guide](#) Harper Collins

A desperate need Sassy Grace Atwood never expected to find her proper self accidentally tumbling into a stranger's bed. If she weren't desperate for a man to lead a wagon train of brides to a woman-starved town out West, she never would have gone near Jackson Blake—former lawman or not. She should send the ruggedly charming Texan packing...only he's perfect for the job. Now if her mind would just stop going blank every time she looked at him, they might get this train to Kansas yet. A consuming passion What's a man to do when a beautiful woman leans over his bed in the middle of the night? Come to think of it, that was the only time Blake's ever seen the straitlaced Miss Atwood the least bit ruffled. He's certain that beneath her buttoned-up appearance lies a passionate woman aching to break free. But though Blake longs to take her in his arms, all he can offer Grace is a life on the run. And when the demons from his past catch up with them, Blake is caught between the ties that bind and a love that could last...always and forever.

[How She Did It](#) Rodale Books

Design, implement, and execute continuous delivery pipelines with a level of flexibility, control, and ease of maintenance that was not possible with Jenkins before. With this practical book, build administrators, developers, testers, and other professionals will learn how the features in Jenkins 2 let you define pipelines as code, leverage integration with other key technologies, and create automated, reliable pipelines to simplify and accelerate your DevOps environments. Author Brent Laster shows you how Jenkins 2 is significantly different from the more traditional, web-only versions of this popular open source automation platform. If you're familiar with Jenkins and want to take advantage of the new technologies to transform your legacy pipelines or build new modern, automated continuous delivery environments, this is your book. Create continuous delivery pipelines as code with the Jenkins domain-specific language Get practical guidance on how to migrate existing jobs and pipelines Harness best practices and new methods for controlling access and security Explore the structure, implementation, and use of shared pipeline libraries Learn the differences between declarative syntax and scripted syntax Leverage new and existing project types in Jenkins Understand and use the new Blue Ocean graphical interface Take advantage of the capabilities of the underlying OS in your pipeline Integrate analysis tools, artifact management, and containers *Carrie Soto Is Back* Packt Publishing Ltd A step-by-step guide to implementing Continuous Integration and Continuous Delivery (CICD) for Mobile, Hybrid, and Web applications DESCRIPTION The main objective of the book is to create Declarative Pipeline for programming languages such as Java, Android, iOS, AngularJS, NodeJS, Flutter, Ionic Cordova, and .Net. The book starts by introducing all the areas which encompass the field of DevOps Practices. It covers definition of DevOps, DevOps history, benefits of DevOps culture, DevOps and Value Streams, DevOps practices, different Pipeline types such as Build Pipeline, Scripted Pipeline, Declarative Pipeline, and Blue Ocean. Each chapter focuses on Pipeline that includes Static Code Analysis using SonarQube or Lint tools, Unit tests, calculating code coverage, publishing unit tests and coverage reports, verifying the threshold of code coverage, creating build/package, and distributing package to a specific environment based on the type of programming language. The book will also teach you

how to use different deployment distribution environments such as Azure App Services, Docker, Azure Container Services, Azure Kubernetes Service, and App Center. By the end, you will be able to implement DevOps Practices using Jenkins effectively and efficiently. KEY FEATURES Understand how and when Continuous Integration makes a difference Learn how to create Declarative Pipeline for Continuous Integration and Continuous Delivery Understand the importance of Continuous Code Inspection and Code Quality Learn to publish Unit Test and Code Coverage in Declarative Pipeline Understand the importance of Quality Gates and Build Quality WHAT YOU WILL LEARN Use Multi-Stage Pipeline (Pipeline as a Code) to implement Continuous Integration and Continuous Delivery. Create and configure Cloud resources using Platform as a Service Model Deploy apps to Azure App Services, Azure Kubernetes and containers Understand how to distribute Mobile Apps (APK and IPA) to App Center Improve Code Quality and Standards using Continuous Code Inspection WHO THIS BOOK IS FOR This book is for DevOps Consultants, DevOps Evangelists, DevOps Engineers, Technical Specialists, Technical Architects, Cloud Experts, and Beginners. Having a basics knowledge of Application development and deployment, Cloud Computing, and DevOps Practices would be an added advantage. TABLE OF CONTENTS 1. Introducing DevOps 2. Introducing Jenkins 2.0 and Blue Ocean 3. Building CICD Pipeline for Java Web Application 4. Building CICD Pipeline for Android App 5. Building CICD Pipeline for iOS App 6. Building CICD Pipeline for Angular Application 7. Building CICD Pipeline NodeJS Application 8. Building CICD Pipeline for Hybrid Mobile Application 9. Building CICD Pipeline for Python Application 10. Building CICD Pipeline for DotNet Application 11. Best Practices [Water in the Park](#) Andrews McMeel Publishing Explores the first day of life for a variety of animals, from the emperor penguin to the Siberian tiger. Jewel "O'Reilly Media, Inc."

FROM #1 NEW YORK TIMES BESTSELLING AUTHOR JERRY B. JENKINS COMES A HEART-STOPPING ADVENTURE OF HISTORICAL PROPORTIONS Nicole Berman is an archaeologist on the brink of a world-changing discovery. During her first dig in Jordan, she believes she has found concrete evidence of a biblical patriarch that could change history books forever. But someone doesn't want the truth revealed. While urgently trying to connect pieces of an ancient puzzle, a dangerous enemy is out to stop her. "From a criminal investigation in Manhattan to the birth of Abram in ancient Ur, Jerry Jenkins weaves together a tale of drama and suspense that will draw you into the lives of two families separated by 4,000 years of history yet sharing remarkably similar struggles of faith. Dead Sea Rising combines the thrill of a whodunit with the moral and political intrigue of the ancient, and modern, Middle East. But be prepared. Once you begin, you won't be able to stop until you reach the final page!" —DR. CHARLIE DYER, PROFESSOR-AT-LARGE OF BIBLE, AND HOST OF THE LAND AND THE BOOK RADIO PROGRAM "If you love history—especially biblical history—this is a fun and fascinating read!" —JONI EARECKSON TADA, JONI AND FRIENDS INTERNATIONAL DISABILITY CENTER "Jerry Jenkins' dialogue is equal to the best of Nelson DeMille, his storylines equal to the best of John Grisham. And now Dead Sea Rising . . . this book may be Jerry's best." —ANDY ANDREWS, NEW YORK TIMES BESTSELLING AUTHOR OF THE TRAVELER'S GIFT AND THE NOTICER "Jumping back and forth in time at a breakneck pace, Dead Sea Rising is a thriller as only Jerry B. Jenkins can tell it. Biblical history combines with gripping contemporary mystery. Just be aware—you'll be hooked." —JAMES SCOTT BELL, INTERNATIONAL THRILLER WRITERS AWARD WINNER

Mastering Jenkins O'Reilly Media DATE SMARTER, MAKE BETTER DECISIONS IN LOVE, AND ACHIEVE THE RELATIONSHIP YOU DESERVE... IT ALL STARTS WITH NOT SETTling! By day, Faith Jenkins is the host of the nationally syndicated TV show Divorce Court; by night, she's a happily married newlywed who navigated these dating streets for years before learning how to attract the love of her dreams. When she turned 35 without a wedding ring in sight, like most women, she started getting tons of questions about not being married. But she made a decision: I. Will. Not. Settle. As an attorney and arbitrator, Faith has presided over hundreds of cases, and has helped couples avoid and resolve a wealth of drama. And she's seen it all! In *Sis, Don't Settle*, she's gathered an arsenal of love, wisdom and advice for women on how to play it smart. Modern culture would have women believe they can't have it all—and

be smart, successful, strong women with authentic love to boot. Wrong. Told in her signature style—sometimes salty and sometimes sweet—Faith provides real solutions that will teach you how to thrive in relationships while avoiding common missteps and pitfalls. She delivers it straight, with no chaser, to show us how to level up, and reminds you that how you live single will set the tone for your success in relationships. Smart, illuminating, and, often laugh-out-loud funny, *Sis, Don't Settle* is the essential playbook that will help you build your confidence, generate better results in love, and land a high-value relationship once and for all. You'll find tips on topics like: Strong Independent Women...and the Men Who Love Them What's Worse than a Bad Relationship? Overextending Your Stay in One Becoming the Right Person to Attract the Right Person How to Release Trash Subconscious Beliefs that Keep You Settling And much more! Whether you're single, divorced, or in a situationship, *Sis, Don't Settle* reveals the direction and guidance you need to navigate love and take back your power. [The Terrible and Wonderful Reasons Why I Run Long Distances](#) Simon and Schuster

Leverage the power of Git to smooth out the development cycle Professional Git takes a professional approach to learning this massively popular software development tool, and provides an up-to-date guide for new users. More than just a development manual, this book helps you get into the Git mindset—extensive discussion of corollaries to traditional systems as well as considerations unique to Git help you draw upon existing skills while looking out—and planning for—the differences. Connected labs and exercises are interspersed at key points to reinforce important concepts and deepen your understanding, and a focus on the practical goes beyond technical tutorials to help you integrate the Git model into your real-world workflow. Git greatly simplifies the software development cycle, enabling users to create, use, and switch between versions as easily as you switch between files. This book shows you how to harness that power and flexibility to streamline your development cycle. Understand the basic Git model and overall workflow Learn the Git versions of common source management concepts and commands Track changes, work with branches, and take advantage of Git's full functionality Avoid trip-ups and missteps common to new users Git works with the most popular software development tools and is used by almost all of the major technology companies. More than 40 percent of software developers use it as their primary source control tool, and that number continues to grow; the ability to work effectively with Git is rapidly approaching must-have status, and Professional Git is the comprehensive guide you need to get up to speed quickly.

Running Home Packt Publishing Ltd Start thinking about your development pipeline as a mission-critical application. Discover techniques for implementing code-driven infrastructure and CI/CD workflows using Jenkins, Docker, Terraform, and cloud-native services. In *Pipeline as Code*, you will master: Building and deploying a Jenkins cluster from scratch Writing pipeline as code for cloud-native applications Automating the deployment of Dockerized and Serverless applications Containerizing applications with Docker and Kubernetes Deploying Jenkins on AWS, GCP and Azure Managing, securing and monitoring a Jenkins cluster in production Key principles for a successful DevOps culture Pipeline as Code is a practical guide to automating your development pipeline in a cloud-native, service-driven world. You'll use the latest infrastructure-as-code tools like Packer and Terraform to develop reliable CI/CD pipelines for numerous cloud-native applications. Follow this book's insightful best practices, and you'll soon be delivering software that's quicker to market, faster to deploy, and with less last-minute production bugs. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the technology Treat your CI/CD pipeline like the real application it is. With the Pipeline as Code approach, you create a collection of scripts that replace the tedious web UI wrapped around most CI/CD systems. Code-driven pipelines are easy to use, modify, and maintain, and your

entire CI pipeline becomes more efficient because you directly interact with core components like Jenkins, Terraform, and Docker. About the book In *Pipeline as Code* you'll learn to build reliable CI/CD pipelines for cloud-native applications. With Jenkins as the backbone, you'll programmatically control all the pieces of your pipeline via modern APIs. Hands-on examples include building CI/CD workflows for distributed Kubernetes applications, and serverless functions. By the time you're finished, you'll be able to swap manual UI-based adjustments with a fully automated approach! What's inside Build and deploy a Jenkins cluster on scale Write pipeline as code for cloud-native applications Automate the deployment of Dockerized and serverless applications Deploy Jenkins on AWS, GCP, and Azure Grasp key principles of a successful DevOps culture About the reader For developers familiar with Jenkins and Docker. Examples in Go. About the author Mohamed Labouardy is the CTO and co-founder of Crew.work, a Jenkins contributor, and a DevSecOps evangelist. Table of Contents PART 1 GETTING STARTED WITH JENKINS 1 What's CI/CD? 2 Pipeline as code with Jenkins PART 2 OPERATING A SELF-HEALING JENKINS CLUSTER 3 Defining Jenkins architecture 4 Baking machine images with Packer 5 Discovering Jenkins as code with Terraform 6 Deploying HA Jenkins on multiple cloud providers PART 3 HANDS-ON CI/CD PIPELINES 7 Defining a pipeline as code for microservices 8 Running automated tests with Jenkins 9 Building Docker images within a CI pipeline 10 Cloud-native applications on Docker Swarm 11 Dockerized microservices on K8s 12 Lambda-based serverless functions PART 4 MANAGING, SCALING, AND MONITORING JENKINS 13 Collecting continuous delivery metrics 14 Jenkins administration and best practices

Beginning Jenkins Blue Ocean John Wiley & Sons 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 Hands-on Pipeline as Code with Jenkins Month9Books, LLC.

The ultimate roadmap for female distance runners, from two-time Olympian Molly Huddle and two-time NCAA champion Sara Slattery—featuring 50 candid interviews with women who've made it The road from a high school track to an Olympic starting line is long and sometimes shadowy. Obstacles like chronic injuries, under-fueled nutrition, and coercive coaching can threaten to derail careers before they've even begun. Frustrated by seeing young talent burn out before reaching their potential, professional distance runner Molly Huddle and college coach Sara Slattery have teamed up with trailblazing running legends and sports medicine professionals to create an essential guide to reach your running potential. This is *How She Did It*—an instructional and inspirational collection of stories and advice for female runners. The book begins with key information from the professionals who help make athletic excellence possible: trainers, physicians, nutritionists, and sports psychologists. Then, you'll hear the first-person accounts of fifty women who've done it themselves. From the pioneers who fought tirelessly for women's inclusion in the sport to the names splashed across headlines today, featured athletes include: Joan Benoit Samuelson • Patti Catalano Dillon • Madeline Manning Mims • Paula Radcliffe • Deena Kastor • Brenda Martinez • Shalane Flanagan • Emma Coburn • Raevyn Rogers • Molly Seidel • and more With Molly and Sara guiding the way, these athletes share their empowering stories, biggest regrets, funniest moments, and hard-won advice. Collectively, these voices are the embodiment of strength, meant to educate, inspire, and motivate you to see how far—and how fast—you can go. On the Corner of Hope and Main Ballantine Books

Speed up the software delivery process and software productivity using the latest features of Jenkins Key Features Take advantage of a Continuous Integration and Continuous Delivery solution to speed up productivity and achieve faster software delivery See all the new features introduced in Jenkins 2.x, such as Pipeline as code, Multibranch pipeline, Docker Plugin, and more Learn to implement Continuous Integration and Continuous Delivery by orchestrating multiple DevOps tools using Jenkins Book Description In past few years, agile software development has seen tremendous growth. There is a huge demand for software delivery solutions that are fast yet flexible to numerous amendments. As a result, Continuous Integration (CI) and Continuous Delivery (CD) methodologies are gaining popularity. This book starts off by explaining the concepts of CI and its significance in the Agile. Next, you'll learn how to configure and set up Jenkins in many different ways. The book exploits the concept of "pipeline as code" and various other features introduced in the Jenkins 2.x release to their full potential. We also talk in detail about the new Jenkins Blue Ocean interface and the features that help to quickly and easily create a CI pipeline. Then we dive into the various features offered by Jenkins one by one, exploiting them for CI and CD. Jenkins' core functionality and flexibility allows it to fit in a variety of environments and can help streamline the development process for all stakeholders. Next, you'll be introduced to CD and will learn how to achieve it using Jenkins. Through this book's wealth of best practices and real-world tips, you'll discover how easy it is to implement CI and CD using Jenkins. What you will learn Get to know some of the most popular ways to set up Jenkins See all the new features introduced in the latest Jenkins, such as pipeline as code, Multibranch pipeline, and more Manage users, projects, and permissions in Jenkins to ensure better security Leverage the power of plugins in Jenkins Learn how to create a CI pipeline using Jenkins Blue Ocean Create a distributed build farm using Docker and use it with Jenkins Implement CI and CD using Jenkins See the difference between CD and Continuous Deployment Understand the concepts of CI Who this book is for The book is for those with little or no previous experience with Agile or CI and CD. It ' s a good starting point for anyone new to this field who wants to leverage the benefits of CI and CD to increase productivity and reduce delivery time. It ' s ideal for Build and Release engineers, DevOps engineers, SCM (Software Configuration Management) engineers, developers, testers, and project managers. If you ' re already using Jenkins for CI, you can take your project to the next level—CD.

Nameless Zondervan

Learn various design patterns and best practices in Spring 5 and use them to solve common design problems. About This Book Explore best practices for designing an application Manage your code easily with Spring's Dependency Injection pattern Understand the benefits that the right design patterns can offer your toolkit Who This Book Is For This book is for developers who would like to use design patterns to address common problems while designing an app using the Spring Framework and Reactive Programming approach. A basic knowledge of the Spring Framework and Java is assumed. What You Will Learn Develop applications using dependency injection patterns Learn best practices to design enterprise applications Explore Aspect-Oriented Programming relating to transactions, security, and caching. Build web applications using traditional Spring MVC patterns Learn to configure Spring using XML, annotations, and Java. Implement caching to improve application performance. Understand concurrency and handle multiple connections inside a web server. Utilizing Reactive Programming Pattern to build Reactive web applications. In Detail Design patterns help speed up the development process by offering well tested and proven solutions to common problems. These patterns coupled with the Spring framework offer tremendous improvements in the development process. The book begins with an overview of Spring Framework 5.0 and design patterns. You will understand the Dependency Injection pattern, which is the main principle behind the decoupling process that Spring performs, thus making it easier to manage your code. You will learn how GoF patterns can be used in Application Design. You will then learn to use Proxy patterns in Aspect Oriented Programming and remoting. Moving on, you will understand the JDBC template patterns and their use in abstracting database access.

Then, you will be introduced to MVC patterns to build Reactive web applications. Finally, you will move on to more advanced topics such as Reactive streams and Concurrency. At the end of this book, you will be well equipped to develop efficient enterprise applications using Spring 5 with common design patterns Style and approach The book takes a pragmatic approach, showing various design patterns and best-practice considerations, including the Reactive programming approach with the Spring 5 Framework and ways to solve common development and design problems for enterprise applications.

Tumblr For Dummies Worthy Books

Design, implement, and execute continuous delivery pipelines with a level of flexibility, control, and ease of maintenance that was not possible with Jenkins before. With this practical book, build administrators, developers, testers, and other professionals will learn how the features in Jenkins 2 let you define pipelines as code, leverage integration with other key technologies, and create automated, reliable pipelines to simplify and accelerate your DevOps environments. Author Brent Laster shows you how Jenkins 2 is significantly different from the more traditional, web-only versions of this popular open source automation platform. If you ' re familiar with Jenkins and want to take advantage of the new technologies to transform your legacy pipelines or build new modern, automated continuous delivery environments, this is your book. Create continuous delivery pipelines as code with the Jenkins domain-specific language Get practical guidance on how to migrate existing jobs and pipelines Harness best practices and new methods for controlling access and security Explore the structure, implementation, and use of shared pipeline libraries Learn the differences between declarative syntax and scripted syntax Leverage new and existing project types in Jenkins Understand and use the new Blue Ocean graphical interface Take advantage of the capabilities of the underlying OS in your pipeline Integrate analysis tools, artifact management, and containers Dead Sea Rising "O'Reilly Media, Inc."

An advanced exploration of the skills and knowledge required for operating Kubernetes clusters, with a focus on metrics gathering and alerting, with the goal of making clusters and applications inside them autonomous through self-healing and self-adaptation. Key Features The sixth book of DevOps expert Viktor Farcic's bestselling DevOps Toolkit series, with an overview of advanced core Kubernetes techniques,-oriented towards monitoring and alerting. Takes a deep dive into monitoring, alerting, logging, auto-scaling, and other subjects aimed at making clusters resilient, self-sufficient, and self-adaptive Discusses how to customise and create dashboards and alerts Book Description Building on The DevOps 2.3 Toolkit: Kubernetes, and The DevOps 2.4 Toolkit: Continuous Deployment to Kubernetes, Viktor Farcic brings his latest exploration of the Docker technology as he records his journey to monitoring, logging, and autoscaling Kubernetes. The DevOps 2.5 Toolkit: Monitoring, Logging, and Auto-Scaling Kubernetes: Making Resilient, Self-Adaptive, And Autonomous Kubernetes Clusters is the latest book in Viktor Farcic's series that helps you build a full DevOps Toolkit. This book helps readers develop the necessary skillsets needed to be able to operate Kubernetes clusters, with a focus on metrics gathering and alerting with the goal of making clusters and applications inside them autonomous through self-healing and self-adaptation. Work with Viktor and dive into the creation of self-adaptive and self-healing systems within Kubernetes. What you will learn Autoscaling Deployments and Statefulsets based on resource usage Autoscaling nodes of a Kubernetes cluster Debugging issues discovered through metrics and alerts Extending HorizontalPodAutoscaler with custom metrics Visualizing metrics and alerts Collecting and querying logs Who this book is for Readers with an advanced-level understanding of Kubernetes and hands-on experience.

Learning Continuous Integration with Jenkins "O'Reilly Media, Inc."

The child he didn't know he had . . . Andrew Yates has come to a decision: it's time to stop sowing those oats and start a family. But searching for a bride isn't as simple as he'd hoped, and many of the

respectable women of his acquaintance feel . . . lacking. Then beautiful, feisty Wilhelmina "Billie" Wells arrives at the family ranch with a toddler in her arms, claiming Drew is the father! The woman he didn't know he loved . . . Billie had no choice but to show up at Destiny in search of Drew. For the sake of their child, she's willing to leave him with his father so the boy can have a better life, but then, before she can blink, she's saying "I do" in front of a preacher in a marriage of convenience. All Billie and Drew have in common is the heat that brought them together, but can their sizzling passion lead to an everlasting love?