

## Liferay Documentation Download

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[China's Belt and Road](#) Hay House, Inc

Part of Packt's Beginner's Guide series, each chapter follows the creation of a fictional neighbourhood site to demonstrate an aspect of Liferay portal with practical examples, screenshots, and step-by-step instructions. All you need in order to benefit from the Liferay Beginner's Guide is programming experience. No prior knowledge of Liferay is required, although experienced Liferay portal programmers who need to get up to speed with its latest features will also find this book useful.

[Hawthorne](#) Packt Publishing Ltd

The Liferay Portal Administrator's Guide is your complete guide to installing, integrating, configuring, and maintaining a Liferay Portal server. This comprehensive guide will show you how to bring up a Liferay Portal server and keep it running. From installing a bundle to configuring a Liferay cluster, every aspect of running Liferay Portal is covered.

[Alfresco Developer Guide](#) Packt Publishing Ltd

Create reports and solve common report problems with minimal fuss. About This Book Use this unique book to master the basics and advanced features of Pentaho 8 Reporting. A book showing developers and analysts with IT skills how to create and use the best possible reports using the Pentaho platform. Written with a very practical approach: full of tutorials and practical examples (source code included). Who This Book Is For This book is written for two types of professionals and students: Information Technologists with a basic knowledge of Databases and Java Developers with medium seniority. Developers will be interested to discover how to embed reports in a third-party Java application. What You Will Learn The basics of Pentaho Reporting (Designer and SDK) and its initial setup. Develop the most attractive reports on top of a wide range of data sources. Perform detailed customization of layout, parameterization, internationalization, behaviors, and more for your custom reports developed with Pentaho Reporting. Integrate Pentaho reports into third-party Java application with full control over interactions, layout, and behavior in general. Use Pentaho reports in the other components of the Pentaho Suite (BA Platform and PDI). In Detail This hands-on tutorial, filled with exercises and examples, introduces the reader to a variety of concepts within Pentaho Reporting. With screenshots that show you how reports look at design time as well as how they should look when rendered as PDF, Excel, HTML, Text, Rich-Text-File, XML, and CSV, this book also contains complete example source code that you can copy and paste into your environment to get up-and-running quickly. Updated to cover the features of Pentaho 8, this book will teach you everything you need to know to build fast, efficient reports using Pentaho. If your interest lies in the technical details of creating reports and you want to see how to solve common reporting problems with a minimum of fuss, this is the book for you. Style and approach A step-by-step guide covering technical topics relating to environments, best practices, and source code, to enable the reader to assemble the best reports and use them in existing Java applications.

[Liferay Portal Systems Development](#) Packt Publishing Ltd

Discover the latest features of Spring framework by building robust, fast, and reactive web applications Key FeaturesTake advantage of all the features of Spring 5.0 with third party tools to build a robust back endSecure Spring based web application using Spring Security framework with LDAP and OAuth protocolDevelop robust and scalable microservice based applications on Spring Cloud, using Spring BootBook Description Spring makes it easy to create RESTful applications, merge with social services, communicate with modern databases, secure your system, and make your code modular and easy to test. With the arrival of Spring Boot, developers can really focus on the code and deliver great value, with minimal contour. This book will show you how to build various projects in Spring 5.0, using its features and third party tools. We'll start by creating a web application using Spring MVC, Spring Data, the World Bank API for some statistics on different countries, and MySQL database. Moving ahead, you'll build a RESTful web services application using Spring WebFlux framework. You'll be then taken through creating a Spring Boot-based simple blog management system, which uses Elasticsearch as the data store.

Then, you'll use Spring Security with the LDAP libraries for authenticating users and create a central authentication and authorization server using OAuth 2 protocol. Further, you'll understand how to create Spring Boot-based monolithic application using JHipster. Toward the end, we'll create an online book store with microservice architecture using Spring Cloud and Netflix OSS components, and a task management system using Spring and Kotlin. By the end of the book, you'll be able to create coherent and flexible real-time web applications using Spring Framework. What you will learnBuild Spring based application using Bootstrap template and JQueryUnderstand the Spring WebFlux framework and how it uses Reactor libraryInteract with Elasticsearch for indexing, querying, and aggregating dataCreate a simple monolithic application using JHipsterUse Spring Security and Spring Security LDAP and OAuth libraries for AuthenticationDevelop a microservice-based application with Spring Cloud and NetflixWork on Spring Framework with KotlinWho this book is for This book is for competent Spring developers who wish to understand how to develop complex yet flexible applications with Spring. You must have a good knowledge of Java programming and be familiar with the basics of Spring.

[Liferay Beginner's Guide](#) Knopf

The Liferay Portal Administrator's Guide is your complete guide to installing, integrating, configuring, and maintaining Liferay Portal. This comprehensive guide will show you how to install Liferay Portal, configure it for your use, and maintain your Liferay-powered site on a day-to-day basis. From installing a bundle to creating your users; from managing site security to administering message boards; from integrating single sign-on to configuring a Liferay cluster, every aspect of running Liferay Portal is covered.

[3D Scientific Visualization with Blender](#) Packt Publishing Ltd

Why do 9 out of 10 children raised in Christian homes leave the Church? Why do many professing Christians show little or no evidence for their faith? Why do 80-90% of those making decisions for Christ fall away from the faith? For decades, the world's most popular gospel message has been drawing the lost by promising God's wonderful plan for their life. But behind the facade of the "wonderful plan" message is the reality of the trials, temptation, and persecution that Jesus promised. How can we reconcile the two? In this life-changing book, best-selling author Ray Comfort explores whether this common gospel approach aligns with real life--and with Scripture. The vital biblical principles he reveals will force you to reexamine your ideas about the gospel--and will teach you how to reach unbelievers the way God intended. A must-read for all who care about the lost. Over a quarter million copies in print!

[Modernizing Enterprise CMS Using Pimcore](#) Apress

Customizing Alfresco with actions, web scripts, web forms, workflows, and more

[Test-Driven JavaScript Development](#) Addison-Wesley Professional

A practical guide to developing, administering, and scaling content management solutions in your organization for supporting digital transformation using Pimcore Key FeaturesKick-start your CMS career by preparing for Pimcore developer certificationsCreate custom websites with a rich digital experience for your business users with the help of step-by-step examplesGet to grips with Pimcore's enterprise features for product management and data managementBook Description Used by over eighty thousand companies worldwide, Pimcore is the leading open source enterprise-level content management system (CMS) solution. It is an impressive alternative to conventional CMSes and is ideal for creating e-commerce and complex enterprise websites. This book helps developers working with standard CMSes such as WordPress and Drupal to use their knowledge of CMSes to learn Pimcore CMS in a practical way. You'll start by learning what Pimcore is and explore its various services such as PIM, MDM, and DAM. The book then shows you various techniques for developing custom websites in Pimcore based on the scale of your organization. You'll learn how to use Pimcore to improve the digital transformation of a company by implementing enterprise Pimcore features. As you advance, you'll discover Pimcore's capabilities and features that make it a faster and more secure alternative to traditional CMSes. As well as demonstrating practical use cases, Modernizing Enterprise CMS Using Pimcore can help you understand the benefits of using Pimcore as a CMS solution, sharing best practices and proven techniques for designing professional Pimcore sites. By the end of this book, you'll be a trained Pimcore developer, able to create complex websites, and be well-versed in Pimcore's enterprise features such as MDM, PIM, and DAM. What you will learnCreate, edit, and manage Pimcore documents for your web pagesManage web assets in Pimcore using the digital asset management (DAM) featureDiscover how to create layouts, templates, and custom widgets for your web pagesAdminister third-party add-ons for your Pimcore site using the admin UIDiscover practices to use Pimcore as a product information management (PIM) systemExplore Pimcore's master data management (MDM) for enterprise CMS developmentBuild reusable website components and save time using effective tips and tricksWho this

book is for This book is for web developers and CMS professionals looking for an alternative to WordPress and traditional CMS. Enterprise application developers looking for enterprise solutions for digital transformation will find this book useful. Beginner-level knowledge of PHP, HTML, and CSS is needed to understand the code examples used in the book.

[Liferay Portal Administrator's Guide](#), 3rd Edition Packt Pub Limited

This book focuses on teaching by example. Every chapter provides an overview, and then dives right into hands-on examples so you can see and play with the solution in your own environment. This book is for Java developers who don't need any prior experience with Liferay portal. Although Liferay portal makes heavy use of open source frameworks, no prior experience of using these is assumed.

[Generative Energy](#) Lulu.com

For JavaScript developers working on increasingly large and complex projects, effective automated testing is crucial to success. Test-Driven JavaScript Development is a complete, best-practice guide to agile JavaScript testing and quality assurance with the test-driven development (TDD) methodology. Leading agile JavaScript developer Christian Johansen covers all aspects of applying state-of-the-art automated testing in JavaScript environments, walking readers through the entire development lifecycle, from project launch to application deployment, and beyond. Using real-life examples driven by unit tests, Johansen shows how to use TDD to gain greater confidence in your code base, so you can fearlessly refactor and build more robust, maintainable, and reliable JavaScript code at lower cost. Throughout, he addresses crucial issues ranging from code design to performance optimization, offering realistic solutions for developers, QA specialists, and testers. Coverage includes • Understanding automated testing and TDD • Building effective automated testing workflows • Testing code for both browsers and servers (using Node.js) • Using TDD to build cleaner APIs, better modularized code, and more robust software • Writing testable code • Using test stubs and mocks to test units in isolation • Continuously improving code through refactoring • Walking through the construction and automated testing of fully functional software The accompanying Web site, tddjs.com, contains all of the book's code listings and additional resources.

God Has a Wonderful Plan for Your Life Javier Paniza

Build and optimize efficient messaging applications with ease About This Book Learn to administer, configure, and manage RabbitMQ instances Discover ways to secure and troubleshoot RabbitMQ instances This book is fully up-to-date with all the latest changes to version 3.5 Who This Book Is For If you are a developer or system administrator with a basic knowledge of messaging who wants to learn RabbitMQ, or if you want to further enhance your knowledge in working with the message broker, then this book is ideal for you. To fully understand some examples in the book, a basic knowledge of the Java programming language is required. What You Will Learn Apply messaging patterns using the message broker Administer RabbitMQ using the command line, management Web console, or management REST services Create a cluster of scalable, and highly-available, RabbitMQ instances Use RabbitMQ with the Spring Framework, MuleESB, WSO2, and Oracle databases Deploy RabbitMQ using Puppet, Vagrant, or Docker Fine-tune the performance of RabbitMQ Monitor RabbitMQ using Nagios, Munin, or Monit Secure, troubleshoot, and extend RabbitMQ In Detail RabbitMQ is Open Source Message Queuing software based on the Advanced Message Queue Protocol Standard written in the Erlang Language. RabbitMQ is an ideal candidate for large-scale projects ranging from e-commerce and finance to Big Data and social networking because of its ease of use and high performance. Managing RabbitMQ in such a dynamic environment can be a challenging task that requires a good understanding not only of how to work properly with the message broker but also of its best practices and pitfalls. Learning RabbitMQ starts with a concise description of messaging solutions and patterns, then moves on to concrete practical scenarios for publishing and subscribing to the broker along with basic administration. This knowledge is further expanded by exploring how to establish clustering and high availability at the level of the message broker and how to integrate RabbitMQ with a number of technologies such as Spring, and enterprise service bus solutions such as MuleESB and WSO2. We will look at advanced topics such as performance tuning, secure messaging, and the internals of RabbitMQ. Finally we will work through case-studies so that we can see RabbitMQ in action and, if something goes wrong, we'll learn to resolve it in the Troubleshooting section. Style and approach Each chapter of the book is an easy-to-follow guide that expands and builds on the knowledge already gained in previous chapters. Throughout the course of the book, a sample system called the CSN (Corporate Social Network) is used to illustrate the core principles described. At the end of each chapter, there is a Q&A session that covers practical questions that may arise in practice when working with RabbitMQ.

[The Martian Chronicles](#) Packt Publishing Ltd

Accelerate your enterprise search engine and bring relevancy in your search analytics Key Features

A practical guide in building expertise with Indexing, Faceting, Clustering and Pagination Master the management and administration of Enterprise Search Applications and services seamlessly Handle multiple data inputs such as JSON, xml, pdf, doc, xls,ppt, csv and much more. Book

Description Apache Solr is the only standalone enterprise search server with a REST-like application interface. providing highly scalable, distributed search and index replication for many of the world's largest internet sites. To begin with, you would be introduced to how you perform full text search, multiple filter search, perform dynamic clustering and so on helping you to brush up the basics of Apache Solr. You will also explore the new features and advanced options released in Apache Solr 7.x which will get you numerous performance aspects and making data investigation simpler, easier and powerful. You will learn to build complex queries, extensive filters and how are they compiled in your system to bring relevance in your search tools. You will learn to carry out Solr scoring, elements affecting the document score and how you can optimize or tune the score for the application at hand. You will learn to extract features of documents, writing complex queries in re-ranking the documents. You will also learn advanced options helping you to know what content is indexed and how the extracted content is indexed. Throughout the book, you would go through complex problems with solutions along with varied approaches to tackle your business needs. By the end of this book, you will gain advanced proficiency to build out-of-box smart search solutions for your enterprise demands. What you will learn Design schema using schema API to access data in the database Advance querying and fine-tuning techniques for better performance Get to grips with indexing using Client API Set up a fault tolerant and highly available server with newer distributed capabilities, SolrCloud Explore Apache Tika to upload data with Solr Cell Understand different data operations that can be done while indexing Master advanced querying through Velocity Search UI, faceting and Query Re-ranking, pagination and spatial search Learn to use JavaScript, Python, SolrJ and Ruby for interacting with Solr Who this book is for The book would rightly appeal to developers, software engineers, data engineers and database architects who are building or seeking to build enterprise-wide effective search engines for business intelligence. Prior experience of Apache Solr or Java programming is must to take the best of this book.

Liferay Administrator's Guide Council on Foreign Relations Press

A step-by-step tutorial on implementing Liferay- based portals to learn performance best practices. The book is good for Liferay portal developers and architects who want to learn performance best practices for implementing Liferay- based solutions. It is assumed that you have a working knowledge of the Liferay portal.

[Hands-On High Performance with Spring 5](#) Packt Publishing Ltd

NATIONAL BOOK CRITICS CIRCLE AWARD WINNER • NEW YORK TIMES

BESTSELLER • In this beautifully written masterwork, the Pulitzer Prize – winner and bestselling author of *Caste* chronicles one of the great untold stories of American history: the decades-long migration of black citizens who fled the South for northern and western cities, in search of a better life. From 1915 to 1970, this exodus of almost six million people changed the face of America. Wilkerson compares this epic migration to the migrations of other peoples in history. She interviewed more than a thousand people, and gained access to new data and official records, to write this definitive and vividly dramatic account of how these American journeys unfolded, altering our cities, our country, and ourselves. With stunning historical detail, Wilkerson tells this story through the lives of three unique individuals: Ida Mae Gladney, who in 1937 left sharecropping and prejudice in Mississippi for Chicago, where she achieved quiet blue-collar success and, in old age, voted for Barack Obama when he ran for an Illinois Senate seat; sharp and quick-tempered George Starling, who in 1945 fled Florida for Harlem, where he endangered his job fighting for civil rights, saw his family fall, and finally found peace in God; and Robert Foster, who left Louisiana in 1953 to pursue a medical career, the personal physician to Ray Charles as part of a glitteringly successful medical career, which allowed him to purchase a grand home where he often threw exuberant parties. Wilkerson brilliantly captures their first treacherous and exhausting cross-country trips by car and train and their new lives in colonies that grew into ghettos, as well as how they changed these cities with southern food, faith, and culture and improved them with discipline, drive, and hard work. Both a riveting microcosm and a major assessment, *The Warmth of Other Suns* is a bold, remarkable, and riveting work, a superb account of an “ unrecognized immigration ” within our own land. Through the breadth of its narrative, the beauty of the writing, the depth of its research, and the fullness of the people and lives portrayed herein, this book is destined to become a classic.

[Mastering Android Wear Application Development](#) "O'Reilly Media, Inc."

A practical guide to adopting portal development best practices in an Enterprise world About This Book Discover the new features and updates in Liferay including the concept of CMS, and collaboration applications with relevant examples and screenshots Set up the navigation structure for the Enterprise intranet Full of illustrations, diagrams, clear step-by-step instructions, and practical examples to show you the integration between different applications such as LDAP, SSO, and Liferay Social Office Who This Book Is For This book is for anyone who is interested in the Liferay Intranet Portal. This book is for both beginners and more experienced portal developers who need to create an enterprise intranet portal for their business. It will be handy for IT professionals who know the basics of how the portal technology works and need to integrate different open source technologies. What You Will Learn Be introduced to the all new features of Liferay 6.2 Understand the different controls/actions to make the portal work for an Enterprise Manage users, organizations, sites, user groups, and roles and also set up portal permissions Set up a forum and get detailed

descriptions of categorization, tagging, and Asset Publisher Enable Wiki to share knowledge among users and create new dynamic data list and poll portlets Handle federated search and OpenSearch and deploy search-based portlets Implement web content management with a different approach in the portal Employ community tools such as invitations, bookmarks, page comments, and page ratings Manage Liferay's document and media portlet In Detail To develop an intranet portal for an Enterprise, Liferay is the only open-source portal development platform that has a high scale graph for the developer to extend any component. It provides high end integration with other applications. By using this book, both beginners and more experienced users will be able to create an intranet portal easily. This book will be your pocket reference to Liferay. It will explain to you the new features of Liferay, including Liferay Sync and the Recycle Bin. It will help you to integrate with other key applications such as LDAP, SSO, and Alfresco 4.x and above. You will be introduced to documents, web content, and image management. You will move onto Liferay Sync's new tool to synchronize documents and media files to the local system. You'll discover the Market Place, the newest feature of Liferay. Liferay Social Office and its integrations are also thoroughly explained. This book is packed with practical examples that will help you to develop an intranet portal quickly and easily. Style and approach Clear step-by-step instructions to develop an intranet portal for Enterprise. It describes new features and updates in Liferay with clear explanations, and is complete with images, tips, and tricks.

[Liferay 6.2 User Interface Development](#) Packt Publishing Ltd

Summary Portlets in Action is a comprehensive, hands-on guide to building portlet-driven applications in Java. Covers Portlet 2.0, Spring 3.0 Portlet MVC, WSRP 2.0, Portlet Bridges, Ajax, Comet, Liferay, GateIn, Spring JDBC, and Hibernate. About the Technology Portlets are the small Java applications that run within a portal. Good portlets work independently and also communicate fluently with the portal, other portlets, as well as outside servers and information sources. Using Java's Portlet 2.0 API and portal servers like Liferay, you can build flexible, stable business portals without the design overhead required by other application styles. About the Book Portlets in Action is a comprehensive guide to building portlet-driven applications in Java. It teaches portlet development hands-on as you develop a portal that incorporates most key features of the Portlet 2.0 API. And because portals and portlets are so flexible, the accompanying source code can be easily adapted and reused. Along the way, you'll learn how to work with key web frameworks like Spring 3.0 Portlet MVC and DWR. Written for Java developers. No prior experience with portlets required Purchase of the print book comes with an offer of a free PDF, ePub, and Kindle eBook from Manning. Also available is all code from the book. What's Inside Complete coverage of the Portlet 2.0 API Spring 3.0 Portlet MVC and the Liferay portal server Portal design best practices Reusable source code

===== Table of Contents PART 1 GETTING STARTED WITH PORTLET DEVELOPMENT Introducing portals and portlets The portlet lifecycle Portlet 2.0 API - portlet objects and container-runtime options Portlet 2.0 API - caching, security, and localization Building your own portal Using the portlet tag library PART 2 DEVELOPING PORTLETS USING SPRING AND HIBERNATE Getting started with Spring Portlet MVC Annotation-driven development with Spring Integrating portlets with databases PART 3 ADVANCED PORTLET DEVELOPMENT Personalizing portlets Communicating with other portlets Ajaxing portlets Reusable logic with portlet filters Portlet bridges Web Services for Remote Portlets (WSRP)

Liferay in Action Packt Publishing Ltd

Master the future of mobile devices in wearable technology About This Book Mastering Android Wear Development is a complete guide to wearable technology for experienced Android developers Notifications, voice input, coping with round screens — all the key challenges of wearable technology are covered This book describes not just how to write code for wearables, but also how to think about wearable technology and design apps that work well with the physical limitations of wearable devices Who This Book Is For This book is for application developers (the web, mobile, and desktop) who are interested in building new wearable apps, and mobile developers who already have apps on iTunes or Google Play Store and are looking to provide Android Wear support for their existing Android or iOS apps. What You Will Learn Understand the Wearable computing technology Set up a development environment to build Android Wear apps using Android Studio Master the Android Wear SDK and APIs Understand the UI patterns and UX principles to build Android Wear apps Work with the different form factors of wearable devices (round and square) Take advantage of the sensors available on Android Wear devices Develop Android Wear sample apps Communicate between Android mobile and Android Wear apps Get to know the steps involved in publishing Android Wear apps to the Play store In Detail Wearable technology is the future of mobile devices. It looks set to be a breakthrough technology, just like the iPad was before it. With the Apple Watch being widely regarded as a success, all eyes are now on Google to provide a similar device for its users. Keep your skills ahead of the competition and be one of the first to fully understand this powerful new trend. This book will give you a very solid understanding of the philosophy, thought process, development details, and methodologies involved in building well-designed, robust Android Wear applications. We cover the advantages and disadvantages of the wearable computing paradigm and provide a good foundational knowledge for you to build practical, real-world wearable apps. You will learn about the various tools, platforms, libraries, SDKs, and technology needed to build Android Wear apps. By the end of the book, you will be an expert in building Android wearable apps. Style and approach This one-stop professional tutorial will teach you everything you need to know to begin designing and developing applications for this exciting new technology. Every step from development through testing to deployment is explained in depth. Liferay Portal Performance Best Practices Simon and Schuster

The Liferay Portal Administrator's Guide is your complete guide to installing, integrating, configuring, and maintaining Liferay Portal. This comprehensive guide will show you how to install Liferay Portal, configure it for your use, and maintain your Liferay-powered site on a day-to-day basis. From installing a bundle to configuring a Liferay cluster, every aspect of running Liferay Portal is covered. This newly-updated guide is your roadmap to a successful implementation of Liferay Portal. Now covering Liferay Portal 5.1 and below, this book contains the information you need to keep your portal environment running smoothly.

Liferay Administrator's Guide, 2nd Edition Morgan & Claypool Publishers

Get the most out of the Elastic Stack for various complex analytics using this comprehensive and practical guide About This Book Your one-stop solution to perform advanced analytics with Elasticsearch, Logstash, and Kibana Learn how to make better sense of your data by searching, analyzing, and logging data in a systematic way This highly practical guide takes you through an advanced implementation on the ELK stack in your enterprise environment Who This Book Is For This book cater to developers using the Elastic stack in their day-to-day work who are familiar with the basics of Elasticsearch, Logstash, and Kibana, and now want to become an expert at using the Elastic stack for data analytics. What You Will Learn Build a pipeline with help of Logstash and Beats to visualize Elasticsearch data in Kibana Use Beats to ship any type of data to the Elastic stack Understand Elasticsearch APIs, modules, and other advanced concepts Explore Logstash and it's plugins Discover how to utilize the new Kibana UI for advanced analytics See how to work with the Elastic Stack using other advanced configurations Customize the Elastic Stack and plugin development for each of the component Work with the Elastic Stack in a production environment Explore the various components of X-Pack in detail. In Detail Even structured data is useless if it can't help you to take strategic decisions and improve existing system. If you love to play with data, or your job requires you to process custom log formats, design a scalable analysis system, and manage logs to do real-time data analysis, this book is your one-stop solution. By combining the massively popular Elasticsearch, Logstash, Beats, and Kibana, elastic.co has advanced the end-to-end stack that delivers actionable insights in real time from almost any type of structured or unstructured data source. If your job requires you to process custom log formats, design a scalable analysis system, explore a variety of data, and manage logs, this book is your one-stop solution. You will learn how to create real-time dashboards and how to manage the life cycle of logs in detail through real-life scenarios. This book brushes up your basic knowledge on implementing the Elastic Stack and then dives deeper into complex and advanced implementations of the Elastic Stack. We'll help you to solve data analytics challenges using the Elastic Stack and provide practical steps on centralized logging and real-time analytics with the Elastic Stack in production. You will get to grip with advanced techniques for log analysis and visualization. Newly announced features such as Beats and X-Pack are also covered in detail with examples. Toward the end, you will see how to use the Elastic stack for real-world case studies and we'll show you some best practices and troubleshooting techniques for the Elastic Stack. Style and approach This practical guide shows you how to perform advanced analytics with the Elastic stack through real-world use cases. It includes common and some not so common scenarios to use the Elastic stack for data analysis.

[Learning RabbitMQ](#) Vintage

A hands-on guide to creating, monitoring, and tuning a high performance Spring web application Key Features Understand common performance pitfalls and improve your application's performance Build and deploy strategies for complex applications using the microservice architecture Understand internals of JVM - the core of all Java Runtime Environments Book Description While writing an application, performance is paramount. Performance tuning for real-world applications often involves activities geared toward detecting bottlenecks. The recent release of Spring 5.0 brings major advancements in the rich API provided by the Spring framework, which means developers need to master its tools and techniques to achieve high performance applications. Hands-On High Performance with Spring 5 begins with the Spring framework's core features, exploring the integration of different Spring projects. It proceeds to evaluate various Spring specifications to identify those adversely affecting performance. You will learn about bean wiring configurations, aspect-oriented programming, database interaction, and Hibernate to focus on the metrics that help identify performance bottlenecks. You will also look at application monitoring, performance optimization, JVM internals, and garbage collection optimization. Lastly, the book will show you how to leverage the microservice architecture to build a high performance and resilient application. By the end of the book, you will have gained an insight into various techniques and solutions to build and troubleshoot high performance Spring-based applications. What you will learn Master programming best practices and performance improvement with bean

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wiring Analyze the performance of various AOP implementations Explore database interactions with Spring to optimize design and configuration Solve Hibernate performance issues and traps Leverage multithreading and concurrent programming to improve application performance Gain a solid foundation in JVM performance tuning using various tools Learn the key concepts of the microservice architecture and how to monitor them Perform Spring Boot performance tuning, monitoring, and health checks Who this book is for If you ' re a Spring developer who ' d like to build high performance applications and have more control over your application's performance in production and development, this book is for you. Some familiarity with Java, Maven, and Eclipse is necessary.