

## Liferay Portal 5 Installation Guide

Professional Portal Development with Open Source Tools  
Example Liferay User Interface Development  
Alfresco for Administrators  
Liferay Portal 6.2 Enterprise Intranets Principles for Success  
Liferay in Action  
Java Concurrency in Practice  
Liferay Portal Administrator's Guide, 3rd Edition  
MySQL 8 Administrator's Guide  
Liferay Portal 5.2 Systems Development  
Spring 5.0 Projects  
Liferay Administrator's Guide, 2nd Edition  
Building Digital Experience Platforms  
Joomla! 2.5 Beginner's Guide  
Liferay 6.2 Intranet Portal Development Guide  
Mastering Apache Solr 7.x  
Practical Liferay  
Documentum 6.5 Content Management Foundations  
Liferay Portal Systems Development  
Portlets in Action  
Liferay 6.x Portal Enterprise Intranets Cookbook  
Web Crawling and Data Mining with Apache Nutch  
Book of Vaadin  
Java 9 Dependency Injection  
Mule Esb Cookbook  
Hadoop Backup and Recovery Solutions  
Alfresco Developer Guide  
Liferay Portal Performance Best Practices  
JavaServer Faces 2.0, The Complete Reference  
Head First jQuery  
Activiti 5.x Business Process Management Beginner's Guide  
Liferay Beginner's Guide  
Installation and Configuration Guide for MicroStrategy 9. 3  
Instant Liferay Portal 6 Starter  
Using Liferay Portal 6.2  
Liferay Administrator's Guide  
Professional Alfresco  
Building a Pentesting Lab for Wireless Networks  
Hands-On High Performance with Spring 5

## **Professional Portal Development with Open Source Tools**

### **PhoneGap By Example**

Use PhoneGap to apply web development skills and learn variety of cross-platform mobile applications About This Book Utilize the robust features of the mobile hybrid approach to develop, test, and publish mobile applications using the PhoneGap framework Use your web skills for hybrid mobile application development and deliver to many mobile platforms without rewriting the code Develop a set of ready-to-use mobile applications with this practical, comprehensive, step-by-step guide Who This Book Is For If you are a web developer with some experience in development of single page applications and want to enter the world of mobile applications, then this technology and book is ideal for you. Since PhoneGap maintains an incredibly easy-to-use plugin interface, no previous experience in native languages development (such as Objective-C or Java) is required. What You Will Learn Set up plugins to access the camera and filesystem to capture media Build a custom RESTful service and integrate it with a PhoneGap application Integrate a HTML5 Canvas element to create mobile games Build scalable applications using a modern mobile web framework Interact with RESTful services from a mobile application Build an audio/video chat facility using PhoneGap and

WebRTC technologies Develop a PhoneGap plugin with native interfaces for iOS and Android In Detail PhoneGap is a free and open source framework that allows you to create mobile apps using standardized web APIs for the platforms you care about. It is one of the first and fastest spreading tools to develop hybrid applications using CSS, JavaScript, and HTML, without losing the advantages of native applications. If you are already a web developer, this book will provide you with the skills you need to create, customize, test, and deploy hybrid mobile applications. Starting from the beginning, this book will cover how to set up your PhoneGap development environment, add mobile web frameworks and plugins, design and customize the application layout, and utilize the embedded features of the PhoneGap framework. By working through the steps in each chapter, you will quickly master a variety of mobile applications with totally different approaches. You will then learn how to develop a PhoneGap plugin with native interfaces for iOS and Android, as well as common approaches to test PhoneGap applications. With ample screenshots that show you how to build a phenomenal application, PhoneGap by Example will ensure your success with this cutting-edge mobile development framework for hybrid applications. Style and approach An easy-to-follow guide packed with hands-on examples of real-world mobile applications. Each topic is explained sequentially in the process of creating a hybrid mobile application, and detailed explanations of the basic and advanced features of PhoneGap are included.

## Liferay User Interface Development

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, Gateln, 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

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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)

### **Alfresco for Administrators**

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 Portal 6.2 Enterprise Intranets**

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

### **Principles for Success**

Want to add more interactivity and polish to your websites? Discover how jQuery can help you build complex scripting functionality in just a few lines of code. With Head First jQuery, you'll quickly get up to speed on this amazing JavaScript library by learning how to navigate HTML documents while handling events, effects, callbacks, and animations. By the time you've completed the book, you'll be incorporating Ajax apps, working seamlessly with HTML and CSS, and handling data with PHP, MySQL and JSON. If you want to learn—and understand—how to create interactive web pages, unobtrusive script, and cool animations that don't kill your browser, this book is for you. Use jQuery with DOM to overcome the limitations of HTML and CSS Learn how jQuery selectors and actions work together Write functions and wire them to interface elements Use jQuery effects to create actions on the page Make your pages come alive with animation Build interactive web pages with jQuery and Ajax Build forms in web applications

### **Liferay in Action**

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.

### **Java Concurrency in Practice**

If you are a Java developer or administrator with a technical background and want to install and configure Liferay Portal as an enterprise intranet, this is the book for you. In short, reusable recipes help you realize business goals as working features in Liferay. This book will also give you useful hints on how to easily improve the default functionality of the system and its performance.

### **Liferay Portal Administrator's Guide, 3rd Edition**

Summary Liferay in Action is a comprehensive and authoritative guide to building portals on the Liferay 6 platform. Fully supported and authorized by Liferay, this book guides you smoothly from your first exposure to Liferay through the crucial day-to-day tasks of building and maintaining an enterprise portal that works well

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within your existing IT infrastructure. About the Technology A portal is a website built around a collection of components that request, display, and share information. Liferay Portal 6, an enterprise-ready development platform, makes it a snap to build portals that integrate with your existing backend systems and provide a rich interactive user experience. Because Liferay uses standard Java and JavaScript, along with built-in SOAP and JSON support for web services, developers can be productive immediately. And since it's available in both a free, open source version as well as a fully-supported commercial edition, it's an affordable solution for almost any business or organization About the Book Liferay in Action is the official guide to building Liferay portal applications using Java and JavaScript. If you've never used Liferay before, don't worry. This book starts with the basics: setting up your development environment and creating a working portal. Then, it builds on that foundation to help you discover social features, tagging, ratings, and more. You'll also explore the Portlet 2.0 API, and learn to create custom themes and reusable templates. Experienced developers will learn how to use new Liferay APIs to build social and collaborative sites, use the message bus and workflow, implement indexing and search, and more. This book was developed in close collaboration with Liferay engineers, so it answers the right questions, and answers them in depth. No experience with Liferay or the Portlets API is required, but basic knowledge of Java and web technology is assumed. 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 Liferay

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Portal 6 Covers both the commercial and open source versions Custom portlet development using the Portlet 2.0 spec Liferay's social network API Add functionality with hooks and Ext plugins

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PART 1 WORKING WITH LIFERAY AND PORTLETS The Liferay difference Getting started with the Liferay development platform  
PART 2 WRITING APPLICATIONS ON LIFERAY'S PLATFORM A data-driven portlet made easy MVC the Liferay way Designing your site with themes and layout templates Making your site social Enabling user collaboration  
PART 3 CUSTOMIZING LIFERAY Hooks Extending Liferay effectively A tour of Liferay APIs

### **MySQL 8 Administrator's Guide**

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

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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 Portal 5.2 Systems Development**

#### **Spring 5.0 Projects**

An entertaining, illustrated adaptation of Ray Dalio's Principles, the #1 New York Times bestseller that has sold more than two million copies worldwide. Principles for Success distills Ray Dalio's 600-page bestseller, Principles: Life & Work, down to an easy-to-read and entertaining format that's accessible to readers of all ages. It contains the key elements of the unconventional principles that helped Dalio become one of the world's most successful people—and that have now been read and shared by millions worldwide—including how to set goals, learn from mistakes, and collaborate with others to produce exceptional results. Whether you're already a fan of the ideas in Principles or are discovering them for the first time, this illustrated guide will help you achieve success in having the life that you want to

have.

### **Liferay Administrator's Guide, 2nd Edition**

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.

### **Building Digital Experience Platforms**

Discover the latest features of Spring framework by building robust, fast, and reactive web applications Key Features Take advantage of all the features of Spring 5.0 with third party tools to build a robust back end Secure Spring based web application using Spring Security framework with LDAP and OAuth protocol Develop robust and scalable microservice based applications on Spring Cloud, using Spring Boot Book 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

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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 learn Build Spring based application using Bootstrap template and JQuery Understand the Spring WebFlux framework and how it uses Reactor library Interact with Elasticsearch for indexing, querying, and aggregating data Create a simple monolithic application using JHipster Use Spring Security and Spring Security LDAP and OAuth libraries for Authentication Develop a microservice-based application with Spring Cloud and Netflix Work on Spring Framework with Kotlin Who 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.

### **Joomla! 2.5 Beginner's Guide**

Welcome to the world of Liferay Portal! This book was written for anyone who has any part in setting up, using, or maintaining a web site built on Liferay Portal. What's New: Everything from the old book has been updated to reflect the release of Liferay Portal 6.2. There is also complete coverage of Liferay's new features, such as web content folders, the Recycle Bin, Audience Targeting, Application Display Templates, and more. You'll learn about Liferay Marketplace as well as the Plugin Security Manager. Mobile devices are first-class citizens in Liferay Portal 6.2, and we cover how to serve sites to mobile devices, using responsive layouts and mobile device rules. We cover the new, split Control Panel UI, which is much more convenient, especially for those who want to grant access to content functionality, but not administration of the overall portal. We also cover the enhancements to staging and the many new settings for sites, including membership management, site hierarchies, and more.

### **Liferay 6.2 Intranet Portal Development Guide**

Learn the technical fundamentals of Documentum 6.5, develop insights with

illustrated examples from a real-life business scenario, and ace the E20-120 exam with this book and eBook.

### **Mastering Apache Solr 7.x**

With this book you will learn in a step-by-step manner and build solutions from the ground up using Mule ESB. Each task is well illustrated through recipes and the code contained in the examples is very engaging. This book targets Java developers, architects, and IT managers who want to learn MuleESB and get solutions to their Enterprise and Web Service problem. This book requires familiarity with Java, but no previous exposure to Mule or other ESBs is required.

### **Practical Liferay**

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

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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

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### **Documentum 6.5 Content Management Foundations**

Liferay Portal is the leading open-source enterprise portal framework that uses Java and Web 2.0 technologies. Web portals often function as a point of access to information on the World Wide Web. Web portals, such as Yahoo!, present information from diverse sources in a unified way. Aside from the search engine standard, web portals offer other services such as e-mail, news, stock prices, infotainment, and various other features. Portals provide a means for enterprises to supply a consistent look and feel with access control and procedures for multiple applications that otherwise would have been separate entities altogether. So, how do developers bring existing applications, as well as integrate content management systems and search engines, into a portal? And how do developers get started with the Liferay Portal engine? In Practical Liferay: Java-based Portal Applications Development, Dr. Poornachandra Sarang answers these questions and

more. This book is for those who want to learn how to use Liferay to develop vertical or company-specific web portals and beyond. The book will serve as a practical guide to learning Liferay and developing real-world web portals.

### **Liferay Portal Systems Development**

Develop a powerful and rich user interface with Liferay Portal 6.0.

### **Portlets in Action**

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.

### **Liferay 6.x Portal Enterprise Intranets Cookbook**

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 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

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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.

## **Web Crawling and Data Mining with Apache Nutch**

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

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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.

### **Book of Vaadin**

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.

### **Java 9 Dependency Injection**

Threads are a fundamental part of the Java platform. As multicore processors become the norm, using concurrency effectively becomes essential for building high-performance applications. Java SE 5 and 6 are a huge step forward for the development of concurrent applications, with improvements to the Java Virtual Machine to support high-performance, highly scalable concurrent classes and a rich set of new concurrency building blocks. In *Java Concurrency in Practice*, the creators of these new facilities explain not only how they work and how to use them, but also the motivation and design patterns behind them. However, developing, testing, and debugging multithreaded programs can still be very difficult; it is all too easy to create concurrent programs that appear to work, but fail when it matters most: in production, under heavy load. *Java Concurrency in*

Practice arms readers with both the theoretical underpinnings and concrete techniques for building reliable, scalable, maintainable concurrent applications. Rather than simply offering an inventory of concurrency APIs and mechanisms, it provides design rules, patterns, and mental models that make it easier to build concurrent programs that are both correct and performant. This book covers: Basic concepts of concurrency and thread safety Techniques for building and composing thread-safe classes Using the concurrency building blocks in `java.util.concurrent` Performance optimization dos and don'ts Testing concurrent programs Advanced topics such as atomic variables, nonblocking algorithms, and the Java Memory Model

### **Mule Esb Cookbook**

Get to grips with a new technology, understand what it is and what it can do for you, and then get to work with the most important features and tasks. A simple Starter approach towards understanding significant areas of portals such as content management, document management, and collaboration. It also provides an overview of Liferay concepts and terminologies. Instant Liferay Portal 6 Starter is great for new users who want to know what Liferay is all about. It will quickly give them an overview about Liferay Portal and its features. It is also good for those who want to analyze whether Liferay is fit for their requirements and are interested in what unique features Liferay can offer.

## **Hadoop Backup and Recovery Solutions**

Step by step guide to monitor, manage, and secure your database engine Key Features Your companion to master all the administration-related tasks in MySQL 8 Ensure high performance and high availability of your MySQL solution using effective replication and backup techniques A comprehensive guide to performing query optimization, security and a whole host of other administrative tasks in MySQL 8 Book Description MySQL is one of the most popular and widely used relational databases in the world today. The recently released version 8.0 brings along some major advancements in the way your MySQL solution can be administered. This handbook will be your companion to understand the newly introduced features in MySQL and how you can leverage them to design a high-performance MySQL solution for your organization. This book starts with a brief introduction to the newly introduced features in MySQL 8, followed by quickly jumping onto the crucial administration topics that you will find useful in your day to day work. Topics such as migrating to MySQL 8, MySQL benchmarking, achieving high performance by implementing the indexing techniques, and optimizing your queries are covered in this book. You will also learn how to perform replication, scale your MySQL solution and implement effective security techniques. A special section on the common and not so common troubleshooting techniques for effective MySQL administration is also covered in this book. By the end of this highly practical book, you will have all the knowledge you need to

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tackle any problem you might encounter while administering your MySQL solution. What you will learn Understanding different MySQL 8 data types based on type of contents and storage requirements Best practices for optimal use of features in MySQL 8 Explore globalization configuration and caching techniques to improve performance Create custom storage engine as per system requirements Learn various ways of index implementation for flash memory storages Configure and implement replication along with approaches to use replication as solution Understand how to make your MySQL 8 solution highly available Troubleshoot common issues and identify error codes while using MySQL 8 Who this book is for This book is intended for MySQL administrators who are looking for a handy guide covering all the MySQL administration-related tasks. If you are a DBA looking to get started with MySQL administration, this book will also help you. Knowledge of the basic database concepts is required to get started with this book.

### **Alfresco Developer Guide**

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.

### **Liferay Portal Performance Best Practices**

Build your own secure enterprise or home penetration testing lab to dig into the various hacking techniques About This Book Design and build an extendable penetration testing lab with wireless access suitable for home and enterprise use Fill the lab with various components and customize them according to your own needs and skill level Secure your lab from unauthorized access and external attacks Who This Book Is For If you are a beginner or a security professional who wishes to learn to build a home or enterprise lab environment where you can safely practice penetration testing techniques and improve your hacking skills, then this book is for you. No prior penetration testing experience is required, as the lab environment is suitable for various skill levels and is used for a wide range of techniques from basic to advance. Whether you are brand new to online learning or you are a seasoned expert, you will be able to set up your own hacking playground depending on your tasks. What You Will Learn Determine your needs and choose the appropriate lab components for them Build a virtual or hardware lab network Imitate an enterprise network and prepare intentionally vulnerable software and services Secure wired and wireless access to your lab Choose a penetration testing framework according to your needs Arm your own wireless hacking platform Get to know the methods to create a strong defense mechanism

for your system In Detail Starting with the basics of wireless networking and its associated risks, we will guide you through the stages of creating a penetration testing lab with wireless access and preparing your wireless penetration testing machine. This book will guide you through configuring hardware and virtual network devices, filling the lab network with applications and security solutions, and making it look and work like a real enterprise network. The resulting lab protected with WPA-Enterprise will let you practice most of the attack techniques used in penetration testing projects. Along with a review of penetration testing frameworks, this book is also a detailed manual on preparing a platform for wireless penetration testing. By the end of this book, you will be at the point when you can practice, and research without worrying about your lab environment for every task. Style and approach This is an easy-to-follow guide full of hands-on examples and recipes. Each topic is explained thoroughly and supplies you with the necessary configuration settings. You can pick the recipes you want to follow depending on the task you need to perform.

### **JavaServer Faces 2.0, The Complete Reference**

Apache Nutch helps you to create your own search engine and customize it according to your needs. You can integrate Apache Nutch very easily with your existing application and get the maximum benefit from it. It can be easily integrated with different components like Apache Hadoop, Eclipse, and MySQL.

'Web Crawling and Data Mining with Apache Nutch' shows you all the necessary steps to help you in crawling webpages for your application and using them to make your application searching more efficient. You will create your own search engine and will be able to improve your application page rank in searching.

### **Head First jQuery**

Create clean code with Dependency Injection principles Key Features Use DI to make your code loosely coupled to manage and test your applications easily on Spring 5 and Google Guice Learn the best practices and methodologies to implement DI Write more maintainable Java code by decoupling your objects from their implementations Book Description Dependency Injection (DI) is a design pattern that allows us to remove the hard-coded dependencies and make our application loosely coupled, extendable, and maintainable. We can implement DI to move the dependency resolution from compile-time to runtime. This book will be your one stop guide to write loosely coupled code using the latest features of Java 9 with frameworks such as Spring 5 and Google Guice. We begin by explaining what DI is and teaching you about IoC containers. Then you'll learn about object compositions and their role in DI. You'll find out how to build a modular application and learn how to use DI to focus your efforts on the business logic unique to your application and let the framework handle the infrastructure work to put it all together. Moving on, you'll gain knowledge of Java 9's new features and modular

framework and how DI works in Java 9. Next, we'll explore Spring and Guice, the popular frameworks for DI. You'll see how to define injection keys and configure them at the framework-specific level. After that, you'll find out about the different types of scopes available in both popular frameworks. You'll see how to manage dependency of cross-cutting concerns while writing applications through aspect-oriented programming. Towards the end, you'll learn to integrate any third-party library in your DI-enabled application and explore common pitfalls and recommendations to build a solid application with the help of best practices, patterns, and anti-patterns in DI. What you will learn Understand the benefits of DI and fo from a tightly coupled design to a cleaner design organized around dependencies See Java 9's new features and modular framework Set up Guice and Spring in an application so that it can be used for DI Write integration tests for DI applications Use scopes to handle complex application scenarios Integrate any third-party library in your DI-enabled application Implement Aspect-Oriented Programming to handle common cross-cutting concerns such as logging, authentication, and transactions Understand IoC patterns and anti-patterns in DI Who this book is for This book is for Java developers who would like to implement DI in their application. Prior knowledge of the Spring and Guice frameworks and Java programming is assumed.

### **Activiti 5.x Business Process Management Beginner's Guide**

Being a Packt Beginner's Guide, each chapter follows an easy to understand approach with plenty of screenshots and clear and concise steps to guide you throughout. This book is primarily intended for Business Analysts (BAs) who need to develop a process model for implementation in a Business Process Management system. The book assumes that you have basic knowledge of business analysis; however, no Activiti or Java knowledge is required.

### **Liferay Beginner's Guide**

What is this book about? Open source technology enables you to build customized enterprise portal frameworks with more flexibility and fewer limitations. This book explains the fundamentals of a powerful set of open source tools and shows you how to use them. An outstanding team of authors provides a complete tutorial and reference guide to Java Portlet API, Lucene, James, and Slide, taking you step-by-step through constructing and deploying portal applications. You trace the anatomy of a search engine and understand the Lucene query syntax, set up Apache James configuration for a variety of servers, explore object to relational mapping concepts with Jakarta OJB, and acquire many other skills necessary to create J2EE portals uniquely suited to the needs of your organization. Loaded with code-intensive examples of portal applications, this book offers you the know-how to free your development process from the restrictions of pre-packaged solutions. What does this book cover? Here's what you will learn in this book: How to

evaluate business requirements and plan the portal How to develop an effective browser environment How to provide a search engine, messaging, database inquiry, and content management services in an integrated portal application How to develop Web services for the portal How to monitor, test, and administer the portal How to create portlet applications compliant with the Java Portlet API How to reduce the possibility of errors while managing the portal to accommodate change How to plan for the next generation application portal Who is this book for? This book is for professional Java developers who have some experience in portal development and want to take advantage of the options offered by open source tools.

### **Installation and Configuration Guide for MicroStrategy 9. 3**

Written with a fast-paced but friendly and engaging approach, this Packt Beginner's guide is designed to be placed alongside the computer as your guide and mentor. Step-by-step tutorials are bolstered by explanations of the reasoning behind what you are doing. You will quickly pick up the necessary skills, tips, and tricks for building a successful Joomla! website. This book is written for beginners to website design. By the end of the book you will have built a complete custom content managed website, and be ready to build any kind of website.

### **Instant Liferay Portal 6 Starter**

The Definitive Guide to JavaServer Faces 2.0 Fully revised and updated for all of the changes in JavaServer Faces (JSF) 2.0, this comprehensive volume covers every aspect of the official standard Web development architecture for JavaEE. Inside this authoritative resource, the co-spec lead for JSF at Sun Microsystems shows you how to create dynamic, cross-browser Web applications that deliver a world-class user experience while preserving a high level of code quality and maintainability. JavaServer Faces 2.0: The Complete Reference features an integrated sample application to use as a model for your own JSF applications, with code available online. The book explains all JSF features, including the request processing lifecycle, managed beans, page navigation, component development, Ajax, validation, internationalization, and security. Expert Group Insights throughout the book offer insider information on the design of JSF. Set up a development environment and build a JSF application Understand the JSF request processing lifecycle Use the Facelets View Declaration Language, managed beans, and the JSF expression language (EL) Define page flow with the JSF Navigation Model, including the new "Implicit Navigation" feature Work with the user interface component model and the JSF event model, including support for bookmarkable pages and the POST, REDIRECT, GET pattern Use the new JSR-303 Bean Validation standard for model data validation Build Ajax-enabled custom UI components Extend JSF with custom non-UI components Manage security, accessibility,

internationalization, and localization Learn how to work with JSF and Portlets from the JSF Team Leader at Liferay, the leading Java Portal vendor Ed Burns is a senior staff engineer at Sun Microsystems and is the co-specification lead for JavaServer Faces. He is the co-author of JavaServer Faces: The Complete Reference and author of Secrets of the Rock Star Programmers. Chris Schalk is a developer advocate and works to promote Google's APIs and technologies. He is currently engaging the international Web development community with the new Google App Engine and OpenSocial APIs. Neil Griffin is committer and JSF Team Lead for Liferay Portal and the co-founder of The PortletFaces Project. Ready-to-use code at [www.mhprofessional.com/computingdownload](http://www.mhprofessional.com/computingdownload)

### **Using Liferay Portal 6.2**

A fast-paced administrator's guide to Alfresco from the administration, managing, and high-level design perspectives About This Book Understand system capabilities in order to make informed and appropriate decisions about its administration Manage users, groups, email, file systems, and transformer availability using Alfresco Use Alfresco to capture and efficiently manage information about repositories, servers, and statistics Who This Book Is For The target audience would be users with a basic knowledge of Content Management System, and also users who want to understand Alfresco from the administration and high-level design perspectives. What You Will Learn Understand Alfresco's architecture and

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important building blocks Learn to install Alfresco on various application servers such as Tomcat , JBoss, and WebLogic. Become familiar with various configurations in Alfresco such as databases, filesystems, email, and audits Administrate Alfresco using the Explorer Admin Console, Share Admin Console, and Workflow Admin Console Understand how to integrate LDAP and Active Directory with Alfresco for centralized user management Learn how Alfresco environments can be clustered for high availability Fully understand how Alfresco stores content and easily retrieve any information from Alfresco Monitor and manage Alfresco systems in production In Detail Alfresco is an open source Enterprise Content Management (ECM) system for Windows and Linux-like operating systems. The year-on-year growth of business connections, contacts, and communications is expanding enterprise boundaries more than ever before. Alfresco enables organizations to collaborate more effectively, improve business process efficiency, and ensure information governance. The basic purpose of Alfresco is to help users to capture and manage information in a better way. It helps you capture, organize, and share binary files. This book will cover the basic building blocks of an Alfresco system, how the components fit together, and the information required to build a system architecture. This book will also focus on security aspects of Alfresco. such as authentication, troubleshooting, managing permissions, and so on. It will also focus on managing content and storage, indexing and searches, setting up clustering for high availability, and so forth. Style and approach A step-by-step guide to understanding the Alfresco system and making informed and appropriate decisions

about administration.

### **Liferay Administrator's Guide**

Use digital experience platforms (DXP) to improve your development productivity and release timelines. Leverage the pre-integrated feature sets of DXPs in your organization's digital transformation journey to quickly develop a personalized, secure, and robust enterprise platform. In this book the authors examine various features of DXPs and provide rich insights into building each layer in a digital platform. Proven best practices are presented with examples for designing and building layers. A special focus is provided on security and quality attributes needed for business-critical enterprise applications. The authors cover modern and emerging digital trends such as Blockchain, IoT, containers, chatbots, artificial intelligence, and more. The book is divided into five parts related to requirements/design, development, security, infrastructure, and case study. The authors employ proven real-world methods, best practices, and security and integration techniques derived from their rich experience. An elaborate digital transformation case study for a banking application is included. What You'll Learn Develop a digital experience platform from end to end Understand best practices and proven methods for designing overall architecture, user interface and integration components, security, and infrastructure Study real-world cases, including an elaborate digital transformation building an enterprise platform for a

banking application Know the open source tools and technology frameworks that can be used to build DXPs Who This Book Is For Web developers, full stack developers, digital enthusiasts, digital project managers, and architects

### **Professional Alfresco**

Hadoop offers distributed processing of large datasets across clusters and is designed to scale up from a single server to thousands of machines, with a very high degree of fault tolerance. It enables computing solutions that are scalable, cost-effective, flexible, and fault tolerant to back up very large data sets from hardware failures. Starting off with the basics of Hadoop administration, this book becomes increasingly exciting with the best strategies of backing up distributed storage databases. You will gradually learn about the backup and recovery principles, discover the common failure points in Hadoop, and facts about backing up Hive metadata. A deep dive into the interesting world of Apache HBase will show you different ways of backing up data and will compare them. Going forward, you'll learn the methods of defining recovery strategies for various causes of failures, failover recoveries, corruption, working drives, and metadata. Also covered are the concepts of Hadoop matrix and MapReduce. Finally, you'll explore troubleshooting strategies and techniques to resolve failures.

## **Building a Pentesting Lab for Wireless Networks**

Liferay Portal 5.2 Systems Development

### **Hands-On High Performance with Spring 5**

A timely and authoritative guide, written by the Chief Architect and Founder of Alfresco Alfresco is considered the leading open source solution for Web and Content Management. What makes Alfresco unique is its services, which can be easily extended with web scripts via RESTful services. Written by an author team that includes the chief architect and the founder of Alfresco, this comprehensive guide provides in-depth coverage of the Alfresco architecture and services and shows how to extend them through Web scripts to meet real business needs. You'll learn how to use Alfresco services to create effective content management solutions while detailed code examples show you how to extend Alfresco with Web scripts using RESTful services to deliver custom solutions. Features detailed, working code examples that demonstrate how to extend Alfresco with Web scripts Written by the Chief Architect and other key Alfresco insiders, ensuring that this book is both authoritative and up-to-date Shows how to integrate Alfresco with Drupal and Joomla portal solutions Covers the upcoming Alfresco 3.2 release Includes real-world case examples of increasing levels of sophistication and

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complexity The companion Web site contains all source code examples in the book. You'll benefit from this timely resource that shows how to get the most from Alfresco for specific business requirements.

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