

## Liferay 61 Installation Guide

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.

Ray Stedman shows you how to recapture the vigor and authenticity of the early church—a radical body of enthusiastic believers who spread the Word of God throughout the world! This book—considered a classic by many—brings you challenging questions that make Body Life both personal and practical. Body Life is a groundbreaking book inspiring churches and disciples to return to New Testament Christianity. Using principles from Romans 12, 1 Corinthians 12, and Ephesians 4, Stedman helps you discover the dynamic purpose of the church and the exciting role you have to play in the body of Christ.

Structure templates and content within Sitecore, work with integrated tools, and leverage its extensive automation capabilities. Sitecore was recently recognized as one of the most reputable and reliable, enterprise-class web content management solutions (WCMS) available in the marketplace. Thousands of companies are using Sitecore to manage their digital experiences online. Because Sitecore is such a large, complex platform, developers often have a hard time coming up to speed, even after completing a Sitecore training course for developers. However, leveraging the design patterns and other practices laid out in this book will make that transition much easier. Professional Sitecore 8 Development provides a soup-to-nuts approach for a Sitecore rookie to come up to speed quickly, as well as provide more advanced techniques for seasoned veterans that they may not be exposed to otherwise. Key coverage areas include: Getting started with Sitecore development Front-end development techniques Incorporating design patterns into your Sitecore solutions Unit testing Sitecore applications Programming Sitecore's marketing capabilities Sitecore automation with PowerShell Advanced development techniques What you'll learn Develop solutions on the Sitecore platform Come up to speed on Sitecore without going through a training class Build front-end (HTML, CSS, Angular, etc.) solutions as well as back-end (C#) solutions on Sitecore Incorporate design patterns into your Sitecore solutions Make use of advanced Sitecore development techniques Who This Book Is For The book is a developer's companion, both front end and back end developers. The target audience is both developers who have zero Sitecore experience, as well as seasoned veterans looking for advanced best practices. A secondary audience would be Sitecore administrators who would benefit from discussions around performance tuning and security.

DRUGS ACROSS THE SPECTRUM encourages you to examine the motivation for drug use, social implications of drug use, legal ramifications, and factors affecting how drugs interact with the human body. It provides a look at the history and culture surrounding drug use and abuse, key information regarding specific types of drugs, and a review of drug treatment, education, and prevention approaches and programs. Utilizing active learning features like Fact or Fiction and Thinking Critically questions, Goldberg offers an engaging book that helps readers personally understand the issues of drugs in society. Available with InfoTrac Student Collections <http://gocengage.com/infotrac>. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

This guide includes a selection of shark and ray species occurring in the Wider Caribbean Region, that is the waters of the Caribbean Sea, Gulf of Mexico, and the waters of the Atlantic Ocean adjacent thereto. In total, 41 shark and 20 ray species selected as being most relevant to commercial fisheries or vulnerable to exploitation due to their life history characteristics, are included. Of these, 29 shark and 9 ray species are presented in a full species card and depicted with a colour illustration and photo. Additionally, short accounts of 12 shark and 11 ray species that are less common in the region and could be misidentified with more common species, are also included. These are depicted with a black and white illustration and key distinguishing features are highlighted allowing for easy and accurate identification in the field. This guide is intended to help fishery workers collecting catch data in the field in the identification of the sharks and rays they might encounter for the specific purpose of improving the quality of catch and landings data.

Trafficking in human organs is an emerging criminal activity which presents a clear danger to both individual and public health, while breaching human rights and fundamental freedoms. The Council of Europe Convention against Trafficking in Human Organs seeks to protect individual rights by addressing this illegal act from a criminal law perspective. The Convention aims to tackle this crime both at national and international levels by harmonising national legislation, identifying the various offences that constitute trafficking in human organs and laying down the foundation for more efficient cross-border co-operation. It also covers preventive measures and the legal situation of the victims. Wide accession to the Convention is essential in the fight against a crime that is, more often than not, transnational in scope.

This is a Cookbook with easy-to-follow recipes, containing practical and detailed examples which are all fully backed up with code, illustrations, and tips to dig deep into Backbone.js. This book is great for JavaScript developers who want to learn how to build advanced frontend applications with the Backbone.js framework. This book can be used in educational institutions to teach students how to build frontend applications in an MVC manner. It's assumed that you have some experience in jQuery, and are familiar with HTML.

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 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 Adminstrate 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.

This is the first book written on using Blender (an open-source visualization suite widely used in the entertainment and gaming industries) for scientific visualization. It is a practical and interesting introduction to Blender for understanding key parts

This book is a practical guide to discovering and exploiting security flaws in web applications. The authors explain each category of vulnerability using real-world examples, screen shots and code extracts. The book is extremely practical in focus, and describes in detail the steps involved in detecting and exploiting each kind of security weakness found within a variety of applications such as online banking, e-commerce and other web applications. The topics covered include bypassing login mechanisms, injecting code, exploiting logic flaws and compromising other users. Because every web application is different, attacking them entails bringing to bear various general principles, techniques and experience in an imaginative way. The most successful hackers go beyond this, and find ways to automate their bespoke attacks. This handbook describes a proven methodology that combines the virtues of human intelligence and computerized brute force, often with devastating results. The authors are professional penetration testers who have been involved in web application security for nearly a decade. They have presented training courses at the Black Hat security conferences throughout the world. Under the alias "PortSwigger", Dafydd developed the popular Burp Suite of web application hack tools.

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.

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.

Christoph Riedl elaborates conceptual solutions and tool support for networked environments. The author draws on the fields of new service development and open innovation, in particular building on online communities. Based on the design science paradigm, the author offers guidelines how tool support for online innovation communities can be developed.

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.

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 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 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 ===== Table of Contents 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

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.

Prepare for the Pivotal Certified Spring Web Application Developer exam and learn about Spring MVC DispatcherServlet configuration, Spring MVC programming model essentials, Spring MVC views and form processing, Spring Web Flow essentials, and Spring Web Flow actions and configuration. The Pivotal Certified Spring Web Application Developer Exam: A Study Guide is the ideal preparation for the exam and after reading and using it, you'll be able to pass and become a certified Spring Web Developer. When you become a Pivotal Certified Spring Web Application Developer, you'll receive one of the most valuable credentials available in enterprise Java. Achieving this certification demonstrates your ability to apply Spring's web projects to develop real-world Java web applications and validates your familiarity with Spring Web.

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

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.

#1 New York Times Bestseller "Significant...The book is both instructive and surprisingly moving." —The New York Times Ray Dalio, one of the world's most successful investors and entrepreneurs, shares the unconventional principles that he's developed, refined, and used over the past forty years to create unique results in both life and business—and which any person or organization can adopt to help achieve their goals. In 1975, Ray Dalio founded an investment firm, Bridgewater Associates, out of his two-bedroom apartment in New York City. Forty years later, Bridgewater has made more money for its clients than any other hedge fund in history and grown into the fifth most important private company in the United States, according to Fortune magazine. Dalio himself has been named to Time magazine's list of the 100 most influential people in the world. Along the way, Dalio discovered a set of unique principles that have led to Bridgewater's exceptionally effective culture, which he describes as "an idea meritocracy that strives to achieve meaningful work and meaningful relationships through radical transparency." It is these principles, and not anything special about Dalio—who grew up an ordinary kid in a middle-class Long Island neighborhood—that he believes are the reason behind his success. In Principles, Dalio shares what he's learned over the course of his remarkable career. He argues that life, management, economics, and investing can all be systemized into rules and understood like machines. The book's hundreds of practical lessons, which are built around his cornerstones of "radical truth" and "radical transparency," include Dalio laying out the most effective ways for individuals and organizations to make decisions, approach challenges, and build strong teams. He also describes the innovative tools the firm uses to bring an idea meritocracy to life, such as creating "baseball cards" for all employees that distill their strengths and weaknesses, and employing computerized decision-making systems to make believability-weighted decisions. While the book brims with novel ideas for organizations and institutions, Principles also offers a clear, straightforward approach to decision-making that Dalio believes anyone can apply, no matter what they're seeking to achieve. Here, from a man who has been called both "the Steve Jobs of investing" and "the philosopher king of the financial universe" (CIO magazine), is a rare opportunity to gain proven advice unlike anything you'll find in the conventional business press.

This New York Times bestseller has sold over 50 million copies worldwide, including over 200,000 copies in Australia. Louise's key message in this powerful work is- olf we are willing to do the mental work, almost anything can be healed.o Louise explains how limiting beliefs and ideas are often the cause of illness, and how you can change your thinking and improve the quality of your life! Packed with powerful information - you'll love this gem of a book! This special edition, released to mark Hay House's 30th anniversary, contains 16 pages of photographs.

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.

Implement JPA repositories and harness the performance of Redis in your applications.

IBM® ILOG® Visualization products allow you to create the most advanced graphical user interfaces for line-of-business applications, help users understand their data better, and react to a changing market faster and smarter. This IBM Redbooks® publication describes two IBM Visualization products: IBM ILOG JViews Enterprise and IBM ILOG Elixir® Enterprise. It provides detailed samples and scenarios covering how these products can be integrated with other IBM software such as IBM WebSphere® REST Technology, IBM Cognos®, IBM Mashup Center, IBM WebSphere Business Monitor and Business Space, and IBM WebSphere Dashboard Framework to provide Web 2.0 and Ajax visualization solutions. This book is targeted to application interface developers and programmers who develop highly advanced graphical user interfaces using IBM ILOG Visualization products with IBM Cognos, IBM Mashup Center, IBM WebSphere Business Monitor and Business Space, and IBM WebSphere Dashboard Framework.

Stored procedures can provide major benefits in the areas of application performance, code re-use, security, and integrity. DB2® has offered ever-improving support for developing and operating stored procedures. This IBM® Redpaper™ publication is devoted to tools that can be used for accelerating the development and debugging process, in particular to the stored procedure support provided by the latest and fastest evolving IBM product: Data Studio. We discuss topics related to handling stored procedures across different platforms. We concentrate on how to use tools for deployment of stored procedures on z/OS®, but most considerations apply to the other members of the DB2 family. This paper is a major update of Part 6, "Cool tools for an easier life," of the IBM Redbooks® publication DB2 9 for z/OS Stored Procedures: Through the CALL and Beyond, SG24-7604.

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. 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.

Short, to-the-point, and humorously illustrated by famed outdoor illustrator Mike Clelland, this book presents everything hikers and backpackers need to be safe, comfortable, and well fed while carrying a very small and lightweight pack.

Liferay Administrator's GuideLulu.com

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.

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 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.

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.

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 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.

From legendary investor Ray Dalio, author of the #1 New York Times bestseller Principles, who has spent half a century studying global economies and markets, Principles for Dealing with the Changing World Order examines history's most turbulent economic and political periods to reveal why the times ahead will likely be radically different from those we've experienced in our lifetimes—and to offer practical advice on how to navigate them well. A few years ago, Ray Dalio noticed a confluence of political and economic conditions he hadn't encountered before. They included huge debts and zero or near-zero interest rates that led to massive printing of money in the world's three major reserve currencies; big political and social conflicts within countries, especially the US, due to the largest wealth, political, and values disparities in more than 100 years; and the rising of a world power (China) to challenge the existing world power (US) and the existing world order. The last time that this confluence occurred was between 1930 and 1945. This realization sent Dalio on a search for the repeating patterns and cause/effect relationships underlying all major changes in wealth and power over the last 500 years. In this remarkable and timely addition to his Principles series, Dalio brings readers along for his study of the major empires—including the Dutch, the British, and the American—putting into perspective the “Big Cycle” that has driven the successes and failures of all the world's major countries throughout history. He reveals the timeless and universal forces behind these shifts and uses them to look into the future, offering practical principles for positioning oneself for what's ahead.

Importance of supply chain integration has been shown in many industry sectors. The construction industry is one of the least integrated among all major industries. One of the major reasons is that construction supply chains are unstable and often consist of numerous distributed members, most of which are small and medium construction companies. With the proliferation of the Internet and the current

maturity of web services standards, service oriented architecture (SOA) with open source technologies is a desirable computing model to support construction supply chain integration and collaboration due to its flexibility and low cost. This thesis investigates and demonstrates the potential of the current web services technologies and SOA for construction supply chain collaboration and management, through a prototype service oriented system framework, namely SC Collaborator (Supply Chain Collaborator). SC Collaborator is designed and implemented according to the system requirements for construction supply chain integration. The framework leverages web services and portal technologies, open standards, and open source packages. Although some web services systems allow user connection and integration through web services protocol, their system functions and operations are fixed and not adaptive to changes. The SC Collaborator framework enables flexible reconfiguration of internal service invocation, integration, and system layout without recompilation of the system. To align a collaborative system with the supply chains it integrates, this thesis proposes and demonstrates the incorporation of supply chain models in a service oriented system framework. Specifically, the Supply Chain Operations Reference (SCOR) framework, a widely used model developed by the Supply Chain Council, is employed to model construction supply chains. The SCOR modeling framework provides a generic and hierarchically structured means to specify supply chain networks and processes. The SCOR process elements and operations are wrapped as individual web service units, which are integrated and orchestrated in the service oriented SC Collaborator framework. A case example on a student center construction project is used to illustrate the SCOR modeling framework for performance monitoring. The SC Collaborator framework is also extended to support collaboration among distributed service oriented collaborative systems. Due to the temporary project-based relationship among participants in construction projects, project participants that do not have direct business partnership may hesitate to expose and share sensitive and proprietary information with each other. The distributed SC Collaborator framework allows users to specify shared information and data. This thesis discusses how information consistency is ensured among distributed SC Collaborator systems. The distributed network of SC Collaborator systems is tested with a case scenario of a completed expansion project of a three-storey residential building.

In recent years, a considerable amount of effort has been devoted, both in industry and academia, to the development, validation and verification of critical systems, i.e. those systems whose malfunctions or failures reach a critical level both in terms of risks to human life as well as having a large economic impact. Certifications of Critical Systems - The CECRIS Experience documents the main insights on Cost Effective Verification and Validation processes that were gained during work in the European Research Project CECRIS (Certification of Critical Systems). The objective of the research was to tackle the challenges of certification by focusing on those aspects that turn out to be more difficult/important for current and future critical systems industry: the effective use of methodologies, processes and tools. Starting from both the scientific and industrial state of the art methodologies for system development and the impact of their usage on the verification and validation and certification of critical systems, the project aimed at developing strategies and techniques supported by automatic or semi-automatic tools and methods for these activities, setting guidelines to support engineers during the planning of the verification and validation phases.

10 secrets to gaining personal and financial freedom for you and your family, from two top marketing experts and entrepreneurs From living on Jess's wages as a makeup counter sales clerk, to achieving dramatic success as network marketing partners, to running a multi-million-dollar coaching and training company today, Ray and Jessica Higdon have built their lives on a shared desire for freedom and balance. Now they want to help you do the same, and do it all from the comfort of your own home! With 10 simple rules for redefining what's possible in your life, this book will help you build confidence, shift your mindset, and learn the tools to take control of your life and start on a path toward your own definition of freedom. Whether "success" for you means being your own boss full-time, taking an extended parental leave without worrying about how to pay the bills, or saving money to send your child to college, you can follow these rules to make a positive change in your life. You'll learn to:

- Make room for change in your life by banishing doubt and anxiety
- Create a vision for your personal brand of freedom outside the corporate grind of the status quo
- Talk about and make money without shame--the money you have and the money you want
- Wave good-bye to your inner perfectionist
- Know exactly what to do on a daily basis to make more money from home
- Have a commitment strategy, not an exit strategy
- Always remember that money can't buy happiness!

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.

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.

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