

Liferay Documentation

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.

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.

Summary Portlets in Action is a comprehensive, hands-on guide to building portlet-driven applications in Java. Covers Portlet 2.0, Spring 3.0 Portlet MVC, WSRP 2.0, Portlet Bridges, Ajax, Comet, Liferay, GateIn, Spring JDBC, and Hibernate. About the Technology Portlets are the small Java applications that run within a portal. Good portlets work independently and also communicate fluently with the portal, other portlets, as well as outside servers and information sources. Using Java's Portlet 2.0 API and portal servers like Liferay, you can build flexible, stable business portals without the design overhead required by other application styles.

About the Book Portlets in Action is a comprehensive guide to building portlet-driven applications in Java. It teaches portlet development hands-on as you develop a portal that incorporates most key features of the Portlet 2.0 API. And because portals and portlets are so flexible, the accompanying source code can be easily adapted and reused. Along the way, you'll learn how to work with key web frameworks like Spring 3.0 Portlet MVC and DWR. Written for Java developers. No prior experience with portlets required. Purchase of the print book comes with an offer of a free PDF, ePub, and Kindle eBook from Manning. Also available is all code from the book. What's Inside Complete coverage of the Portlet 2.0 API Spring 3.0 Portlet MVC and the Liferay portal server Portal design best practices Reusable source code ===== Table of Contents PART 1

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

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.

An expert guide to advancing, optimizing, and scaling your enterprise search

Enterprise Information Systems Design, Implementation and Management

Portlets in Action

InfoWorld

Enterprise Content and Search Management for Building Digital Platforms

Liferay Portal 5.2 Systems Development

This book presents peer-reviewed contributions on smart universities by various international research, design and development teams. Smart university is an emerging and rapidly evolving area that creatively integrates innovative concepts; smart software and hardware systems; smart classrooms with state-of-the-art technologies and technical platforms; smart pedagogy based on modern teaching and learning strategies; smart learning and academic analytics; as well as various branches of computer science and computer engineering. The contributions are grouped into several parts: Part 1—Smart Universities: Literature Review and Creative Analysis, Part 2—Smart Universities: Concepts, Systems and Technologies, Part 3—Smart Education: Approaches and Best Practices, and Part 4—Smart Universities: Smart Long Life Learning. The book is a valuable source of research data and findings, design and development outcomes, and best practices for faculty, scholars, Ph.D students, administrators, practitioners and anyone interested in the rapidly growing areas of smart university and smart

education.

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.

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 JavaPortlet 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.

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

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Grid Computing

Towards Interoperable Research Infrastructures for Environmental and Earth Sciences

Mastering Elastic Stack

7th International Symposium, ESSoS 2015, Milan, Italy, March 4-6, 2015, Proceedings

Liferay Portal Performance Best Practices

Handbook of Research on ICTs and Management Systems for Improving Efficiency in Healthcare and Social Care

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

for data analysis.

Over 60 recipes to help you speed up the development of your Java web applications using the Spring Roo development tool. 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 rich user experience while preserving a high level of code quality and maintainability. JavaServer Faces 2.0: The Complete Reference includes an integrated sample application to use as a model for your own JSF applications, with code available online. The book explains 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. Step-by-step instructions show you how to develop a JSF application in a development environment and build a JSF application. Understand the JSF request processing lifecycle Use the Facelets View Tag Library, managed beans, and the JSF expression language (EL) Define page flow with the JSF Navigation Model, including the "Implicit Navigation" feature Work with the user interface component model and the JSF event model, including support for browser pages and the POST, REDIRECT, GET pattern Use the new JSR-303 Bean Validation standard for model data validation Build Ajax-based custom UI components Extend JSF with custom non-UI components Manage security, accessibility, internationalization, and localization how to work with JSF and Portlets from the JSF Team Leader at Liferay, the leading Java Portal vendor Ed Burns is a senior software 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 services. He is currently engaging the international Web development community with the new Google App Engine and OpenSocial APIs. He is a 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

Identifies Recent Technological Developments Worldwide The field of grid computing has made rapid progress in the past few years and is continuing to grow and developing in almost all areas, including concepts, philosophy, methodology, and usages. Grid Computing: Infrastructure, Services, and Applications reflects the recent advances in this field, covering the research aspects that involve infrastructure, middleware, services, and applications. Grid Systems Across the Globe The first section of the book focuses on infrastructure and middleware, describing several national and international grid systems. The text highlights China Research and Development environment Over Wide-Area Network (CROWN), several ongoing cyberinfrastructure efforts in New York State, and Enabling Grids for E-sciencE (EGEE), which is coordinated by the European Commission and the world's largest multidisciplinary grid infrastructure today. The second part of the book discusses service advances. The authors examine the UK National Grid Service (NGS), the concept of resource allocation in a grid environment, the OMIIBPEL, and the possibility of treating scientific workflow issues using techniques from the data stream community. The book also discusses the SLA model, reviews portal and workflow technologies, presents an overview of PKIs and their limitations, and introduces a peer-to-peer model for grid information services. New Projects and Initiatives The third section includes an analysis of innovative grid computing topics. Topics covered include the WISDOM initiative, incorporating flow-level networking models into grid simulators, system-level virtualization, and grid usage in the high-energy physics environment in the LHC project, and the Service Oriented HLA RTI (SOHR) framework. With this comprehensive summary of past advances, this text is a window into the future of this nascent technology, forging a path forward for cyberinfrastructure developers.

Alfresco 4 Enterprise Content Management Implementation

Organizations' Environmental Performance Indicators

Java Portlet API, Lucene, James, Slide

Java-based Portal Applications Development

Liferay in Action

The Official Guide to Liferay Portal Development

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.

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. This is a basic tutorial that teaches you how to use the tools provided by Liferay to create your own applications. It covers a lot of the material that has API references and documentation of the architecture and illustrates its key concepts with examples. If you have basic knowledge of Java Web applications, know the basic operational functionality of Liferay, and have written a servlet or JSP file, you are ready to get the most out of this book. Whether you are a web portal engineer or an experienced Liferay Portal developer, you can benefit from this book. You are not expected to have prior knowledge of Liferay theming.

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.

Measuring, Monitoring, and Management

Engineering Secure Software and Systems

Smart Universities

Development Framework and Exploitation by Scientific User Communities

ECSM 2015

Liferay Administrator's Guide

#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 book constitutes the refereed proceedings of the 7th International Symposium on Engineering Secure Software and Systems, ESSoS 2015, held in Milan, Italy, in March 2015. The 11 full papers presented together with 5 short papers were carefully reviewed and selected from 41 submissions. The symposium features the following topics: formal methods; cloud passwords; machine learning; measurements ontologies; and access control.

Through the use of ICT tools, such as the internet, portals, and telecommunication devices, the quality of healthcare has improved in local and global health; aiding in the development of a sustainable economy. *Handbook of Research on ICTs and Management Systems for Improving Efficiency in Healthcare and Social Care* brings together a valuable research collection on ICT elements needed to improve communication and collaboration between global health institutes, public and private organizations, and foundations.

Highlighting the adoption and success factors in the development of technologies for healthcare, this book is essential for IT professionals, technology solution providers, researchers, and students interested in technology and its relationship with healthcare and social services.

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

Proceedings of MIE2016

ECSM2015-Proceedings of the 2nd European Conference on Social Media 2015

Infrastructure, Service, and Applications

JavaServer Faces 2.0, The Complete Reference

Alfresco Developer Guide

Mastering Apache Solr 7.x

This open access book summarises the latest developments on data management in the EU H2020 ENVRIplus project, which brought together more than 20 environmental and Earth science research infrastructures into a single community. It provides readers with a systematic overview of the common challenges faced by research infrastructures and how a 'reference model guided engineering approach can be used to achieve greater

interoperability among such infrastructures in the environmental and Earth sciences. The 20 contributions in this book are structured in 5 parts on the design, development, deployment, operation and use of research infrastructures. Part one provides an overview of the state of the art of research infrastructure and relevant e-Infrastructure technologies, part two discusses the reference model guided engineering approach, the third part presents the software and tools developed for common data management challenges, the fourth part demonstrates the software via several use cases, and the last part discusses the sustainability and future directions.

InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.

La informática se ha ido desarrollando muy rápidamente, casi de un modo caótico y se han creado soluciones ad hoc a los problemas que se iban presentando. Como consecuencia, los sistemas resultantes ni se comunican bien entre ellos ni funcionan como si fueran un todo. Las tecnologías de programación integrativa tratan de resolver estos problemas tratando de unir de un modo coherente aplicaciones distintas, posiblemente en máquinas separadas para dar una visión homogénea de un sistema.

This book highlights state-of-the-art research, development and implementation efforts concerning social media in government services, bringing together researchers and practitioners in a number of case studies. It elucidates a number of significant challenges associated with social media specific to government services, such as: benefits and methods of assessing; usability and suitability of tools, technologies and platforms; governance policies and frameworks; opportunities for new services; integrating social media with organisational business processes; and specific case studies. The book also highlights the range of uses and applications of social media in the government domain, at both local and federal levels. As such, it offers a valuable resource for a broad readership including academic researchers, practitioners in the IT industry, developers, and government policy- and decision-makers.

Science Gateways for Distributed Computing Infrastructures

Liferay Portal 6.2 Enterprise Intranets

Liferay Administrator's Guide, 2nd Edition

Book of Vaadin

Idea Elaboration in Virtual Ideation Communities

Practical Liferay

This book distils the hands-on approach of the training courses into a concise, practical book. The emphasis is on getting up and running fast and discovering the scope and power of Alfresco 4 incrementally through practical examples. Though this book is not a developer guide, various examples in the book will help developers to extend Alfresco functionality and to integrate Alfresco with external systems. This book is designed for experienced users, business owners, or system administrators who want to install and use Alfresco in their teams or businesses. Because Alfresco is free, many teams can install and experiment with its ECM features without any upfront cost, often without management approval. You need to have a degree of technical confidence, but you do not require specialist system admin or developer skills to get a basic system up and running. Though this book is not a developer guide, various examples in the book will help you to extend Alfresco functionality and to integrate Alfresco with external systems.

The book describes the science gateway building technology developed in the SCI-BUS European project and its adoption and customization method, by which user communities, such as biologists, chemists, and astrophysicists, can build customized, domain-specific science gateways. Many aspects of the core technology are explained in detail, including its workflow capability, job submission mechanism to various grids and clouds, and its data transfer mechanisms among several distributed infrastructures. The book will be useful for scientific researchers and IT professionals engaged in the development of science gateways.

"This book investigates the creation and implementation of enterprise information systems, covering a wide array of topics such as flow-shop scheduling, information systems outsourcing, ERP systems utilization, Dietz transaction methodology, and advanced planning systems"--Provided by publisher. The book provides a collection of individual chapters from the participants in the OEPI project, which represent a mix of academic and practical chapters and contributions. The first part of the book is dedicated to a theoretical introduction to Organisations' Environmental Performance Indicators and to a state-of-the-art overview in literature and practice. The second part of the book contains several chapters describing information systems and their components supporting the management of Environmental Performance Indicators, especially in inter-organizational contexts. The third part is dedicated to three case studies from practice, and the book concludes with part four, in which practical guidelines for the innovative management of Environmental Performance indicators in organizations and in inter-organizational contexts are presented.

Liferay Beginner's Guide

Engineering Tool Supported Collaboration Processes for Web-based Platforms

Build Java-based Custom Intranet Systems on Top of Liferay Portal

Concepts, Systems, and Technologies

Alfresco for Administrators

Tecnologías y programación integrativas

Provides modern enterprises with the tools to create a robust digital platform utilizing proven best practices, practical models, and time-tested techniques Contemporary business organizations can either embrace the digital revolution—or be left behind. Enterprise Content and Search Management for Building Digital Platforms provides modern enterprises with the necessary tools to create a robust digital platform utilizing proven best practices, practical models, and time-tested techniques to compete in the today's digital world. Features include comprehensive discussions on content strategy, content key performance indicators (KPIs), mobile-first strategy, content assessment models, various practical techniques and methodologies successfully used in real-world digital programs, relevant case studies, and more. Initial chapters cover core concepts of a content management system (CMS), including content strategy; CMS architecture, templates, and workflow; reference architectures, information architecture, taxonomy, and content metadata. Advanced CMS topics are then covered, with chapters on integration, content standards, digital asset management (DAM), document management, and content migration, evaluation, validation, maintenance, analytics, SEO, security, infrastructure, and performance. The basics of enterprise search technologies are explored next, and address enterprise search architecture, advanced search, operations, and governance. Final chapters then focus on enterprise program management and feature coverage of various concepts of digital program management and best practices—along with an illuminating end-to-end digital program case study. Offers a comprehensive guide to the understanding and learning of new methodologies, techniques, and models for the creation of an end-to-end digital system Addresses a wide variety of proven best practices and deployed techniques in content management and enterprise search space which can be readily used for digital programs Covers the latest digital trends such as mobile-first strategy, responsive design, adaptive content design, micro services architecture, semantic search and such and also utilizes sample reference architecture for implementing solutions Features numerous case studies to enhance comprehension, including a complete end-to-end digital program case study Provides readily usable content management checklists and templates for defining content strategy, CMS evaluation, search evaluation and DAM evaluation Comprehensive and cutting-edge, Enterprise Content and Search Management for Building Digital Platforms is an invaluable reference resource for creating an optimal enterprise digital eco-system to meet the challenges of today's hyper-connected world.

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.

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

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.

A Reference Model Guided Approach for Common Challenges

Rapid Java Web Development

Liferay 6.x Portal Enterprise Intranets Cookbook

Principles

Exploring Complexity in Health: An Interdisciplinary Systems Approach

Mastering Android Wear Application Development

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.

The field of health is an increasingly complex and technical one; and an area in which a more multidisciplinary approach would undoubtedly be beneficial in many ways. This book presents papers from the conference 'Health – Exploring Complexity: An Interdisciplinary Systems Approach', held in Munich, Germany, from August 28th to September 2nd 2016. This joint conference unites the conferences of the German Association for Medical Informatics, Biometry and Epidemiology (GMDS), the German Society for Epidemiology (DGEpi), the International Epidemiological Association - European Region, and the European Federation for Medical Informatics (EFMI). These societies already have long-standing experience of integrating the disciplines of medical informatics, biometry, epidemiology and health data management. The book contains over 160 papers, and is divided into 14 sections covering subject areas such as: health and clinical information systems; eHealth and telemedicine; big data and advanced analytics; and evidence-based health informatics, evaluation and education, among many others. The book will be of value to all those working in the field of health and interested in finding new ways to enable the collaboration of different scientific disciplines and the establishment of comprehensive methodological approaches.

Complete proceedings of the 2nd European Conference on Social Media Porto Portugal Published by Academic Conferences and Publishing International Limited

Spring Roo 1.1 Cookbook

Social Media for Government Services

Liferay Portal Systems Development

Liferay User Interface Development

Professional Portal Development with Open Source Tools