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Ajax on Java Steven Douglas Olson 2007-02-22 This practical guide shows you how to make your Java web applications more responsive and dynamic by incorporating new Ajaxian features, including suggestion lists, drag-and-drop, and more. Java developers can choose between many different ways of incorporating Ajax, from building JavaScript into your applications "by hand" to using the new Google Web Toolkit (GWT). Ajax on Java starts with an introduction to Ajax, showing you how to write some basic applications that use client-side JavaScript to request information from a Java servlet and display it without doing a full page reload. It also presents several strategies for communicating between the client and the server, including sending raw data, and using XML or JSON (JavaScript Object Notation) for sending more complex collections of data. The book then branches out into different approaches for incorporating Ajax, which include: The Prototype and script.aculo.us Javascript libraries, the Dojo and Rico libraries, and DWR Integrating Ajax into Java ServerPages (JSP) applications Using Ajax with Struts Integrating Ajax into Java ServerFaces (JSF) applications Using Google's GWT, which offers a pure Java approach to developing web applications: your client-side components are written in Java, and compiled into HTML and JavaScript Ajax gives web developers the ability to build applications that are more interactive, more dynamic, more exciting and enjoyable for your users. If you're a Java developer and haven't tried Ajax, but would like to get started, this book is essential. Your users will be grateful.
Practical Apache Struts 2 Web 2.0 Projects Ian Roughley 2008-03-02 Practical Apache Struts 2 Web 2.0 Projects is nothing less than one of the first books to cover the agile, lightweight open source Apache Struts 2 Web Framework, an essentially new and improved Struts platform that should meet today's more agile Java development needs. Apache Struts remains the most popular framework for building Java-driven web sites, despite continued challenges from competitive frameworks and APIs like JavaServer Faces (JSF), Wicket, Grails, and more. The new features incorporated into Struts 2 will help this powerful framework to maintain its top-ranking position for the foreseeable future.
Practical Database Programming with Java Ying Bai 2011-09-09 Covers fundamental and advanced Java database programmingtechniques for beginning and experienced readers This book covers the practical considerations and applicationsin database programming using Java NetBeans IDE, JavaServer Pages,JavaServer Faces, and Java

Beans, and comes complete with authenticexamples and detailed explanations. Two data-action methods are developed and presented in thisimportant resource. With Java Persistence API and plug-in Tools,readers are directed step by step through the entire databaseprogramming development process and will be able to design andbuild professional data-action projects with a few lines of code inmere minutes. The second method, runtime object, allows readers todesign and build more sophisticated and practical Java databaseapplications. Advanced and updated Java database programming techniques suchas Java Enterprise Edition development kits, Enterprise Java Beans,JavaServer Pages, JavaServer Faces, Java RowSet Object, and JavaUpdatable ResultSet are also discussed and implemented withnumerous example projects. Ideal for classroom and professional training use, this textalso features: A detailed introduction to NetBeans Integrated DevelopmentEnvironment Java web-based database programming techniques (webapplications and web services) More than thirty detailed, real-life sample projects analyzedvia line-by-line illustrations Problems and solutions for each chapter A wealth of supplemental material available for download fromthe book's ftp site, including PowerPoint slides, solution manual,JSP pages, sample image files, and sample databases Coverage of two popular database systems: SQL Server 2008 andOracle This book provides undergraduate and graduate students as wellas database programmers and software engineers with the necessarytools to handle the database programming issues in the JavaNetBeans environment. To obtain instructor materials please send an email to:pressbooks@ieee.org
Domain-driven Design Eric Evans 2004 Describes ways to incorporate domain modeling into software development.
PRO JSK SITE D, DUFFY 2001-11-14
Journal of Scientific and Industrial Research 2005
Starting Struts 2 Ian Roughley 2007-06 Struts2 is the latest manifestation of the popular Struts Java web application framework. Like its predecessor, its goals are to make web application development faster, easier and more productive than ever before. Despite new languages and new techniques, the action-base MVC framework is still a viable and effective option for modern web application development. Within this book you will find everything you need to get up and running using Struts2 - from the architecture and configuration, to implementing actions and the supporting infrastructure such as validation and internationalization. Above all else, it focuses on the practical - with plenty of code and productivity tips to

get you started using Struts2 today.

Lucene in Action Otis Gospodnetic 2010-07-08 When Lucene first hit the scene five years ago, it was nothing short ofamazing. By using this open-source, highly scalable, super-fast search engine,developers could integrate search into applications quickly and efficiently.A lot has changed since then-search has grown from a "nice-to-have" featureinto an indispensable part of most enterprise applications. Lucene now powerssearch in diverse companies including Akamai, Netflix, LinkedIn,Technorati, HotJobs, Epiphany, FedEx, Mayo Clinic, MIT, New ScientistMagazine, and many others. Some things remain the same, though. Lucene still delivers high-performancesearch features in a disarmingly easy-to-use API. Due to its vibrant and diverseopen-source community of developers and users, Lucene is relentlessly improving,with evolutions to APIs, significant new features such as payloads, and ahuge increase (as much as 8x) in indexing speed with Lucene 2.3. And with clear writing, reusable examples, and unmatched advice on bestpractices, Lucene in Action, Second Edition is still the definitive guide todeveloping with Lucene. 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.

Information Security Practice and Experience 2005

Java Persistence with Hibernate Gary Gregory 2015-10-27 Summary Java Persistence with Hibernate, Second Edition explores Hibernate by developing an application that ties together hundreds of individual examples. In this revised edition, authors Christian Bauer, Gavin King, and Gary Gregory cover Hibernate 5 in detail with the Java Persistence 2.1 standard (JSR 338). All examples have been updated for the latest Hibernate and Java EE specification versions. About the Technology Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. Persistence—the ability of data to outlive an instance of a program—is central to modern applications. Hibernate, the most popular Java persistence tool, offers automatic and transparent object/relational mapping, making it a snap to work with SQL databases in Java applications. About the Book Java Persistence with Hibernate, Second Edition explores Hibernate by developing an application that ties together hundreds of individual examples. You'll immediately dig into the rich programming model of Hibernate, working through mappings, queries, fetching strategies, transactions, conversations, caching, and more. Along the way you'll find a well-illustrated discussion of best practices in database design and optimization techniques. In this revised edition, authors Christian Bauer, Gavin King, and Gary Gregory cover Hibernate 5 in detail with the Java Persistence 2.1 standard (JSR 338). All examples have been updated for the latest Hibernate and Java EE specification versions. What's Inside Object/relational mapping concepts Efficient database application design Comprehensive Hibernate and Java Persistence reference Integration of Java Persistence with EJB, CDI, JSF, and JAX-RS * Unmatched breadth and depth About the Reader The book assumes a working knowledge of Java. About the Authors Christian Bauer is a member of the Hibernate developer team and a trainer and consultant. Gavin King is the founder of the Hibernate project and a member of the Java Persistence expert group (JSR 220). Gary Gregory is a principal software engineer working on application servers and legacy integration. Table of Contents PART 1 GETTING STARTED WITH ORM Understanding object/relational persistence Starting a project Domain models and metadata PART 2 MAPPING STRATEGIES Mapping persistent classes Mapping value types Mapping inheritance Mapping collections and entity associations Advanced entity association mappings Complex and legacy schemas PART

3 TRANSACTIONAL DATA PROCESSING Managing data Transactions and concurrency Fetch plans, strategies, and profiles Filtering data PART 4 WRITING QUERIES Creating and executing queries The query languages Advanced query options Customizing SQL

Extreme Programming for Web Projects Doug Wallace 2003 Allowing readers to tailor cutting-edge best practices from software development to achieve success in Web development is the goal of this comprehensive guide. The book details a proven process that helps readers deliver Web projects on time, within budget, and with fewer defects.

Customizing and Extending IBM Content Navigator Wei-Dong Zhu 2015-04-13 IBM® Content Navigator provides a unified user interface for your Enterprise Content Management (ECM) solutions. It also provides a robust development platform so you can build customized user interface and applications to deliver value and an intelligent, business-centric experience. This IBM Redbooks® publication guides you through the Content Navigator platform, its architecture, and the available programming interfaces. It describes how you can configure and customize the user interface with the administration tools provided, and how you can customize and extend Content Navigator using available development options with sample code. Specifically, the book shows how to set up a development environment, and develop plug-ins that add an action, service, and feature to the user interface. Customization topics include implementing request and response filters, external data services (EDS), creating custom step processors, and using Content Navigator widgets in other applications. This book also covers mobile development, viewer customization, component deployment, and debugging and troubleshooting. This book is intended for IT architects, application designers and developers working with IBM Content Navigator and IBM ECM products. It offers a high-level description of how to extend and customize IBM Content Navigator and also more technical details of how to do implementations with sample code.

Rails for Java Developers Stuart Dabbs Halloway 2007 Shows you, using detailed comparisons and commentary, how to translate your hard-earned Java knowledge and skills into the world of Ruby and Rails.

Apache Struts 2 Web Application Development Dave Newton 2009-06-15 A beginner's guide for Java developers.

Struts 2 Design and Programming Budi Kurniawan 2007-08 Offering both theoretical explanations and real-world applications, this in-depth guide covers the 2.0 version of Struts, revealing how to design, build, and improve Java-based Web applications within the Struts development framework. Feature functionality is explained in detail to help programmers choose the most appropriate feature to accomplish their objectives, while other chapters are devoted to file uploading, paging, and object caching.

Jakarta Struts Cookbook Bill Siggelkow 2005-02-23 The Jakarta Struts Framework is a popular open source platform for building web applications from top to bottom with Java. While this popularity has led to a wealth of online and in-print documentation, developers still find themselves faced with a number Of common tasks that are not clearly and succinctly explained.In these situations, programmers can now turn to the Jakarta Struts Cookbook an amazing collection of code solutions to common--and uncommon--problems encountered when working with the Struts Framework. Among many other recipes, this book explains how to: display data in complex HTML tables use JSP, the JSTL, and JavaScript in your user interface define static and dynamic action forms validate data and respond to errors use Logging, Validation, and Exception Handling integrate Struts with persistence frameworks like Hibernate and iBATIS This look-up reference is just

what today's time-pressed developers need. With solutions to real-world problems just a few page flips away, information is instantly available. And while the book's solutions focus on getting to the point, each recipe's discussion section imparts valuable concept and insight from a Struts veteran.The Jakarta Struts Cookbook is perfect for independent developers, large development teams, and everyone in between who wishes to use the Struts Framework to its fullest potential. Plus, it s completely up-to-date with the latest versions of Framework, so readers can be sure the information is viable.

SonarQube in Action Patroklos Papapetrou 2013-10-30 Summary SonarQube in Action shows developers how to use the SonarQube platform to help them continuously improve their source code. The book presents SonarQube's core Seven Axes of Quality: design/architecture, duplications, comments, unit tests, complexity, potential bugs, and coding rules. You'll find simple, easy-to-follow discussion and examples as you learn to integrate SonarQube into your development process. About the Technology SonarQube is a powerful open source tool for continuous inspection, a process that makes code quality analysis and reporting an integral part of the development lifecycle. Its unique dashboards, rule-based defect analysis, and tight build integration result in improved code quality without disruption to developer workflow. It supports many languages, including Java, C, C++, C#, PHP, and JavaScript. About the Book SonarQube in Action teaches you how to effectively use SonarQube following the continuous inspection model. This practical book systematically explores SonarQube's core Seven Axes of Quality (design, duplications, comments, unit tests, complexity, potential bugs, and coding rules). With well-chosen examples, it helps you learn to use SonarQube's review functionality and IDE integration to implement continuous inspection best practices in your own quality management process. The book's Java-based examples translate easily to other development languages. No prior experience with SonarQube or continuous delivery practice is assumed Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. What's Inside Gather meaningful quality metrics Integrate with Ant, Maven, and Jenkins Write your own plugins Master the art of continuous inspection About the Authors Ann Campbellb and Patroklos Papapetrou are experienced developers and team leaders. Both actively contribute to the SonarQube community. Table of Contents PART 1 WHAT THE NUMBERS ARE TELLING YOU An introduction to SonarQube Issues and coding standards Ensuring that your code is doing things right Working with duplicate code Optimizing source code documentation Keeping your source code files elegant Improving your application design PART 2 SETTLING IN WITH SONARQUBE Planning a strategy and expanding your insight Continuous Inspection with SonarQube Letting SonarQube drive code reviews IDE integration PART 3 ADMINISTERING AND EXTENDING Security: users, groups, and roles Rule profile administration Making SonarQube fit your needs Managing your projects Writing your own plugins

The Linux Command Line William E. Shotts, Jr. 2012 You've experienced the shiny, point-and-click surface of your Linux computer—now dive below and explore its depths with the power of the command line. The Linux Command Line takes you from your very first terminal keystrokes to writing full programs in Bash, the most popular Linux shell. Along the way you'll learn the timeless skills handed down by generations of gray-bearded, mouse-shunning gurus: file navigation, environment configuration, command chaining, pattern matching with regular expressions, and more. In addition to that practical knowledge, author William Shotts reveals the philosophy behind these tools and the rich heritage that your desktop Linux

machine has inherited from Unix supercomputers of yore. As you make your way through the book's short, easily-digestible chapters, you'll learn how to: * Create and delete files, directories, and symlinks * Administer your system, including networking, package installation, and process management * Use standard input and output, redirection, and pipelines * Edit files with Vi, the world's most popular text editor * Write shell scripts to automate common or boring tasks * Slice and dice text files with cut, paste, grep, patch, and sed Once you overcome your initial "shell shock," you'll find that the command line is a natural and expressive way to communicate with your computer. Just don't be surprised if your mouse starts to gather dust. A featured resource in the Linux Foundation's "Evolution of a SysAdmin"

Rational Application Developer V7 Programming Guide Ueli Wahli 2008-03-27 IBM® Rational® Application Developer for WebSphere® Software V7.0 (for short, Rational Application Developer) is the full function Eclipse 3.2 based development platform for developing JavaTM 2 Platform Standard Edition (J2SETM) and Java 2 Platform Enterprise Edition (J2EETM) applications with a focus on applications to be deployed to IBM WebSphere Application Server and IBM WebSphere Portal. Rational Application Developer provides integrated development tools for all development roles, including Web developers, Java developers, business analysts, architects, and enterprise programmers. Rational Application Developer is part of the IBM Rational Software Delivery Platform (SDP), which contains products in four life cycle categories: - Architecture management, which includes integrated development environments (Application Developer is here) - Change and release management - Process and portfolio management - Quality management This IBM Redbooks® publication is a programming guide that highlights the features and tooling included with Rational Application Developer V7.0. Many of the chapters provide working examples that demonstrate how to use the tooling to develop applications, as well as achieve the benefits of visual and rapid application development. This publication is an update of Rational Application Developer V6 Programming Guide, SG24-6449. This book consists of six parts: - Introduction to Rational Application Developer - Develop applications - Test and debug applications - Deploy and profile applications - Team development - Appendixes

Distributed Computing 2003

Struts Survival Guide Srikanth Shenoy 2004

Jsf 2.0 Cookbook Anghel Leonard 2011-05-19 Practical, hands-on "Cookbook" approach. Full of clear, step-by-step instructions that you can apply straight away. Written for people who want to get maximum results without lots of background and theory reading. JSF developers who want to work with validators, converters and security features of JSF. You don't need any prior knowledge of JSF to use these recipes.

Client-Server Web Apps with JavaScript and Java Casimir Saternos 2014-03-28 As a Java programmer, how can you tackle the disruptive client-server approach to web development? With this comprehensive guide, you'll learn how today's client-side technologies and web APIs work with various Java tools. Author Casimir Saternos provides the big picture of client-server development, and then takes you through many practical client-server architectures. You'll work with hands-on projects in several chapters to get a feel for the topics discussed. User habits, technologies, and development methods have drastically altered web app design in recent years. But the Web itself hasn't changed. This book shows you how to build apps that conform to the web's underlying architecture. Learn the advantages of using separate client and server tiers, including code organization and speedy

prototyping Explore the major tools, frameworks, and starter projects used in JavaScript development Dive into web API design and REST style of software architecture Understand Java's alternatives to traditional packaging methods and application server deployment Build projects with lightweight servers, using jQuery with Jython, and Sinatra with Angular Create client-server web apps with traditional Java web application servers and libraries

Learn Java for Web Development Vishal Layka 2014-02-15 AngularJS is the leading framework for building dynamic JavaScript applications that take advantage of the capabilities of modern browsers and devices. AngularJS, which is maintained by Google, brings the power of the Model-View-Controller (MVC) pattern to the client, providing the foundation for complex and rich web apps. It allows you to build applications that are smaller, faster, and with a lighter resource footprint than ever before.Best-selling author Adam Freeman explains how to get the most from AngularJS. He begins by describing the MVC pattern and the many benefits that can be gained...

Practical JSF in Java EE 8 Michael Müller 2018-05-29 Master the Java EE 8 and JSF (JavaServer Faces) APIs and web framework with this practical, projects-driven guide to web development. This book combines theoretical background with a practical approach by building four real-world applications. By developing these JSF web applications, you'll take a tour through the other Java EE technologies such as JPA, CDI, Security, WebSockets, and more. In Practical JSF in Java EE 8, you will learn to use the JavaServer Faces web framework in Java EE 8 to easily construct a web-based user interface from a set of reusable components. Next, you add JSF event handling and then link to a database, persist data, and add security and the other bells and whistles that the Java EE 8 platform has to offer. After reading this book you will have a good foundation in Java-based web development and will have increased your proficiency in sophisticated Java EE 8 web development using the JSF framework. What You Will Learn Use the Java EE 8 and the JavaServer Faces APIs to build Java-based web applications through four practical real-world case studies Process user input with JSF and the expression language by building a calculator application Persist data using JSF templating and Java Persistence to manage an inventory of books Create and manage an alumni database using JSF, Ajax, web services and Java EE 8's security features. Who This Book Is For Those new to Java EE 8 and JSF. Some prior experience with Java is recommended.

Struts in Action Ted Husted 2003 Struts solves the most common problems of web development. By basing your application on the Struts web application framework, you can reuse proven solutions and focus on what's unique to your own case. Struts is an open-source product distributed by the Apache Software Foundation.

Struts 2 in Action Andrew Psaltis 2008-05-01 The original Struts project revolutionized Java web development and its rapid adoption resulted in the thousands of Struts-based applications deployed worldwide. Keeping pace with new ideas and trends, Apache Struts 2 has emerged as the product of a merger between the Apache Struts and OpenSymphony WebWork projects, united in their goal to develop an easy-to-use yet feature-rich framework. Struts 2 represents a revolution in design and ease of use when compared to classic Struts. It adds exciting and powerful features such as a plugin framework, JavaServer Faces integration, and XML-free configuration. Struts 2 In Action introduces the Apache Struts 2 web application framework and shows you how to quickly develop professional, production-ready modern web applications. Written by Don Brown, one of the leading developers of Struts 2, Chad Davis, a passionate Struts 2

developer, along with Scott Stanlick, this book gently walks you through the key features of Struts 2 in example-driven, easy-to-digest sections. Struts 2 in Action delivers accurate, seasoned information that can immediately be put to work. This book is designed for working Java web developers-especially those with some background in Struts 1 or WebWork. The core content, covering key framework components such as Actions, Results, and Interceptors, includes new features like the annotation-based configuration options. You'll find chapters on Struts 2 plugins, FreeMarker, and migration from Struts 1 and WebWork 2. Finally, new topics such as the Ajax tags, Spring Framework integration, and configuration by convention give familiar subjects new depth. 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.

Art of Java Web Development Neal Ford 2003-11-01 A guide to the skills required for state-of-the-art web development, this book covers a variety of web development frameworks. The uses of the standard web API to create applications with increasingly sophisticated architectures are highlighted, and a discussion of the development of industry-accepted best practices for architecture is included. The history and evolution toward this architecture and the reasons it is superior to previous efforts are described, and an overview of the most popular web application frameworks, their architecture, and use is provided. The same application is built in six different frameworks, allowing developers to conduct an informed comparison. An evaluation of the pros and cons of each framework is provided to assist developers in making decisions or evaluating frameworks on their own. Best practices covered include sophisticated user interface techniques, intelligent caching and resource management, performance tuning, debugging, testing, and web services.

Liquid Software Fred Simon 2018-05 Software affects everything in our lives.Imagine that software could be constantly updated without our involvement! No need to figure out hardware specifications. Nothing to interrupt our digital activities. No waiting for lengthy downloads and reboots. What if it all just happened in the background, and we could simply enjoy the benefits? Liquid Software explores a future in which developers code high-quality applications that securely flow to end-users with zero downtime. The authors bring insights from their more than 50 years of collective experience in building software in modern development environments. They explain that what sounds like Software Utopia is possible and practical! We're at the dawn of the next great leap forward in computing - the achievement of continuous software updates. The Liquid Software revolution has begun!

JBoss at Work: A Practical Guide Tom Marrs 2005-10-13 Consisting of a number of well-known open source products, JBoss is more a family of interrelated services than a single monolithic application. But, as with any tool that's as feature-rich as JBoss, there are number of pitfalls and complexities, too. Most developers struggle with the same issues when deploying J2EE applications on JBoss: they have trouble getting the many J2EE and JBoss deployment descriptors to work together; they have difficulty finding out how to get started; their projects don't have a packaging and deployment strategy that grows with the application; or, they find the Class Loaders confusing and don't know how to use them, which can cause problems. JBoss at Work: A Practical Guide helps developers overcome these challenges. As you work through the book, you'll build a project using extensive code examples. You'll delve into all the major facets of J2EE application deployment on JBoss, including JSPs, Servlets, EJBs, JMS, JNDI, web services,

JavaMail, JDBC, and Hibernate. With the help of this book, you'll: Implement a full J2EE application and deploy it on JBoss Discover how to use the latest features of JBoss 4 and J2EE 1.4, including J2EE-compliant web services Master J2EE application deployment on JBoss with EARs, WARs, and EJB JARs Understand the core J2EE deployment descriptors and how they integrate with JBoss-specific descriptors Base your security strategy on JAAS Written for Java developers who want to use JBoss on their projects, the book covers the gamut of deploying J2EE technologies on JBoss, providing a brief survey of each subject aimed at the working professional with limited time. If you're one of the legions of developers who have decided to give JBoss a try, then JBoss at Work: A Practical Guide is your next logical purchase. It'll show you in plain language how to use the fastest growing open source tool in the industry today. If you've worked with JBoss before, this book will get you up to speed on JBoss 4, JBoss WS (web services), and Hibernate 3.

Building PHP Applications with Symfony, CakePHP, and Zend Framework Bartosz Porebski 2011-02-17 The first detailed, unbiased comparison of the three leading PHP frameworks Web developers have been eager for an impartial comparison of leading PHP frameworks so they can make educated decisions about the most effective tool for their needs. This guide uses Symfony, CakePHP, and Zend Framework to solve key problems, providing source code examples and comparisons for each. It explains the approach and reviews the similarities and differences in the three frameworks, providing reliable information on which to base your decisions. Symfony, CakePHP, and Zend Framework are considered the leading PHP frameworks; developers need an unbiased comparison to choose which one works best for their individual situations This guide uses each framework to solve the same problems, illustrating the solutions with source code examples and working applications Covers wide range of topics, from installation and configuration to most advanced features like AJAX, web services and automated testing. Includes an appendix of new PHP frameworks, including CodeIgniter, Lithium, and Agavi Bestselling PHP author Elizabeth Naramore serves as technical editor Comparison of PHP Web Frameworks provides the impartial, side-by-side comparison that developers have been looking for.

Professional Java Tools for Extreme Programming Richard Hightower 2004-04-23 Professional Java Tools for Extreme Programming is a practical, code-intensive guide to the tools that Enterprise Java developers need when using Extreme Programming (XP) methods. It covers the key tools used to automate the most complex parts of the XP process: application integration, testing, and deployment. *Data Science with Java* Michael R. Brzustowicz, PhD 2017-06-06 Data Science is booming thanks to R and Python, but Java brings the robustness, convenience, and ability to scale critical to today's data science applications. With this practical book, Java software engineers looking to add data science skills will take a logical journey through the data science pipeline. Author Michael Brzustowicz explains the basic math theory behind each step of the data science process, as well as how to apply these concepts with Java. You'll learn the critical roles that data IO, linear algebra, statistics, data operations, learning and prediction, and Hadoop MapReduce play in the process. Throughout this book, you'll find code examples you can use in your applications. Examine methods for obtaining, cleaning, and arranging data into its purest form Understand the matrix structure that your data should take Learn basic concepts for testing the origin and validity of data Transform your data into stable and usable numerical values Understand supervised and unsupervised learning algorithms, and methods for evaluating their success Get up and running with MapReduce, using customized components suitable for data science algorithms

Sams Teach Yourself JavaServer Pages 2.0 with Apache Tomcat in 24 Hours, Complete Starter Kit Mark Wutka 2003-12-08 In JavaServer Pages 2.0, Sun has added new features that make it even easier to create dynamic, interactive Web pages in Java. These include a built-in expression language and a library of tags (the JSP Standard Tag Library) that facilitate creation of pages. Sams Teach Yourself JavaServer Pages 2.0 in 24 Hours starts with the basics of JSP, and explains the expression language, JSTL, creating new tags and more. Each lesson builds on the previous one, giving you a full picture of JSP development. Later chapters describe how to incorporate XML, interface with larger Java applications, work with popular frameworks such as Struts, and more. The book includes Apache Tomcat, Sun's reference implementation of JSP, so you can start developing applications immediately.

GWT in Practice Robert Cooper 2008-05-22 Google Web Toolkit in practice. *Enterprise Integration Patterns* Gregor Hohpe 2012-03-09 Enterprise Integration Patterns provides an invaluable catalog of sixty-five patterns, with real-world solutions that demonstrate the formidable of messaging and help you to design effective messaging solutions for your enterprise. The authors also include examples covering a variety of different integration technologies, such as JMS, MSMQ, TIBCO ActiveEnterprise, Microsoft BizTalk, SOAP, and XSL. A case study describing a bond trading system illustrates the patterns in practice, and the book offers a look at emerging standards, as well as insights into what the future of enterprise integration might hold. This book provides a consistent vocabulary and visual notation framework to describe large-scale integration solutions across many technologies. It also explores in detail the advantages and limitations of asynchronous messaging architectures. The authors present practical advice on designing code that connects an application to a messaging system, and provide extensive information to help you determine when to send a message, how to route it to the proper destination, and how to monitor the health of a messaging system. If you want to know how to manage, monitor, and maintain a messaging system once it is in use, get this book.

Practical DWR 2 Projects Frank Zammetti 2008-03-11 Practical DWR Web 2.0 Projects addresses the needs of most developers who would rather learn by example and by doing. This book contains several projects that developers can sink their teeth into doing. Written by accomplished Ajax and Java Web developer and author, Frank Zammetti, this book explores DWR and all it offers. It features six full, working applications that use DWR. This book allows you to lean by example, as you tear the applications apart, you see what makes them tick, and even discover how to extend them at your own pace.

Learning Java Patrick Niemeyer 2002 A tutorial introducing Java basics covers programming principles, integrating applets with Web applications, and using threads, arrays, and sockets.

Ajax Anthony T. Holdener 2008-03-05 Provides information on the basics of Ajax to create Web applications that function like desktop programs.

Jakarta Struts For Dummies Mike Robinson 2004-03-23