

## Developer Guide Ibatis

This is a brilliantly practical work that lets the reader experience a real-world scalable agile enterprise Java-based application being built from the ground up using the latest Spring 2.x kit available. The open source agile lightweight Spring (meta) Framework 2.x is by far the leading innovative force and "lightning rod" that's driving today's Java industry. Spring has time and time again proven itself in real-world highly scalable enterprise settings such as banks and other financial institutions. This book is the only authoritative Spring 2 authored book, as it has been written by team members of Interface21, the group that lead the Spring Foundation and its growing community. Imbibing Java Web Services book illustrates the use of Java Web service technologies. This book provides a Step-by-Step approach for developing Web Services to all levels of Java developers. This book covers the Web services technology standards such as XML processing techniques (SAX, DOM and StAX), Dom4j, SOAP, SAAJ, JAX-WS, WSDL, developing soap-based web services using CXF, Spring, Axis2 and developing non- soap-based web services using REST. It contains 60 diagrams, approximately 100 Java programs for a better understanding of the topics and it provides 60 objective type questions to assess your knowledge and help in understanding of the topic. The following topics are covered in this book. Introduction JAXP (SAX, DOM, StAX) Dom4j JAX-RS (Restful Web Services) SOAP SAAJ WSDL JAX-WS Apache-CXF Apache-

### Axis2 Spring-WS Tools, Ant Scripts and Deployment

Provides a step-by-step approach for developing applications using Spring Framework. This no-nonsense book quickly gets readers up to speed on the new Spring open source framework. Favouring examples and practical application over theory, 'Spring: A Developer's Notebook' features 10 code-intensive labs that reveal the many assets of this revolutionary, lightweight architecture.

Master Spring basics and core topics, and share the authors' insights and real-world experiences with remoting, Hibernate, and EJB. Beyond the basics, you'll learn how to leverage the Spring Framework to build the various tiers and parts of an enterprise Java application: transactions, web and presentation tiers, deployment, and much more. A full sample application allows you to apply many of the technologies and techniques covered in Pro Spring 5 and see how they work together. This book updates the perennial bestseller with the latest that the new Spring Framework 5 has to offer. Now in its fifth edition, this popular title is by far the most comprehensive and definitive treatment of Spring available. It covers the new functional web framework and interoperability with Java 9. After reading this definitive book, you'll be armed with the power of Spring to build complex Spring applications, top to bottom. The agile, lightweight, open-source Spring Framework continues to be the de facto leading enterprise Java application development framework for today's Java programmers and developers. It works with other leading open-source, agile, and lightweight Java

technologies such as Hibernate, Groovy, MyBatis, and more. Spring now works with Java EE and JPA 2 as well. What You'll Learn Discover what's new in Spring Framework 5 Use the Spring Framework with Java 9 Master data access and transactions Work with the new functional web framework Create microservices and other web services Who This Book Is For Experienced Java and enterprise Java developers and programmers. Some experience with Spring highly recommended. Persistence in the Enterprise A Guide to Persistence Technologies Addison-Wesley Professional

Includes more than 30 percent revised material and five new chapters, covering the new 2.1 features such as EJB Timer Service and JMS as well as the latest open source Java solutions The book was developed as part of TheServerSide.com online EJB community, ensuring a built-in audience Demonstrates how to build an EJB system, program with EJB, adopt best practices, and harness advanced EJB concepts and techniques, including transactions, persistence, clustering, integration, and performance optimization Offers practical guidance on when not to use EJB and how to use simpler, less costly open source technologies in place of or in conjunction with EJB This is a problem-solution guide that starts with an introduction to a problem and continues with a discussion of the possible solution. The book covers best practices when working with Drools. The examples and their solutions are accompanied by plenty of code listings and figures providing a better view of the problem. The book is for Java

developers who want to create rules-based business logic using the Drools platform. Basic knowledge of Java is essential.

Principes de bases du développement d'applications Java sous Struts.

Présentation des modèles fondamentaux illustrée d'exemples.--[Memento].

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.

In this book, we discuss both Java-based web applications and Flex-based RIAs. For the Java developer, this means you can learn how to take your existing familiarity with Java and integrate Flex and RIAs into your projects. For developers who are more familiar with Flash or Flex, this book will guide you through the core techniques demanded by server-side applications, such as Spring, POJO (Plain Old Java Objects) and ORM (Object-relational mapping). This book is divided into ten chapters, which are grouped according to three concepts – Model, Control and View.

- **Getting Started:** Learn more about how Rich Internet Applications came into being, and the developer environment necessary for the CrePetstore project.
- **Spring Fundamentals:** Learn about Spring, one of the signature frameworks for Java web applications, and its principles, structure and implementation, together with source code.
- **Data Service:** Learn about the principles and implementation of HTTPService, Web Service and RemoteObject - the techniques used to service data from server-side to the Flex client.
- **Control**

Rich Internet Applications: Learn about the basic principles behind RIAs, and how Flex and Spring applications can be integrated to deliver them.

- Cairngorm Framework: Learn about Cairngorm, a Model-View-Control (MVC) framework used to structure Flex applications. More than just a framework, however, Cairngorm is generally considered a methodology and best practice that can help achieve optimal arrangements of Flex code and components.
- Data Communication: Analogous to the 'Data Service' chapter, this chapter examines how the data services are implemented on the Flex client side through source code examples.
- Flex Fundamentals: Looking at the sample application, learn the basic techniques behind building Flex application, using either Flex SDK or Flash Builder.
- Event and Data: Learn about event-based architecture and data binding, two ways to create more efficient and organized Flex applications.
- User Interface Enhancement: How to use style, skins, chart, navigation, transition and effect and more to improve Flex user interfaces.
- Advanced Topics: More advanced techniques such as localization for multiple languages and mobile platform support using Adobe AIR.

Spring in Action introduces you to the ideas behind Spring and then quickly launches into a hands-on exploration of the framework. Combining short code snippets and an ongoing example developed throughout the book, it shows you

how to build simple and efficient J2EE applications. You will see how to solve persistence problems using the leading open-source tools, and also how to integrate your application with the most popular web frameworks. You will learn how to use Spring to manage the bulk of your infrastructure code so you can focus on what really matters your critical business needs. Spring in Action has been completely updated to cover the exciting new features of Spring 2.0. The book begins by introducing you to the core concepts of Spring and then quickly launches into a hands-on exploration of the framework.

Part 1 - Spring Essentials  
Part 2 - Spring in the Business Layer  
Part 3 - Spring in the Web Layer

The Definitive Guide to Today's Leading Persistence Technologies Persistence in the Enterprise is a unique, up-to-date, and objective guide to building the persistence layers of enterprise applications. Drawing on their extensive experience, five leading IBM® Web development experts carefully review the issues and tradeoffs associated with persistence in large-scale, business-critical applications. The authors offer a pragmatic, consistent comparison of each leading framework--both proprietary and open source. Writing for IT managers, architects, administrators, developers, and testers, the authors address a broad spectrum of issues, ranging from coding complexity and flexibility to scalability and licensing. In addition, they demonstrate each framework side by side, via a

common example application. With their guidance, you'll learn how to define your persistence requirements, choose the most appropriate solutions, and build systems that maximize both performance and value. Coverage includes Taking an end-to-end application architecture view of persistence Understanding business drivers, IT requirements, and implementation issues Driving your persistence architecture via functional, nonfunctional, and domain requirements Modeling persistence domains Mapping domain models to relational databases Building a yardstick for comparing persistence frameworks and APIs Selecting the right persistence technologies for your applications Comparing JDBC™, Apache iBATIS, Hibernate Core, Apache OpenJPA, and pureQuery The companion web site includes sample code that implements the common example used throughout the technology evaluation chapters, 5-9. The IBM Press developerWorks® Series is a unique undertaking in which print books and the Web are mutually supportive. The publications in this series are complemented by resources on the developerWorks Web site on [ibm.com](http://ibm.com). Icons throughout the book alert the reader to these valuable resources.

Java is one of the most widely accepted languages because of its design and programming features. This book offers a range of software development examples in simple and straightforward Java 11 code, providing step-by-step



resources and time-saving methods to help you solve data problems efficiently. Let us full stack development with Spring Boot and React JS. **DESCRIPTION** Designing Application with Spring Boot 2 & React JS is divided into three parts. The first part introduces you to the essentials of the Spring Boot 2.2 Framework and you will learn how to create REST APIs and how to secure REST APIs. Part 2 steps behind the front end application development with React JS and discuss React features and its advantages toward the front end application development. Part 3 expands on that by showing how to deploy backend and frontend application the PaaS platform and also will discuss how to deploy application container technologies such as Docker. **KEY FEATURES** ? This book has a very specific goal to make developing REST applications easier and focusing on common challenges of the design of the application with best practices. ? This book is providing practical code examples from real-world experiences. ? This book is not only about Spring Boot 2.2 and React JS overview but also has an in-depth discussion about adopted REST Architectural pattern and its constraints to create the REST APIs. ? The book can act as a tool for learning Spring Boot 2.2 and React JS for the first time as well as a guide and reference for those wanting to dig deeper into specific features. ? This book is also providing deeper information about the Spring Security and JWT token-based authentication for

your REST applications. ? This does not only provide information about to design an application using Spring Boot and React JS but also providing how to deploy your application to the cloud platform (PaaS). ? Containerization using Docker is another key feature of this book, how to create a Docker image and how to run it.

**WHAT WILL YOU LEARN** ? Exploring Spring Boot 2.2 new features and essential key components such as Starters, Autoconfiguration, CLI, Actuator. ? Develop a REST application using Spring Boot 2.2 and DevTools. ? Exploring Spring Boot Auto Configuration and Customization. ? Creating application profiles based on the environments. ? Learn to configure backend data using JDBC and Spring Data JPA. ? Learn to configure a DataSource for H2 DB, and also for Maria DB. ? Learn best practices for designing a REST architecture based application. ? Creating a REST application using HATEOAS. ? Consuming REST APIs endpoints with RestTemplate, Traverson, and WebClient. ? Exploring JWT web token for the RESTful APIs and explores how to secure REST APIs using OAuth2 and Spring security. ? Creating TESTING module of the Spring Boot application and Unit & Integration testing. ? Discuss React JS and its components and also discuss React KS features and its advantages and disadvantage. ? Exploring how to create ReactJS components and how to manage ReactJS component lifecycle. ? Taking a quick overview of consuming

the REST API using the React application. ? Deploying the application to the Cloud platform (PaaS). ? Containerization and Deploy using Docker containers

WHO THIS BOOK IS FOR Designing Application with Spring Boot 2.2 & React JS is for all Java developers who want to learn Spring Boot 2.2 and React JS as in the enterprise application. Therefore, enterprise Java developers will find it particularly useful in the understanding of Spring Boot 2.2 and React JS and how to develop a backend RESTful application using the Spring Boot 2.2 and frontend application using React JS framework. They will most fully appreciate the examples presented in this book. Before reading this book, readers should have basic knowledge of core java, spring, servlet, filter, XML, and JavaScript.

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- Creating and Styling React Components
- Consuming the REST API with React JS
- Deploying and Containerizing Application

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.

Over 70 recipes for implementing the most important functionalities of Alfresco. Pass the Pivotal Certified Professional exam using source code examples, study summaries, and mock exams. In this book, you'll find a descriptive overview of certification-related Spring modules and a single example application demonstrating the use of all required Spring modules. Also, it is suitable as an introductory primer for Spring newcomers. Furthermore, in Pivotal Certified Professional Spring Developer Exam: A Study Guide each chapter contains a brief study summary and question set, and the book's free downloadable source code package includes one mock exam (50 questions – like a real exam). After using this study guide, you will be ready to take and pass the Pivotal Certified Professional exam. When you become Pivotal Certified, you will have one of the most valuable credentials in Java. The demand for Spring skills is skyrocketing. Pivotal certification helps you advance your skills and your career, and get the maximum benefit from Spring. Passing the exam demonstrates your understanding of Spring and validates your familiarity with: container-basics, aspect oriented programming (AOP), data access and transactions, Spring Security, Spring

Boot, microservices and the Spring model-view-controller (MVC). Good luck! What You'll Learn Understand the core principles of the popular Spring Framework Use dependency injection Work with aspects in Spring and do AOP (aspect oriented programming) Control transactional behavior and work with SQL and NoSQL (MongoDB) databases Create and secure web applications based on Spring MVC Get to know the format of exam and type of questions in it Create Spring microservices applications Who This Book Is For Spring developers who have taken the Pivotal Core Spring class are eligible to take the Pivotal Certified Professional exam.

What is this book about? Expert One-on-One J2EE Development without EJB shows Javadevelopers and architects how to build robust J2EE applications without having to use Enterprise JavaBeans (EJB). This practical, code-intensive guide provides best practices for using simpler and more effective methods and tools, including JavaServer pages, servlets, and lightweight frameworks. What does this book cover? The book begins by examining the limits of EJB technology— what it does well and not so well. Then the authors guide you through alternatives to EJB that you can use to create higher quality applications faster and at lower cost — both agile methods as well as new classes of tools that have evolved over the past few years. They then dive into the details, showing solutions based on the lightweight framework they pioneered on SourceForge — one of the most innovative open source communities. They demonstrate how to leverage practical techniques and tools, including the popular open source Spring

Framework and Hibernate. This book also guides you through productive solutions to core problems, such as transaction management, persistence, remoting, and Web tier design. You will examine how these alternatives affect testing, performance, and scalability, and discover how lightweight architectures can slash time and effort on many projects. What will you learn from this book? Here are some details on what you'll find in this book: How to find the simplest and most maintainable architecture for your application Effective transaction management without EJB How to solve common problems in enterprise software development using AOP and Inversion of Control Web tier design and the place of the Web tier in a well-designed J2EE application Effective data access techniques for J2EE applications with JDBC, Hibernate, and JDO How to leverage open source products to improve productivity and reduce custom coding How to design for optimal performance and scalability

A timely and authoritative guide, written by the Chief Architect and Founder of Alfresco. Alfresco is considered the leading open source solution for Web and Content Management. What makes Alfresco unique is its services, which can be easily extended with web scripts via RESTful services. Written by an author team that includes the chief architect and the founder of Alfresco, this comprehensive guide provides in-depth coverage of the Alfresco architecture and services and shows how to extend them through Web scripts to meet real business needs. You'll learn how to use Alfresco services to create effective content management solutions while detailed code

examples show you how to extend Alfresco with Web scripts using RESTful services to deliver custom solutions. Features detailed, working code examples that demonstrate how to extend Alfresco with Web scripts Written by the Chief Architect and other key Alfresco insiders, ensuring that this book is both authoritative and up-to-date Shows how to integrate Alfresco with Drupal and Joomla portal solutions Covers the upcoming Alfresco 3.2 release Includes real-world case examples of increasing levels of sophistication and complexity The companion Web site contains all source code examples in the book You'll benefit from this timely resource that shows how to get the most from Alfresco for specific business requirements.

Learn to use the Java Persistence API (JPA) and other related APIs as found in the Java EE 8 platform from the perspective of one of the specification creators. A one-of-a-kind resource, this in-depth book provides both theoretical and practical coverage of JPA usage for experienced Java developers. Authors Mike Keith, Merrick Schincariol and Massimo Nardone take a hands-on approach, based on their wealth of experience and expertise, by giving examples to illustrate each concept of the API and showing how it is used in practice. The examples use a common model from an overarching sample application, giving you a context from which to start and helping you to understand the examples within an already familiar domain. After completing Pro JPA 2 in Java EE 8, you will have a full understanding of JPA and be able to successfully code applications using its annotations and APIs. The book also serves as an excellent

reference guide. What You Will Learn Use the JPA in the context of enterprise applications Work with object relational mappings (ORMs), collection mappings and more Build complex enterprise Java applications that persist data long after the process terminates Connect to and persist data with a variety of databases, file formats, and more Use queries, including the Java Persistence Query Language (JPQL) Carry out advanced ORM, queries and XML mappings Package, deploy and test your Java persistence-enabled enterprise applications Who This Book Is For Experienced Java programmers and developers with at least some prior experience with J2EE or Java EE platform APIs.

Presents instructions for creating Android applications for mobile devices using Java. The field of SMART technologies is an interdependent discipline. It involves the latest burning issues ranging from machine learning, cloud computing, optimisations, modelling techniques, Internet of Things, data analytics, and Smart Grids among others, that are all new fields. It is an applied and multi-disciplinary subject with a focus on Specific, Measurable, Achievable, Realistic & Timely system operations combined with Machine intelligence & Real-Time computing. It is not possible for any one person to comprehensively cover all aspects relevant to SMART Computing in a limited-extent work. Therefore, these conference proceedings address various issues through the deliberations by distinguished Professors and researchers. The SMARTCOM 2020 proceedings contain tracks dedicated to different areas of smart technologies such as



Smart System and Future Internet, Machine Intelligence and Data Science, Real-Time and VLSI Systems, Communication and Automation Systems. The proceedings can be used as an advanced reference for research and for courses in smart technologies taught at graduate level.

**Android Tutorial Guide** This book illustrates the Android application development and its dependent technologies. This book provides a step-by-step approach for developing Android applications. It is specially designed to help the individuals who want to learn Android application development. This book covers the Android application development technology standards such as introduction to Android, Developing Android applications using material design components, Spring Android for accessing REST-based web services, Android location based services for to pin point the location on Google maps, Android open-source application development frameworks, how to use Android studio for developing Android applications, Android data persistence frameworks, the use of activities, intents, and fragments. A step-by-step approach is followed throughout and this book contains approximately 100 Java programs and images for a better understanding of the topics. The following topics are covered in this book. Introduction to Android Activities, Intents, and Fragments My First Android Project Android Frameworks Android Material Design Components Database Persistence in Android Google Maps API - LBS Practice Project

This book covers the latest advances in the rapid growing field of inter-cooperative collective

intelligence aiming the integration and cooperation of various computational resources, networks and intelligent processing paradigms to collectively build intelligence and advanced decision support and interfaces for end-users. The book brings a comprehensive view of the state-of-the-art in the field of integration of sensor networks, IoT and Cloud computing, massive and intelligent querying and processing of data. As a result, the book presents lessons learned so far and identifies new research issues, challenges and opportunities for further research and development agendas. Emerging areas of applications are also identified and usefulness of inter-cooperative collective intelligence is envisaged. Researchers, software developers, practitioners and students interested in the field of inter-cooperative collective intelligence will find the comprehensive coverage of this book useful for their research, academic, development and practice activity.

Pass the Pivotal Certified Professional exam for Core Spring, based on the latest Spring Framework 5, using source code examples, study summaries, and mock exams. This book now includes WebFlux, reactive programming, and more found in Spring 5. You'll find a descriptive overview of certification-related Spring modules and a single example application demonstrating the use of all required Spring modules. Furthermore, in Pivotal Certified Professional Core Spring 5 Developer Exam, Second Edition, each chapter contains a brief study summary and question set, and the book's free downloadable source code package includes one mock exam (50 questions – like a real exam). After using this study guide, you will be ready to take and pass the Pivotal Certified Professional exam. When you become Pivotal Certified, you will have one of the most valuable credentials in Java. Pivotal certification helps you advance your skills and your career, and get the maximum benefit from Spring.

Passing the exam demonstrates your understanding of Spring and validates your familiarity with: container-basics, aspect oriented programming (AOP), data access and transactions, Spring Security, Spring Boot, microservices, and Spring model-view-controller (MVC). Good luck! What You Will Learn Understand the core principles of Spring Framework 5 Use dependency injection Work with aspects in Spring and do AOP (aspect oriented programming) Control transactional behavior and work with SQL and NoSQL databases Create and secure web applications based on Spring MVC Get to know the format of the exam and the type of questions in it Create Spring microservices applications Who This Book Is For Spring developers who have taken the Pivotal Core Spring class are eligible to take the Pivotal Certified Professional exam.

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

Presents a guide to the features of iBATIS, covering such topics as configuration, transactions, Dynamic SQL, and data layer abstraction.

The Spring Framework is a major open source application development framework that makes Java/J2EE(TM) development easier and more productive. This book shows you not only what Spring can do but why, explaining its functionality and motivation to help you use all parts of the framework to develop successful applications. You will be guided through all the Spring features and see how they form a coherent whole. In turn, this will help you understand the rationale for Spring's approach, when to use Spring, and how to follow best practices. All this is illustrated with a complete sample application. When you finish the book, you will be well equipped to use Spring effectively in everything from simple Web applications to complex

enterprise applications. What you will learn from this book

- \* The core Inversion of Control container and the concept of Dependency Injection
- \* Spring's Aspect Oriented Programming (AOP) framework and why AOP is important in J2EE development
- \* How to use Spring's programmatic and declarative transaction management services effectively
- \* Ways to access data using Spring's JDBC functionality, iBATIS SQL Maps, Hibernate, and other O/R mapping frameworks
- \* Spring services for accessing and implementing EJBs
- \* Spring's remoting framework

Who this book is for This book is for Java/J2EE architects and developers who want to gain a deeper knowledge of the Spring Framework and use it effectively. Wrox Professional guides are planned and written by working programmers to meet the real-world needs of programmers, developers, and IT professionals. Focused and relevant, they address the issues technology professionals face every day. They provide examples, practical solutions, and expert education in new technologies, all designed to help programmers do a better job.

IBM® Rational® Application Developer for WebSphere® Software v7.5 (Application Developer, for short) is the full function Eclipse 3.4 based development platform for developing Java™ Standard Edition Version 6 (Java SE 6) and Java Enterprise Edition Version 5 (Java EE 5) 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
- Change and release management
- Process and portfolio management
- Quality management

## Acces PDF Developer Guide Ibatis

This IBM Redbooks™ publication is a programming guide that highlights the features and tooling included with Rational Application Developer v7.5. 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 V7 Programming Guide, SG24-7501.

iBatis in Action teaches Java developers and architects how to use the iBatis framework to map relational databases to object-oriented programs. Written by the creator of iBatis, this practical book presents patterns and solutions that readers can apply immediately. iBatis in Action shows Java developers how to tackle the problem of data persistence using the elegant iBatis framework. iBatis helps developers solve the problem of connecting- or mapping- relational databases to object-oriented code. An extensive running example presents reusable iBatis patterns and common solutions. The sample application shows where iBatis fits in a typical web application as well as how iBatis integrates with other popular frameworks like Struts. iBatis in Action focuses on solving existing problems without introducing new ones. In addition to showing what iBatis does, iBatis in Action also shows how iBatis solves problems. Readers explore the driving design philosophy behind iBatis as presented by iBatis creator Clinton Begin. 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.

Provides information on optimizing Rails applications, covering such topics as working with source controls, setting up a Rails/nginx/Mongrel cluster, and depolying applications to multiple production servers.

When creating complex Java enterprise applications, do you spend a lot of time thumbing

through a myriad of books and other resources searching for what you hope will be the API that's right for the project at hand? Java Database Best Practices rescues you from having to wade through books on each of the various APIs before figuring out which method to use! This comprehensive guide introduces each of the dominant APIs (Enterprise JavaBeans, Java Data Objects, the Java Database Connectivity API (JDBC) as well as other, lesser-known options), explores the methodology and design components that use those APIs, and then offers practices most appropriate for different types and makes of databases, as well as different types of applications. Java Database Practices also examines database design, from table and database architecture to normalization, and offers a number of best practices for handling these tasks as well. Learn how to move through the various forms of normalization, understand when to denormalize, and even get detailed instructions on optimizing your SQL queries to make the best use of your database structure. Through it all, this book focuses on practical application of these techniques, giving you information that can immediately be applied to your own enterprise projects. Enterprise applications in today's world are about data-- whether it be information about a product to buy, a user's credit card information, or the color that a customer prefers for their auto purchases. And just as data has grown in importance, the task of accessing that data has grown in complexity. Until now, you have been left on your own to determine which model best suits your application, and how best to use your chosen API. Java Database Practices is the one stop reference book to help you determine what's appropriate for your specific project at hand. Whether it's choosing between an alphabet soup of APIs and technologies--EJB, JDO, JDBC, SQL, RDBMS, OODBMS, and more on the horizon, this book is an indispensable resource you can't do without.

## Acces PDF Developer Guide Ibatis

This book will have a practical approach, thus making it easy for the readers to understand and learn with step-by-step instructions. This book is for Java developers who would like to learn all about the MyBatis framework and are looking for a practical guide to get started. The prerequisites required for this book are basic Java and SQL skills. No prior knowledge of MyBatis is expected.

The standard platform for enterprise application development has been EJB but the difficulties of working with it caused it to become unpopular. They also gave rise to lightweight technologies such as Hibernate, Spring, JDO, iBATIS and others, all of which allow the developer to work directly with the simpler POJOs. Now EJB version 3 solves the problems that gave EJB 2 a black eye-it too works with POJOs. POJOs in Action describes the new, easier ways to develop enterprise Java applications. It describes how to make key design decisions when developing business logic using POJOs, including how to organize and encapsulate the business logic, access the database, manage transactions, and handle database concurrency. This book is a new-generation Java applications guide: it enables readers to successfully build lightweight applications that are easier to develop, test, and maintain.

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

Since development first began on Spring in 2003, there's been a constant buzz about it in Java development publications and corporate IT departments. The reason is clear: Spring is a lightweight Java framework in a world of complex heavyweight architectures that take forever to implement. Spring is like a breath of fresh air to overworked developers. In Spring, you can make an object secure, remote, or transactional, with a couple of lines of configuration instead of embedded code. The resulting application is simple and clean. In Spring, you can work less and go home early, because you can strip away a whole lot of the redundant code that you tend to see in most J2EE applications. You won't be nearly as burdened with meaningless detail. In Spring, you can change your mind without the consequences bleeding through your entire application. You'll adapt much more quickly than you ever could before. Spring: A Developer's Notebook offers a quick dive into the new Spring framework, designed to let you get hands-on as quickly as you like. If you don't want to bother with a lot of theory, this book is definitely for you. You'll work through one example after another. Along the way, you'll discover the energy and promise of the Spring framework. This practical guide features ten code-intensive labs that'll rapidly get you up to speed. You'll learn how to do the following, and more: install the Spring Framework set up the development environment use Spring with other open source Java tools such as Tomcat, Struts, and Hibernate master AOP and transactions utilize ORM solutions As with all titles in the Developer's Notebook series, this no-nonsense book skips all the boring prose and cuts right to the chase. It's an approach that forces you to get

your hands dirty by working through one instructional example after another-examples that speak to you instead of at you.

The need to handle increasingly larger data volumes is one factor driving the adoption of a new class of nonrelational “NoSQL” databases. Advocates of NoSQL databases claim they can be used to build systems that are more performant, scale better, and are easier to program.

NoSQL Distilled is a concise but thorough introduction to this rapidly emerging technology.

Pramod J. Sadalage and Martin Fowler explain how NoSQL databases work and the ways that they may be a superior alternative to a traditional RDBMS. The authors provide a fast-paced guide to the concepts you need to know in order to evaluate whether NoSQL databases are right for your needs and, if so, which technologies you should explore further. The first part of the book concentrates on core concepts, including schemaless data models, aggregates, new distribution models, the CAP theorem, and map-reduce. In the second part, the authors explore architectural and design issues associated with implementing NoSQL. They also present realistic use cases that demonstrate NoSQL databases at work and feature representative examples using Riak, MongoDB, Cassandra, and Neo4j. In addition, by drawing on Pramod Sadalage's pioneering work, NoSQL Distilled shows how to implement evolutionary design with schema migration: an essential technique for applying NoSQL databases. The book concludes by describing how NoSQL is ushering in a new age of Polyglot Persistence, where multiple data-storage worlds coexist, and architects can choose the technology best optimized for each type of data access.

MyBatis in Practice book illustrates the use of MyBatis framework and its dependent technologies. This book provides a step-by-step approach for developing applications using

MyBatis framework. It is specially designed to help the individuals who want to learn MyBatis-3 framework. This book covers the MyBatis framework-related technology standards such as introduction to MyBatis, MyBatis support for executing select, insert, delete, and update statements, MyBatis-provided annotations, MyBatis support for executing stored procedures and functions, MyBatis integration with Spring, MyBatis integration with Velocity, MyBatis-Spring support for transaction management, and migration from iBatis to MyBatis. A step-by-step approach is followed throughout and this book contains approximately 50 Java programs for a better understanding of the topics. The following topics are covered in this book.

Introduction to MyBatis Database Operations (CRUD) MyBatis Annotations MyBatis - Executing Stored Procedures and Functions MyBatis-Spring Transaction Management MyBatis with Velocity Migrating from iBatis to MyBatis

Getting started with the MYBatis framework is greatly simplified with this step-by-step guide that's packed with practical exercises. Now you can quickly and confidently take your Java capabilities into the arena of data persistence. Overview Detailed instructions on how to use MyBatis with XML and Annotation-based SQL Mappers An in-depth discussion on how to map complex SQL query results such as One-To-Many and Many-To-Many using MyBatis ResultMaps Step-by-step instructions on how to integrate MyBatis with a Spring framework In Detail Storing and retrieving data to and from relational databases is a very common requirement, and is a crucial part of many applications. Even though Java provides a JDBC API for database access, it is not very effective and involves writing the boilerplate code again and again. Getting data out of a database, populating into Java objects, and persisting data from Java objects into a database using JDBC involves a lot of repetitive coding and is a very

tedious process. MyBatis takes the simplest approach of leveraging the existing knowledge and power of Java and SQL yet provides powerful features to make data persistence implementation easy. Java Persistence with MyBatis 3 is a practical, hands-on guide that provides you with a number of clear step-by-step exercises, which will help you to understand how MyBatis works and how to use it for your real application needs. With MyBatis, you will learn how to use the MyBatis framework effectively through simple instructions. Java Persistence with MyBatis 3 will highlight the cumbersome process of data persistence using plain JDBC and will also show you how easy it is to implement the same using MyBatis. You will also take a deeper look into the implementation of MyBatis with XML and Annotation-based Mappers, and finally learn how to integrate MyBatis with a Spring framework. You will learn how to map Complex SQL query results to Java beans using XML and Annotation-based Mappers, including One-To-Many and Many-To-Many relationships. You will also learn how to use TypeAliases and Custom Type Handlers, and build dynamic queries using XML and SqlProvider annotations. It progresses to detailed instructions on integrating MyBatis with Spring and leveraging Spring's Annotation-based transaction handling mechanism, which further simplifies the usage of MyBatis. With Java Persistence with MyBatis 3, you will learn how to use the MyBatis framework effectively through simple instructions. What you will learn from this book Simplify database persistence layer implementation Install and configure MyBatis using XML and Java API Map One-To-Many and Many-To-Many results using XML and Annotated Mappers Use TypeAliases and Custom Type Handlers Handle pagination and custom SQL ResultSet processing Build Dynamic Queries using XML and SqlProvider annotations Use Spring's Annotation-based Transaction Handling with MyBatis Approach This

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book will have a practical approach, thus making it easy for the readers to understand and learn with step-by-step instructions. Who this book is written for This book is for Java developers who would like to learn all about the MyBatis framework and are looking for a practical guide to get started. The prerequisites required for this book are basic Java and SQL skills. No prior knowledge of MyBatis is expected.

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