

# **FREE JAVA EE PROJECT USING EJB 3 JPA AND STRUTS 2 FOR BEGINNERS BOOKCD ROM**

## **Java EE Projects Using EJB 3, JPA and Struts 2 for Beginners BK/CD H/C**

This book aims serving students, developers, technical leads and to some extent project managers or consultants by demonstrating a structured documented modestly sized project. Learning the project development and documentation is done through the construction of an Online Car Rental System [integrated with a payment gateway] using MySQL Community Server as the data store with Java Server Pages as the delivery mechanism, Struts 2 as the framework, JPA as the Specification and Hibernate 3 as the Implementation.

### **Pro EJB 3**

First EJB 3.0 book on the market and a definitive guide to the major innovation in EJB: the new persistence API Offers unparalleled insight and expertise: lead authored by the co-lead on the EJB 3.0 spec (Mike Keith)

### **Java Server Programming for Professionals**

The book has been written to provide genuine domainknowledge to programmers who wish to learn Java, Serverside, Web based application development, using Java EE.Learning web development is done through a set ofexamples and hands on exercises.

### **Beginning Java EE 7**

Java Enterprise Edition (Java EE) continues to be one of the leading Java technologies and platforms. Beginning Java EE 7 is the first tutorial book on Java EE 7. Step by step and easy to follow, this book describes many of the Java EE 7 specifications and reference implementations, and shows them in action using practical examples. This definitive book also uses the newest version of GlassFish to deploy and administer the code examples. Written by an expert member of the Java EE specification request and review board in the Java Community Process (JCP), this book contains the best information possible, from an expert's perspective on enterprise Java technologies. What you'll learn Get started with the latest version of the Java EE Platform. Explore and use the EJB and JPA APIs from entities to session beans to message driven beans, and more. Discover web tier development APIs including JSF, Facelets and Expression Language. Uncover SOAP web services, RESTful web services, and more available in this latest Java EE. Create dynamic user interfaces for your enterprise and transactional Java applications. Who this book is for This book is for Java or Spring programmers with some experience and those new to Java EE platform. Architects will also find information about how to layer their Java EE applications. Table of Contents Java EE 7 Environment Context and Dependency Injection Bean Validation Java Persistence API Object-Relational Mapping Managing Persistent Object Enterprise Java Beans Callbacks, Timer Service, and Authorization Interceptors and Transactions JavaServer Faces Processing and Navigation XML and JSON Messaging SOAP Web Services RESTful Web Service

## Core Java for Beginners

This book is our attempt to provide the readers with all the necessary information on how to set up the Java development environment and get started with client side, application development, using Java 7. In a step by step, easy to follow manner, the book takes one through application development. It assists in getting a good grip on the Java syntax and its methodologies to confidently craft robust applications using Java SE 7. It explores the Core of Java along with the improvements of Java SE 7, examines the various specifications and describes how to assemble them to develop applications with plenty of real world examples with complete code spec and diagrams to make it easier to follow. Whether you are a beginner or an experienced developer, you should find this book, a valuable and accessible knowledge base for crafting robust Java solutions. What will you learn from this book? Primer Of Java SE Introduction to Java, Setting up the development environment using JDK 7 Language Basics Fundamentals, Operators, Control Flow Statements, Iterations, Classes, Inheritance, Abstract Classes And Interfaces, Packages And Imports, Enumerations, Annotations, JavaBeans Components, Javadoc Java Utilities And The Collection Framework Arrays, Vectors, Collections, Generic Programming, ArrayList, LinkedList GUI Applets, Abstract Window Toolkit [AWT], Swing Event And Exception Handling Java DataBase Connectivity [JDBC] Networking And I/O Sockets And Network, Concurrency and Multithreading, Remote Method Invocation, Java I/O System Java Servlets Introduction, Writing the first Servlet XML And Java Java API For XML Processing [JAXP]: SAX & DOM, Streaming API For XML [StAX], Read RSS Feeds using StAX, Java Architecture For XML Binding [JAXB], XPath Interesting Features Autoboxing/Unboxing, Language support for collections, The diamond operator, Enhanced, for-each style for loop, Variable-length arguments [varargs], Static import, Underscores in numeric literals, Binary literals, Switch Case with Strings, Annotations on Java Types CD-ROM Contents Setup files for NetBeans IDE 6.9, MySQL 5.1, MySQL Connector/J 5.1, JDK 7 Source code for every example in this book. About the Authors The author Sharanam Shah [www.sharanamshah.com] has 8+ years of IT experience as a Developer, Database Designer, Technical Writer, Systems Analyst and a Lead Architect. He currently consults with several software houses in Mumbai, India, to help them design and manage database application. Vaishali Shah Their desire to share the knowledge they've acquired over all these years working together and perhaps partially to keep it available and alive made them co-author and publish several books, most of them tightly focused on commercial application development using software tools.

## Java Server Pages Project for Beginners

The book has been written to provide genuine domain knowledge to programmers who wish to learn Java, Server side, Web based application development, using Java Server Pages. Learning web development is done through a set of examples and hands on exercises.

## PHP Project for Beginners

Most professional web based projects are structured, documented and executed using the AMP programming stack i.e. Apache as the Web server, MySQL Community Server as the data store and PHP as the programming environment of choice. PHP Project For Beginners shows how to build and use the AMP programming stack to develop a structured, documented, modestly sized project. It walks you through building and documenting a Book Management and Sales System [featuring a Shopping cart integrated with a payment gateway]. Key Topics Apache 2.2 PHP 5.3 MySQL 5.5 jCart 1.2 jQuery 1.1.4 SwiftMailer 4.0.6 Features and Benefits Serves as a ready reference, with several add-ons and technologies, covering modestly sized project containing a Backend with Master and Transaction data entry forms and a Frontend with application homepage and the shopping cart all built using the PHP. Illustrates real project documentation including Case Study, Business Requirements, Software Requirement Specifications, Data Dictionary, Table Definitions and Directory Structure, End User Manual and Software Design Document What You'll Learn? Shopping Cart [using jCart] integrated with a Payment Gateway for accepting payments using Credit Cards [Paypal Checkout] Tag Clouds Session Management Dispatch Emails [using SwiftMailer] BLOB to store images and PDF files Access based User Management and Restricted page access protection Text Suggest Password

Strength Indicator  
Captcha  
RSS Feeds [using magpierss]  
About The Authors  
The author Sharanam Shah [www.sharanamshah.com] has 8+ years of IT experience and is currently a technical writer for Saba Software Inc. He also consults with several software houses in Mumbai, India, to help them design and manage database application.  
Vaishali Shah [www.vaishalishahonline.com], his wife, co-author, a technical writer and a freelance Web developer, has a rich experience of designing, developing and managing database systems. She specializes in the use of PHP to design and build web based applications.

## **MySQL 5 for Professionals**

This book has been written to provide an excellent grounding for those who wish to learn ANSI SQL using MySQL 5. This book has several illustrative examples which have logical links between them. Each set of examples help in building skills that will take the reader to the next set of examples, which in turn lead upwards until a strong programming foundation using the natural language of MySQL has been established. Learning of SQL is done through the construction of a Sales Management System. The skills thus developed are strongly firmed up via hands-on exercises based on the construction of a Human Resource Management System.

## **PHP 5.1 for Beginners**

The book has been written to provide genuine domain knowledge to programmers who wish to learn web based, application development, using object oriented PHP 5.1 as the programming environment. IIS and Apache as the web servers of choice. With a clutch of DBMS as the data store underlay for the applications developed. All run on M.S. Windows and Linux. These are today's programming environments of choice.

## **Pro JPA 2**

Pro JPA 2, Second Edition introduces, explains, and demonstrates how to use the new Java Persistence API (JPA) 2.1 from the perspective of one of the specification creators. A one-of-a-kind resource, it provides both theoretical and extremely practical coverage of JPA usage for both beginning and advanced developers. Authors Mike Keith and Merrick Schincariol 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 overriding sample application, giving readers a context from which to start and helping them to understand the examples within an already familiar domain. After completing the book, 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 during initial and later JPA application experiences. Hands-on examples for all aspects of the JPA specification Expert insight about various aspects of the API and when they are useful Portability hints to provide increased awareness of the potential for non-portable JPA code What you'll learn How to get started with enterprise applications using JPA 2.1 Simple and advanced object-relational mapping techniques How to use the complete Entity Manager API How to create queries using the query language (JP QL) and the Criteria API Locking, concurrency, and other advanced concepts How to use XML mapping files and descriptors How to package and deploy your Java Persistence applications How to test your Java Persistence applications Who this book is for The book generally targets enterprise and persistence developers who fall in one of three categories: Those who are new to persistence; we will offer an introduction to persistence and to the basic concepts so these readers can have solid base from which to become proficient at JPA. Those who know and/or use existing ORM persistence products such as Hibernate or TopLink/EclipseLink. Those who have already used JPA and want to learn about newer features introduced by JPA 2.1, or have a good reference book to consult when they develop JPA applications. In general, we assume that the reader is knowledgeable with Java, SQL, and JDBC, and has a little knowledge of Java EE. Table of Contents Introduction Getting Started Enterprise Applications Object Relational Mapping Collection Mapping Entity Manager Using Queries Java Persistence Query Language Criteria Advanced Object Relational Mapping Advanced Queries Advanced Topics XML Mapping Files Packaging and Deployment Testing

## **Just Spring Data Access**

JDBC has simplified database access in Java applications, but a few nagging wrinkles remain—namely, persisting Java objects to relational databases. With this book, you'll learn how the Spring Framework makes that job incredibly easy with dependency injection, template classes, and object-relational-mapping (ORM). Through sample code, you'll discover how Spring streamlines the use of JDBC and ORM tools such as Hibernate, the Java Persistence API (JPA), and Java Data Objects (JDO). If you're a Java developer familiar with Spring (perhaps through O'Reilly's Just Spring tutorial) and want to advance your data access skills, this book shows you how. Learn how to use Spring's basic and advanced data access tools Work with Spring's JdbcTemplate class to separate non-critical code from business code Eliminate placeholder variables in your queries with the NamedParameterJdbcTemplate class Use Spring's template classes to perform batch executions Operate inserts on database tables without writing any SQL statements Learn about Spring's support for Hibernate as an object-relational-mapping tool Use JPA as a standards-based ORM—alone or with Spring support Move data from a relational to a non-relational database with JDO

## **Pro JPA 2**

Pro JPA 2 introduces, explains, and demonstrates how to use the Java Persistence API (JPA). JPA provides Java developers with both the knowledge and insight needed to write Java applications that access relational databases through JPA. Authors Mike Keith and Merrick Schincariol take a hands-on approach to teaching by giving examples to illustrate each concept of the API and showing how it is used in practice. All of the examples use a common model from an overriding sample application, giving readers a context from which to start and helping them to understand the examples within an already familiar domain. After completing the book, you will have a full understanding and be able to successfully code applications using JPA. The book also serves as a reference guide during initial and later JPA application experiences. Hands-on examples for all the aspects of the JPA specification, based on the reference implementation of this specification A special section on migration to JPA Expert insight about various aspects of the API and when they are useful Portability hints to provide increased awareness of the potential for non-portable JPA code

## **Getting Started with the Feature Pack for OSGi Applications and JPA 2.0**

This IBM® Redbooks® publication introduces OSGi applications and Java™ Persistence API (JPA) 2.0 technology and describes their implementation in the Feature Pack for OSGi Applications and JPA 2.0 for WebSphere Application Server 7.0. The book will help you understand the position of these new technologies as well as how to use them for Java enterprise development in a WebSphere Application Server environment. Though synergetic, both technologies can be used in isolation. This publication is structured to appeal to administrators, application developers, and all those individuals using the technologies together or independently. The book is split into two parts. Part 1, "Architecture and overview" on page 1 introduces OSGi applications and JPA 2.0 and describes how to set up a development and test environment. Part 2, "Examples" on page 55 uses examples to illustrate how to exploit the features of OSGi applications and JPA 2.0.

## **Java Persistence with Jpa 2.1**

This book is the second edition to my previous book: Java Persistence with JPA (Outskirts Press, Denver, March 2010, ISBN: 978-1-4327-5585-0). It adds the new features of JPA 2.1, reorganizes some existing chapters, and updates code examples and tools. The goal of this book is to provide a concise and comprehensive coverage of JPA 2.1, which is part of Java EE 7 but can be used in Java SE as well. Concepts are illustrated through code examples for easy understanding. It may serve as an introductory text for Java developers who do not know anything about JPA, and a reference book for experienced JPA developers who may look up for concepts and code snippets while they develop complex JPA applications. This book covers

Java Persistence API 2.1, the latest Java technology on persisting Java objects to relational databases. This is a new Java persistence standard based on object-relational mapping and utilizing object-oriented features of Java. It is expected to gradually replace JDBC and proprietary object-relational mapping frameworks and libraries for most Java applications with database access. JPA makes software development fun and leads to improved productivity. The book introduces concepts, techniques, and application trade-offs in a manner that is easy to understand and provides many code examples for an online book ordering system. The Java source code and database DDL scripts are freely downloadable from the author's web site. The book contains instructions on how to run the code examples so that the reader can easily learn the concepts through running the code. The book is suitable for Java developers and architects who want to learn this new and standard technology, but may not have prior knowledge of JPA. This book is also aimed at experienced JPA developers who may use this book as a reference, by providing complete coverage of JPA 2.1. It has a special chapter on JPA design patterns and performance tuning. This book will prove to be valuable for novice a

## **The Essence of Perfume**

As the world's leading perfume authority, Dove leads readers on an extravagant journey through the world of scent, from Ancient Egypt to the present. Beginning with a comprehensive discussion of the sense of smell and the materials of the master perfumer, Dove goes on to celebrate the great classics, the makers who brought them to life and the bottle makers who gave them shape.

## **Hibernate Recipes**

Hibernate continues to be the most popular out-of-the-box framework solution for Java Persistence and data/database accessibility techniques and patterns. It is used for e-commerce-based web applications as well as heavy-duty transactional systems for the enterprise. Gary Mak, the author of the best-selling Spring Recipes, now brings you Hibernate Recipes. This book contains a collection of code recipes and templates for learning and building Hibernate solutions for you and your clients. This book is your pragmatic day-to-day reference and guide for doing all things involving Hibernate. There are many books focused on learning Hibernate, but this book takes you further and shows how you can apply it practically in your daily work.

## **Beginning Hibernate**

This book is written for users experienced in using Java with databases but inexperienced in the use of the open source, lightweight Hibernate, the most popular de-facto object-relational mapping and database-oriented application development framework. The book has plentiful examples and handy reference sections, including a comprehensive reference for Hibernate O/R mapping strategies. Beginning Hibernate 3 is packed with brand-new information on the latest release of the Hibernate persistence layer and provides a clear introduction to the de facto standard for object relational persistence in Java. Readers will get started right away with building transaction-based engines and applications.

## **Hibernate Made Easy**

McKenzie brings to light the idea that a technology that is fun and easy to use should also be fun and easy to learn. Building upon simple, straightforward examples, this book explores the key concepts needed to leverage the Hibernate framework. (Computer Books)

## **Hibernate in Action**

A guide to using Hibernate covers such topics as ORM, application architecture, and developer tools.

## Hibernate Search in Action

Enterprise and web applications require full-featured, "Google-quality" search capabilities, but such features are notoriously difficult to implement and maintain. Hibernate Search builds on the Lucene feature set and offers an easy-to-implement interface that integrates seamlessly with Hibernate—the leading data persistence solution for Java applications. *Hibernate Search in Action* introduces both the principles of enterprise search and the implementation details a Java developer will need to use Hibernate Search effectively. This book blends the insights of the Hibernate Search lead developer with the practical techniques required to index and manipulate data, assemble and execute search queries, and create smart filters for better search results. Along the way, the reader masters performance-boosting concepts like using Hibernate Search in a clustered environment and integrating with the features already in your applications. This book assumes you're a competent Java developer with some experience using Hibernate and 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.

## Beginning Hibernate

Get started with the Hibernate 5 persistence layer and gain a clear introduction to the current standard for object-relational persistence in Java. This updated edition includes the new Hibernate 5.0 framework as well as coverage of NoSQL, MongoDB, and other related technologies, ranging from applications to big data. *Beginning Hibernate* is ideal if you're experienced in Java with databases (the traditional, or connected, approach), but new to open-source, lightweight Hibernate. The book keeps its focus on Hibernate without wasting time on nonessential third-party tools, so you'll be able to immediately start building transaction-based engines and applications. Experienced authors Joseph Ottinger with Dave Minter and Jeff Linwood provide more in-depth examples than any other book for Hibernate beginners. They present their material in a lively, example-based manner—not a dry, theoretical, hard-to-read fashion. What You'll Learn Build enterprise Java-based transaction-type applications that access complex data with Hibernate Work with Hibernate 5 using a present-day build process Use Java 8 features with Hibernate Integrate into the persistence life cycle Map using Java's annotations Search and query with the new version of Hibernate Integrate with MongoDB using NoSQL Keep track of versioned data with Hibernate Envers Who This Book Is For Experienced Java developers interested in learning how to use and apply object-relational persistence in Java and who are new to the Hibernate persistence framework.

## Spring Persistence with Hibernate

Learn how to use the core Hibernate APIs and tools as part of the Spring Framework. This book illustrates how these two frameworks can be best utilized. Other persistence solutions available in Spring are also shown including the Java Persistence API (JPA). *Spring Persistence with Hibernate, Second Edition* has been updated to cover Spring Framework version 4 and Hibernate version 5. After reading and using this book, you'll have the fundamentals to apply these persistence solutions into your own mission-critical enterprise Java applications that you build using Spring. Persistence is an important set of techniques and technologies for accessing and using data, and ensuring that data is mobile regardless of specific applications and contexts. In Java development, persistence is a key factor in enterprise, e-commerce, and other transaction-oriented applications. Today, the agile and open source Spring Framework is the leading out-of-the-box, open source solution for enterprise Java developers; in it, you can find a number of Java persistence solutions. What You'll Learn Use Spring Persistence, including using persistence tools in Spring as well as choosing the best Java persistence frameworks outside of Spring Take advantage of Spring Framework features such as Inversion of Control (IoC), aspect-oriented programming (AOP), and more Work with Spring JDBC, use declarative transactions with Spring, and reap the benefits of a lightweight persistence strategy Harness Hibernate and integrate it into your Spring-based enterprise Java applications for transactions, data processing, and more Integrate JPA for creating a well-layered persistence tier in your enterprise Java application Who This Book Is For This book is ideal for developers interested in learning more about persistence framework options on the Java platform, as well as fundamental Spring concepts. Because the

book covers several persistence frameworks, it is suitable for anyone interested in learning more about Spring or any of the frameworks covered. Lastly, this book covers advanced topics related to persistence architecture and design patterns, and is ideal for beginning developers looking to learn more in these areas.

## **Mastering Hibernate**

Learn how to correctly utilize the most popular Object-Relational Mapping tool for your Enterprise application About This Book Understand the internals of Hibernate and its architecture, and how it manages Entities, Events, Versioning, Filters, and Cache Observe how Hibernate bridges the gap between object-oriented concepts and relational models Discover how Hibernate can address architectural concerns such as Transaction, Database Multi-tenancy, Clustering, and Database Shards Who This Book Is For Mastering Hibernate is intended for those who are already using or considering using Hibernate as the solution to address the problem of Object Relational Mapping. If you are already using Hibernate, this book will help you understand the internals and become a power user of Hibernate. What You Will Learn Understand the internals of a Hibernate session and how Entities are managed Declare better mapping between entity classes and database tables Manage entity associations and collections Fetch data not just by entity ID, but also using HQL, Criteria Objects, Filters, and Native SQL Observe the first and second level caches and find out how to manage them Collect statistics and metrics data for further observation Make your application work with multi-tenant databases In Detail Hibernate has been so successful since its inception that it even influenced the Java Enterprise Edition specification in that the Java Persistence API was dramatically changed to do it the Hibernate way. Hibernate is the tool that solves the complex problem of Object Relational Mapping. It can be used in both Java Enterprise applications as well as .Net applications. Additionally, it can be used for both SQL and NoSQL data stores. Some developers learn the basics of Hibernate and hit the ground quickly. But when demands go beyond the basics, they take a reactive approach instead of learning the fundamentals and core concepts. However, the secret to success for any good developer is knowing and understanding the tools at your disposal. It's time to learn about your tool to use it better This book first explores the internals of Hibernate by discussing what occurs inside a Hibernate session and how Entities are managed. Then, we cover core topics such as mapping, querying, caching, and we demonstrate how to use a wide range of very useful annotations. Additionally, you will learn how to create event listeners or interceptors utilizing the improved architecture in the latest version of Hibernate. Style and approach This book takes a close look at the core topics, and helps you understand the complex topics by showing you examples and giving you in-depth discussions.

## **Comparison of JPA Providers and Issues with Migration**

Boos is very beneficial for comparative study of Persistence frameworks.

## **Harnessing Hibernate**

Describes the features and functions of Hibernate, covering such topics as performing object/relational mapping, working with groups, using Hibernate Query Language, connecting Hibernate to MySQL, and installing Maven.

## **Pro Hibernate and MongoDB**

Hibernate and MongoDB are a powerful combination of open source persistence and NoSQL technologies for today's Java-based enterprise and cloud application developers. Hibernate is the leading open source Java-based persistence, object relational management engine, recently repositioned as an object grid management engine. MongoDB is a growing, popular open source NoSQL framework, especially popular among cloud application and big data developers. With these two, enterprise and cloud developers have a \"complete out of the box\" solution. Pro Hibernate and MongoDB shows you how to use and integrate Hibernate and MongoDB. More specifically, this book guides you through the bootstrap; building transactions; handling

queries and query entities; and mappings. Then, this book explores the principles and techniques for taking these application principles to the cloud, using the OpenShift Platform as a Service (PaaS) and more. In this book, you get two case studies: An enterprise application using Hibernate and MongoDB. then, A cloud application (OpenShip) migrated from the enterprise application case study After reading or using this book, you come away with the experience from two case studies that give you possible frameworks or templates that you can apply to your own specific application or cloud application building context.

## **Just Hibernate**

If you're looking for a short, sweet, and simple introduction (or reintroduction) to Hibernate, this is the book you want. Through clear real-world examples, you'll learn Hibernate and object-relational mapping from the ground up, starting with the basics. Then you'll dive into the framework's moving parts to understand how they work in action. Storing Java objects in relational databases is usually a challenging and complex task for any Java developer, experienced or not. This book, like others in the Just series, delivers a concise, example-driven tutorial for Java beginners. You'll gain enough knowledge and confidence to start working on real-world projects with Hibernate. Compare how JDBC and Hibernate work with object persistence Learn how annotations are used to create Hibernate applications Understand how to persist and retrieve Java data structures Focus on the fundamentals of associations and their mappings Delve into advanced concepts such as caching, inheritance, and types Walk through the Hibernate Query Language API, with examples Develop Java Persistence API applications, using Hibernate as the provider Work hands-on with code snippets to understand the technology

## **Java Open Source Programming**

Discover how to develop full-scale J2EE™ applications quickly and efficiently using the best Open Source tools Written by leading authorities in the field, this book shows you how to leverage a suite of best-of-breed Open Source development tools to take the pain out of J2EE and build a complete Web-based application. You'll combine these tools to actually reduce the points of failure in your application, while increasing overall system stability and robustness. Along with the tools introduced here, you'll develop the PetSoar application, which follows the PetStore application used by Sun Microsystems to demonstrate features of J2EE. With PetSoar, the authors focus on developing a maintainable and flexible application, rather than showcasing the end result, so that you can apply the material in your own projects. In addition, the authors provide methods for utilizing Open Source software components for each stage of the development process. The Open Source products covered include: \* Hibernate to aid with simple, flexible, and speedy transparent object persistence \* OpenSymphony WebWork to allow for pluggable view technologies and extensible configuration \* JUnit and Mock Objects to assist with rapid and robust unit testing \* XDoclet to assist with generating code and configuration files automatically \* Jakarta Lucene to add Google-style smart search capabilities to data stores \* OpenSymphony SiteMesh to aid in the creation of large sites with a common look and feel \* OpenSymphony OSCache to easily cache slow dynamic sections of Web sites resulting in faster-loading pages

## **Portlets in Action**

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 Ajaxng portlets Reusable logic with portlet filters Portlet bridges Web Services for Remote Portlets (WSRP)

## **Hibernate**

This guide walks the reader through the ins and outs of using Hibernate, from installation and configuration, to complex associations and composite types.

## **Java EE 6 for Beginners**

This book aims serving students, developers, technical leads and professionals who wish to learn server side, enterprise application development, using Java EE 6. This book explores Java EE 6 and systematically illustrates its various specifications with plenty of real world examples with complete code spec and diagrams to make it easier to follow. Whether you are a beginner or an experienced Enterprise developer, you should find this book, a valuable and accessible knowledge base for creating Enterprise solutions. Topics Covered in the Book Java EE Introduction To Java and Java EE, Java EE 6 Architecture, Setting Up NetBeans IDE 6.8 Java Servlets 3.0 Introduction, Servlet API And Lifecycle, Working With Servlets, Working With Databases, Cookies, Session, Filters, Request Dispatcher, Annotations, HttpOnly Cookies JavaServer Pages 2.1 Introduction, Getting Started, Action Elements, Implicit Objects, Scope, Expression Language, JSP Standard Tag Libraries JavaServer Faces 2.0 Introduction, Getting Started, JSF Components, Managed Beans, Navigation, Converters and Validators, Facelets Enterprise JavaBeans 3.1 Introduction, Getting Started, Session Beans - Stateless/Stateful/Singleton, Message Driven Beans, Interceptors, Asynchronous Invocation, Calendar Based Timer Services, No-Interface View Advanced Topics Web Services, JavaMail, JNDI, Enterprise Application Development, Listener, Java Transaction API

## **Java Hibernate Cookbook**

Over 50 recipes to help you build dynamic and powerful real-time Java Hibernate applications About This Book Learn to associate JDBC and Hibernate with object persistence Manage association mappings, implement basic annotations and learn caching Get to grips with Hibernate fundamentals from installation to developing a business application with this step-by-step guide Who This Book Is For This is book for Java developers who now want to learn Hibernate. Good knowledge and understanding of Java is preferred to allow efficient programming of the core elements and applications; it would be helpful if readers are familiar with the basics of SQL. What You Will Learn Set up and install Hibernate on your system and explore different ways in which Hibernate can be configured Learn the basic concepts and fundamentals of Java Hibernate Define mappings without a use of XML file using Annotations Persist collection elements such as list, map, set and array Explore the various mapping options and learn to work with Hibernate associations Understand advanced Hibernate concepts such as caching and inheritance Develop an engaging and robust real-world hibernate application based on a common business scenario Integrate Hibernate with other frameworks to develop robust enterprise applications In Detail Hibernate is a database independent technology, so the same code will work for all databases. It helps a Java developer write a query by mapping

Java bean to database tables and help create tuned queries that boost performance. Even with limited SQL knowledge one can easily perform database operations. This makes the development faster and more accurate than JDBC. Hibernate supports useful features like connection pooling, caching, and inheritance etc. This book will provide a useful hands-on guide to Hibernate to accomplish the development of a real-time Hibernate application. We will start with the basics of Hibernate, which include setting up Hibernate – the pre-requisites and multiple ways of configuring Hibernate using Java. We will then dive deep into the fundamentals of Hibernate such as SessionFactory, session, criteria, working with objects and criteria. This will help a developer have a better understanding of how Hibernate works and what needs to be done to run a Hibernate application. Moving on, we will learn how to work with annotations, associations and collections. In the final chapters, we will see explore querying, advanced Hibernate concepts and integration with other frameworks. Style and approach This book is a practical guide filled with carefully organized step-by-step instructions. All recipes are arranged in an easy-to understand and clear manner allowing you to apply the solutions to other situations.

## **Spring 3 with Hibernate 4 Project for Professionals**

Most professional web based projects are structured, documented and executed using the Spring 3 as the application development framework and Hibernate 4 as the Object Relational Mapping library with MySQL Server 5 as the data store. Spring 3 With Hibernate 4 Project For Professionals shows how to build and use this programming stack to develop a structured, documented, modestly sized project. It walks you through building and documenting a Book Management and Sales System [featuring a Shopping cart integrated with a payment gateway]. Topics Covered in the Book Key Topics Spring 3.2.0.M1 Hibernate 4.1.4 MySQL 5.5.25 Spring Security 3.1 Spring Web MVC NetBeans IDE 7.1.2 This Book Serves as a ready reference, with several add-ons and technologies, covering modestly sized project containing a Back-end with Master and Transaction data entry forms and a Front-end with application homepage and the shopping cart Illustrates real project documentation including Case Study, Business Requirements, Software Requirement Specifications, Data Dictionary, Table Definitions and Directory Structure, End User Manual and Software Design Document What You'll Learn? Shopping Cart integrated with a Payment Gateway for accepting payments using Credit Cards [Google Wallet] Tag Clouds, Session Management, Dispatch Emails [using JavaMail] Access based User Management and Restricted page access protection

## **Spring 3 for Beginners**

Designed for beginners and intermediate developers, this book helps you come up to speed as quickly as possible with using the Spring 3 framework. It delves deeply into the core of the Spring 3 framework, providing a sound understanding of the components that make up the framework and the way they interact with each other. This book uses an application-centric approach. The development of examples drives the Spring 3 exposure and not the other way around. Finally, a web based project is developed to re-enforce all the learning that took place throughout the book. This will definitely help developers to quickly get started with building real-world Web applications using the Spring 3 framework. Key Topics Spring 3.1 Spring Security 3.1 Spring Web MVC JDBC Templates RESTful resources MySQL 5.5 Hibernate 3 JPA Transaction Management Annotations @AspectJ AOP Classic AOP Dependency Injection

## **Java Persistence with Hibernate**

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

## **Hibernate Quickly**

Hibernate Quickly is a companion volume to Manning's Hibernate in Action which is a focused and comprehensive book on the subject written by the project founders. The current book aims to give readers the 20% of information they need 80% of the time. It uses the pages saved to orient the reader within the Hibernate "ecosystem": the peripheral technologies and techniques typically used with Hibernate. This is the book readers are likely to turn to if they want to get up and running quickly. Examples are developed incrementally to demonstrate Hibernate concepts and to show how Hibernate works with the other common development tools and frameworks such as XDoclet, Struts, WebWork, Spring, and Tapestry. Covers the newest version, Hibernate 3. Purchase of the print book comes with an offer of a free PDF eBook from Manning. Also available is all code from the book.

## **Ajax for Beginners**

The book has been written to provide genuine domain knowledge to programmers who wish to learn web based, application development using Ajax, or Asynchronous JavaScript and XML. Like all earlier books this book has several illustrative examples, which have a logical link between them. Each set of examples helps build skills that will take the reader to the next set of examples, which in turn lead upwards until a strong programming foundation using Ajax technologies has been established. Finally, building a completely documented and coded project - an Ajax driven Text Editor, reinforces all the concepts learned in this book.

## **Pro Hibernate 3**

\* First to market with complete Hibernate 3 coverage and real-world application design tips. \* Comprehensive reference for Hibernate object relational mapping strategies. \* Integrated approach to database and Java application design.

## **Manual of Psychosocial Rehabilitation**

Psychosocial Rehabilitation is a comprehensive ready-reference for mental health practitioners and students, providing practical advice on the full range of interventions for psychosocial rehabilitation. It contextualises

the interventions described and provides pointers to enable the reader to explore the theory and research. This manual recognises the wide-ranging impact of mental illness and its ramifications on daily life, and promotes a recovery model of psychosocial rehabilitation and aims to empower clinicians to engage their clients in tailored rehabilitation plans. The book is divided into five key sections. Section 1 looks at assessment covering tools available in the public domain, instruments, scoring systems, norms and applications for diagnosis and measurement of symptoms, cognitive functioning, impairment and recovery. Section 2 covers the full range of therapeutic interventions and offers advice on training and supervision requirements and evaluation of process, impact and outcome. Section 3 provides manuals and programs for interventions effectively provided as group activities. Section 4 explains how to design a full programme that integrates therapeutic interventions with group programmes as well as services provided by other agencies. The final section looks at peer support and self help, providing manuals and resources that support programmes and interventions not requiring professional or practitioner direction.

## **Beginning POJOs**

\*ONLY Beginning-level book that introduces major Open Source Java tools and frameworks from scratch  
\*Covers the most successful and prevalent open source and some lightweight tools and frameworks, like Spring, JBoss, Hibernate, Tapestry, Ant, and more \*Shows how to build an enterprise application, end-to-end, integrating the different open source frameworks, including rapid enterprise Java application development

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