

Hibernate Getting Started Guide

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.

Discusses tasks that can be performed with the Tablet PC, peripherals that can be used to control it, and how it can be used in conjunction with Microsoft Office applications.

Master Windows 10 installation and configuration, including new technologies The MCSA Windows 10 Study Guide is the only comprehensive resource you'll need to prepare for Exam 70-698. You'll find expert coverage of 100% of all exam objectives led by expert Microsoft MVP, William Panek. Quickly master the concepts and processes involved in Windows 10 installation and configuration. The Sybex superior study tools and online learning environment include: system requirements, devices, core services, networking, storage, data access and usage, maintenance, updates, data recovery, and more. Real-world scenarios bring on the job experience while hands-on exercises provide practical instruction on critical techniques, and the Sybex online learning environment gives you access to electronic flashcards for last minute review, an assessment test, and bonus practice exams so you can be confident on exam day. Exam 70-698 is the first of two exams for the MCSA certification. Addressing local and desktop deployments, these topics form the foundation of what's to come. This Sybex Study Guide gives you the tools you need along with expert content so you can build the essential knowledge base and master the key concepts. Clarify processes

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with hands-on exercises Identify knowledge gaps through chapter review questions Test your understanding with online bonus practice exams and more With a 90-percent market share, Windows is the world's number-one desktop OS. While it may look similar to Windows 8, Windows 10 includes a number of enhanced features that specialists need to know, and MCSA candidates must be able to demonstrate a clear understanding of how to work with these new technologies. MCSA Windows 10 Study Guide: Exam 70-698 is your complete guide to Windows 10 installation and configuration, with expert instruction and practical exam preparation.

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

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possible frameworks or templates that you can apply to your own specific application or cloud application building context.

A concise introduction to Hibernate's many configuration and design options distills the open source object/relational persistence and query service into digestible pieces with many code examples, practical usage scenarios, and coverage of the tools available.

Original. (Advanced)

Readers prepare for success with IC3 (Internet and Computing Core Certification) as they master basic requirements for all three IC3 certification exams: Computing Fundamentals, Key Applications, and Living Online. IC3 CERTIFICATION GUIDE USING MICROSOFT WINDOWS 10 & MICROSOFT OFFICE 2016 offers IC3 global training and certification preparation to help users earn globally accepted, validated credentials and prove to employers, customers or higher education institutions that they have the computer skills to excel in today's digital world. This book emphasizes key knowledge and timely skills to ensure proficiency in using computer technology, ranging from basic hardware and software to operating systems, applications, and the Internet. Comprehensive instruction helps readers advance their careers through computer certifications, such as CompTIA's A+ and similar exams. Rely on this book for the computer and Internet skills needed for success in both employment and higher education. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

The Liferay Portal Administrator's Guide is your complete guide to installing, integrating, configuring, and maintaining a Liferay Portal server. This comprehensive guide will show you how to bring up a Liferay Portal server and keep it running. From installing a bundle to configuring a Liferay cluster, every aspect

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of running Liferay Portal is covered.

This is the first book to cover db4o programming in comprehensive detail. Readers are briefed on all of the topics necessary to begin using it in production environments, including installation and configuration, querying and managing objects, performing transactions, and data replication. Newcomers to the topic aren't forgotten, as early chapters are devoted to object database fundamentals, in addition to technical considerations and migration strategies. Complete with numerous C# and Java examples, readers will be able to follow along with the examples regardless of their chosen language.

[*The Unofficial Guide to Windows Vista*](#)

[*Absolute Beginner's Guide to Tablet PCs*](#)

[*The NexStar User's Guide*](#)

[*Java Persistence with Hibernate*](#)

[*Exams 70 - 271 and 70 - 272*](#)

[*Getting Started with OpenVMS*](#)

[*JBoss Tools 3 Developers Guide*](#)

[*Guide to Web Development with Java*](#)

[*Exam 220-701 / Exam 220-702*](#)

[*MCSA Windows 10 Study Guide*](#)

[*High-Performance Java Persistence*](#)

The ultimate, fully illustrated guide to plant selection and gardening in the Prairie State. With its northeastern edge seated on the shores of Lake Michigan, Illinois offers some of the United States' most fertile farmlands. But as any midwesterner knows, the entire region's weather can turn on a dime, and keeping plant life alive in such a widely varying climate can be difficult for gardeners of all skill levels. In Illinois Getting Started Garden Guide, born-and-bred midwestern gardener Shawna Coronado showcases more than 150 plant species destined for success throughout all of Illinois--from flowers and shrubs, such as the blazing star and the beautiful early-

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spring-flowering witchhazel, to trees and vines, such as the ginkgo and the exquisite clematis. Each entry features full-color photography, plant-name pronunciation, helpful icons denoting sun/shade requirements and plant qualities, instructions for how to bring the plant from transplant to maturity, and even recommendations for what you should plant nearby. If you're not sure where to start, official color-coded USDA maps let you know your plant hardiness zone. So whether you're planting in a windy Chicago suburb, prepping for a frigid winter in Galena, or anticipating a rainy spring in Mt. Vernon, Illinois *Getting Started Garden Guide* gives you all the information you need for a colorful, diverse home landscape.

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

When you use Hibernate in your projects, you quickly recognize that you need to do more than just add @Entity annotations to your domain model classes. Real-world applications often require advanced mappings, complex queries, custom data types and

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caching. Hibernate can do all of that. You just have to know which annotations and APIs you need to use. *Hibernate Tips - More than 70 solutions to common Hibernate problems* shows you how to efficiently implement your persistence layer with Hibernate's basic and advanced features. Each *Hibernate Tip* consists of one or more code samples and an easy to follow step-by-step explanation. You can also download an example project with executable test cases for each *Hibernate Tip*. Throughout this book, you will get more than 70 ready-to-use solutions that show you how to:

- Define standard mappings for basic attributes and entity associations.
- Implement your own attribute mappings and support custom data types.
- Use Hibernate's Java 8 support and other proprietary features.
- Read data from the database with JPQL, Criteria API, and native SQL queries.
- Call stored procedures and database functions.

This book is for developers who are already working with Hibernate and who are looking for solutions for their current development tasks. It's not a book for beginners who are looking for extensive descriptions of Hibernate's general concepts. The tips are designed as self-contained recipes which provide a specific solution and can be accessed when needed. Most of them contain links to related tips which you can follow if you want to dive deeper into a topic or need a slightly different solution. There is no need to read the tips in a specific order. Feel free to read the book from cover to cover or to just pick the tips that help you in your current project.

Prepare for certification in Windows 7 configuration with this all-new study guide *This comprehensive book guides readers through preparation for Microsoft's brand new MCTS: Windows 7, Configuring exam (70-680)*. You'll find 100% coverage of all exam objectives; practical, real-world scenarios; hands-on exercises, and challenging review questions, both in the book and on the CD included with the book. Prepares you for the new exam 70-680, the Microsoft Certified Technology Specialist certification for Windows 7; Windows 7 is Microsoft's new operating system releasing in late 2009 Shows you how to install, configure, and

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maintain Windows 7 for the exam Covers upgrading and migrating; deploying Windows 7; configuring hardware applications, network connectivity, access to resources, and mobile computing; monitoring and maintaining; handling backup and recovery, and more This is the ideal guide to prepare you for Microsoft's new Windows 7 certification.

This breakthrough JBoss Hibernate Technology self-assessment will make you the dependable JBoss Hibernate Technology domain expert by revealing just what you need to know to be fluent and ready for any JBoss Hibernate Technology challenge. How do I reduce the effort in the JBoss Hibernate Technology work to be done to get problems solved? How can I ensure that plans of action include every JBoss Hibernate Technology task and that every JBoss Hibernate Technology outcome is in place? How will I save time investigating strategic and tactical options and ensuring JBoss Hibernate Technology opportunity costs are low? How can I deliver tailored JBoss Hibernate Technology advise instantly with structured going-forward plans? There's no better guide through these mind-expanding questions than acclaimed best-selling author Gerard Blokdyk. Blokdyk ensures all JBoss Hibernate Technology essentials are covered, from every angle: the JBoss Hibernate Technology self-assessment shows succinctly and clearly that what needs to be clarified to organize the business/project activities and processes so that JBoss Hibernate Technology outcomes are achieved. Contains extensive criteria grounded in past and current successful projects and activities by experienced JBoss Hibernate Technology practitioners. Their mastery, combined with the uncommon elegance of the self-assessment, provides its superior value to you in knowing how to ensure the outcome of any efforts in JBoss Hibernate Technology are maximized with professional results. Your purchase includes access to the \$249 value JBoss Hibernate Technology self-assessment dashboard download which gives you your dynamically prioritized projects-ready tool and shows your organization exactly what to do next. Your exclusive

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instant access details can be found in your book.

This book is for programmers who want to learn about real-time communication and utilize the full potential of WebRTC. It is assumed that you have working knowledge of setting up a basic telecom infrastructure as well as basic programming and scripting knowledge.

The official "Ubuntu 11.04 Classical Desktop Guide" contains information on how to using Ubuntu in a desktop environment (Classical desktop).

Hibernate has clearly arrived. Are you ready to benefit from its simple way of working with relational databases as Java objects? This PDF updates the introductory material from the award-winning Hibernate: A Developer's Notebook to teach you how to jump right in and get productive with the current release of Hibernate. You'll be walked through the ins and outs of setting up Hibernate and some related tools that make it easier to use--and that may give you new ideas about how to store information in your Java programs. In short, this PDF gives you exactly the information you need to start using Hibernate today.

[The Definitive Guide to db4o](#)

[JBoss at Work: A Practical Guide](#)

[WebRTC Integrator's Guide](#)

[More than 70 solutions to common Hibernate problems](#)

[Exam 70-680](#)

[Modern Finite Batch Processing in the Cloud](#)

[IC3 Certification Guide Using Microsoft Windows 10 & Microsoft Office 2016](#)

[CompTIA A+ Complete Review Guide](#)

[Getting Started with Hibernate 3](#)

[Pro Hibernate and MongoDB](#)

[The Definitive Guide to NetBeans™ Platform 7](#)

The Definitive Guide to Lift will educate you about Lift, a great framework for building compelling web

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applications. Lift is designed to make powerful techniques easily accessible, while keeping the overall framework simple and flexible. Lift makes it fun to develop because it lets you focus on the interesting parts of coding. By the end of this book, you'll be able to create and extend any web application you can think of.

Develop JSF, Struts, Seam, Hibernate, jBPM, ESB, web services, and portal applications faster than ever using JBoss Tools for Eclipse and the JBoss Application Server.

This comprehensive textbook introduces readers to the three-tiered, Model-View-Controller (MVC) architecture by using Hibernate, JSPs, and Java Servlets. These three technologies all use Java, so that a student with a background in programming will be able to master them with ease, with the end result of being able to create web applications that use MVC, validate user input and save data to a database. Features: presents the many topics of web development in small steps, in an accessible, easy-to-follow style; uses powerful technologies that are freely available on the web to speed up web development, such as JSP, JavaBeans, annotations, JSTL, Java 1.5, Hibernate and Tomcat; discusses HTML, HTML Forms, Cascading Style Sheets and XML; introduces core technologies from the outset, such as the MVC architecture; contains questions and exercises at the end of each chapter, detailed illustrations, chapter summaries, and a glossary; includes examples for accessing common web

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services.

Master the Indiana gardening climate with this photographic guide to more than 150 state-specific plants. It's no secret that the post-glacial soils of Indiana are some of the most fertile that the midwestern United States has to offer. If you're lucky enough to live there - be it on the shores of Lake Michigan in Gary, nestled along the Ohio River in Evansville, or in a small town near one of the state's 1,000-plus lakes - you've found yourself in one of the nation's best gardening countries. In *Indiana Getting Started Garden Guide*, internationally renowned gardening expert and Indiana native Shawna Coronado presents foolproof planting advice for over 150 species, handpicked for their ability to flourish in the Hoosier State. Organized alphabetically by plant type and common name, this book's format makes it as simple to come upon plants you've never heard of as it is to look up your old favorites. Every species - from annuals and perennials to shrubs, natives, and trees - is featured with gorgeous full-color photography, a name pronunciation guide, instructions for planting and care, and a list of ideal companion plants. A smart set of icons acts as a quick reference for sun and shade requirements and plant-specific benefits, and a color-coded USDA map lets you find your specific plant hardiness zone. So whether you're craving the colorful fall pop of burning bush or the springtime splendor of Siberian squill, *Indiana Getting Started Garden Guide* is your manual for harnessing that

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beautiful Indiana countryside.

The NetBeans Platform is the world's only modular Swing application framework, used by very large organizations in mission-critical scenarios, such as at Boeing and Northrop Grumman, as well as in the financial sector and in the oil/gas industry. For these large customers in enterprises who are increasingly interested in Maven and OSGi, the book will have particular relevance. The Definitive Guide to NetBeans™ Platform 7 is a thorough and authoritative introduction to the open-source NetBeans Platform, covering all its major APIs in detail, with relevant code examples used throughout. Provides a completely updated definitive guide to the NetBeans Platform, using the latest APIs, coding patterns, and methodologies. Focuses strongly on business features in an application, since Oracle's customers are particularly interested in business-related aspects. For example, how to use OSGi, how to add authentication/security, how to monetize from a modular application. The original German book on which this title is based was well received. The NetBeans Platform Community has put together this English translation, which covers the latest NetBeans Platform 7 APIs. With an introduction by known NetBeans Platform experts Jaroslav Tulach and Tim Boudreau, this is the most up-to-date book on this topic at the moment. All NetBeans Platform developers will gain something from this book, because several topics in the book have not been documented anywhere else.

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The official "Ubuntu 10.10 Desktop Guide" contains information on how to using Ubuntu in a desktop environment.

The inside scoop...for when you want more than the official line! Microsoft Vista may be the hot new operating system, but to use it with confidence, you'll need to know its quirks and shortcuts. Find out what the manual doesn't always tell you in this insider's guide to using Vista in the real world. How can you customize the desktop? What's the best way to prevent crashes? From setting up a home network to working with data, first get the official way, then the best way from two experts. Unbiased coverage of how to get the most out of Vista, from the new user interface and "live" icons to the revamped Control Panel Savvy, real-world advice from mastering multimedia with Vista and editing "secret settings" to synching data with your laptop and handheld Time-saving techniques and practical guidance on working around Vista quirks, avoiding pitfalls, and increasing your productivity Tips and hacks on Gadgets, how to launch Instant Search, and ways to use a USB flash drive as extended memory Sidebars and tables on Internet Explorer 7, tough new parental controls, and backing up data with enhanced Vista tools Watch for these graphic icons in every chapter to guide you to specific practical information. Bright Ideas are smart innovations that will save you time or hassle. Hacks are insider tips and shortcuts that increase productivity. When you see Watch Out! heed the cautions or warnings to help you avoid

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commonpitfalls. And finally, check out Inside Scoops for practical insights from the author. It's like having your own expert at your side!

Grails is a full stack framework which aims to greatly simplify the task of building serious web applications for the JVM. The concepts within Grails, like interceptors, tag libs, and Groovy Server Pages (GSP), make those in the Java community feel right at home. Grails' foundation is on solid open source technologies such as Spring, Hibernate, and SiteMesh, which gives it even more potential in the Java space: Spring provides powerful inversion of control and MVC, Hibernate brings a stable, mature object relational mapping technology with the ability to integrate with legacy systems, and SiteMesh handles flexible layout control and page decoration. Grails complements these with additional features that take advantage of the coding-by-convention paradigm such as dynamic tag libraries, Grails object relational mapping, Groovy Server Pages, and scaffolding. Graeme Rocher, Grails lead and founder, and Jeff Brown bring you completely up-to-date with their authoritative and fully comprehensive guide to the Grails 2 framework. You'll get to know all the core features, services, and Grails extensions via plug-ins, and understand the roles that Groovy and Grails are playing in the changing Web.

[The NexStar Evolution and SkyPortal User's Guide](#)

[Exam FCO-U51](#)

[Ubuntu 10.04 Lts Desktop Guide](#)

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[Illinois Getting Started Garden Guide](#)

[The Definitive Guide to Spring Batch](#)

[The Definitive Guide to Grails 2](#)

[Exam 70-698](#)

[Ubuntu 10.10 Desktop Guide](#)

[MCTS Windows 7 Configuration Study Guide](#)

[Exam 70-620](#)

[A Guide for New Users](#)

Offering a full coverage of all exam objectives in a systematic approach, so you can be confident that you're getting the instruction you need to take Microsoft's new MCTS exam (70-620), this book is packed with practical guidance and hands-on exercises to reinforce critical skills. Exclusive WinSim Vista Simulator allows you to perform a number of the exercises in a simulated environment, real-world scenarios put what you've learned in the context of actual job roles, and challenging review questions in each chapter prepare you for exam day. For Instructors: Teaching supplements are available for this title. The official "Ubuntu 10.04 LTS Desktop Guide" contains information on how to using Ubuntu in a desktop environment. Information Technology is not just about what applications you can use; it is

***about the systems you can support. The CompTIA IT Fundamentals certification is an introduction to the skills required to become a successful systems support professional, progressing onto more advanced certifications and career success. The Sybex CompTIA IT Fundamentals Study Guide covers 100% of the exam objectives in clear and concise language and provides you authoritatively with all you need to know to succeed in the exam. Along with gaining preventative maintenance skills, you will also develop the tools to complete troubleshooting and fault resolution and resolve common issues experienced by the majority of computer systems. The exam focuses on the essential IT skills and knowledge needed to perform tasks commonly performed by advanced end-users and entry-level IT professionals alike, including: Identifying and explaining computer components
Setting up a workstation, including conducting software installations
Establishing network connectivity
Identifying compatibility issues and identifying and preventing security risks
Managing the safety and preventative***

maintenance of computers Practical examples, exam highlights and review questions provide real-world applications and uses. The book includes Sybex's interactive online learning environment and test bank with an assessment test, chapter tests, flashcards, and a practice exam. Our study tools can help you prepare for taking the exam???and increase your chances of passing the exam the first time!

The Official Ubuntu Desktop Guide contains information on how to using Ubuntu in a desktop environment. Work with all aspects of batch processing in a modern Java environment using a selection of Spring frameworks. This book provides up-to-date examples using the latest configuration techniques based on Java configuration and Spring Boot. The Definitive Guide to Spring Batch takes you from the "Hello, World!" of batch processing to complex scenarios demonstrating cloud native techniques for developing batch applications to be run on modern platforms. Finally this book demonstrates how you can use areas of the Spring portfolio beyond just

Spring Batch 4 to collaboratively develop mission-critical batch processes. You'll see how a new class of use cases and platforms has evolved to have an impact on batch-processing. Data science and big data have become prominent in modern IT and the use of batch processing to orchestrate workloads has become commonplace. The Definitive Guide to Spring Batch covers how running finite tasks on cloud infrastructure in a standardized way has changed where batch applications are run. Additionally, you'll discover how Spring Batch 4 takes advantage of Java 9, Spring Framework 5, and the new Spring Boot 2 micro-framework. After reading this book, you'll be able to use Spring Boot to simplify the development of your own Spring projects, as well as take advantage of Spring Cloud Task and Spring Cloud Data Flow for added cloud native functionality. Includes a foreword by Dave Syer, Spring Batch project founder. What You'll Learn Discover what is new in Spring Batch 4 Carry out finite batch processing in the cloud using the Spring Batch project Understand the newest configuration techniques based

on Java configuration and Spring Boot using practical examples Master batch processing in complex scenarios including in the cloud Develop batch applications to be run on modern platforms Use areas of the Spring portfolio beyond Spring Batch to develop mission-critical batch processes Who This Book Is For Experienced Java and Spring coders new to the Spring Batch platform. This definitive book will be useful in allowing even experienced Spring Batch users and developers to maximize the Spring Batch tool. 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.

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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

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.

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

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

[Hibernate Tips](#)

[The Definitive Guide to Grails](#)

[Getting Started](#)

[Ubuntu 9.04 Desktop Guide](#)

[Liferay Administrator's Guide](#)

[The Definitive Guide to Lift](#)

[Hibernate Search in Action](#)

[Understanding Website Creation](#)

[CompTIA IT Fundamentals Study Guide](#)

[A Practical Guide](#)

[Indiana Getting Started Garden Guide](#)

Michael Swanson's online discussions with literally thousands of NexStar owners made it clear that there was a desperate need for a book such as this – one that provides a complete, detailed guide to buying, using and maintaining NexStar telescopes. Although this book is highly comprehensive, it is suitable for beginners – there is a chapter on "Astronomy Basics" – and experts alike. Celestron's NexStar telescopes were introduced in 1999, beginning with their first computer controlled "go to" model, a 5-inch. More models appeared in quick succession, and Celestron's new range made it one of the two dominant manufacturers of affordable "go to" telescopes.

The rise of Ruby on Rails has signified a huge shift in how we build web applications today; it is a fantastic framework with a growing community. There is, however, space for another such framework that integrates seamlessly with Java.

Thousands of companies have invested in Java, and these same companies are losing out on the benefits of a Rails-like framework. Enter Grails. Grails is not just a Rails clone. It aims to provide a Rails-like environment that is more familiar to Java developers and employs idioms that Java developers

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are comfortable using, making the adjustment in mentality to a dynamic framework less of a jump. The concepts within Grails, like interceptors, tag libs, and Groovy Server Pages (GSP), make those in the Java community feel right at home. Grails' foundation is on solid open source technologies such as Spring, Hibernate, and SiteMesh, which gives it even more potential in the Java space: Spring provides powerful inversion of control and MVC, Hibernate brings a stable, mature object relational mapping technology with the ability to integrate with legacy systems, and SiteMesh handles flexible layout control and page decoration. Grails complements these with additional features that take advantage of the coding-by-convention paradigm such as dynamic tag libraries, Grails object relational mapping, Groovy Server Pages, and scaffolding. Graeme Rocher, Grails lead and founder, and Jeff Brown bring you completely up-to-date with their authoritative and fully comprehensive guide to the Grails framework. You'll get to know all the core features, services, and Grails extensions via plug-ins, and understand the roles that Groovy and Grails are playing in the changing Web. This book serves as a comprehensive guide for using a Nexstar Evolution mount with WiFi SkyPortal control, walking the reader through the process for aligning and operating the system from a tablet or smartphone. The next generation Go-To mount from Celestron, this is compatible not only with the Nextstar Evolution but also with older mounts. It is the ideal resource for anyone who owns, or is thinking of owning, a Nexstar Evolution telescope, or adapting their existing Celestron mount. Pros and cons of the system are thoroughly covered with a critical depth that addresses any possible question by users. Beginning with a brief history of Go-To telescopes and the genesis of this still new technology, the author covers every aspect of the newly expanding capability in observing. This includes the associated Sky Portal

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smartphone and tablet application, the transition from the original Nexstar GoTo system to the new SkyPortal system, the use of the Sky Portal application with its Sky Safari 4 basic software and Celestron WiFi adaptations, and discussions on the use of SkyPortal application using the Celestron adapter on older Celestron mounts. Comments and recommendations for equipment enable the reader to successfully use and appreciate the new WiFi capability without becoming overwhelmed. Extensively illustrated using actual screenshots from the program interface, this is the only guide to the Nextstar SkyPortal an observer will need.

Demonstrates the operating system's newest features while offering detailed documentation on dual booting, customizing components, the Windows Registry, maximizing memory, system maintenance, security, and Web integration.

A high-performance data access layer must resonate with the underlying database system. Knowing the inner workings of a relational database and the data access frameworks in use can make the difference between a high-performance enterprise application and one that barely crawls. This book is a journey into Java data access performance tuning. From connection management, to batch updates, fetch sizes and concurrency control mechanisms, it unravels the inner workings of the most common Java data access frameworks. The first part aims to reduce the gap between application developers and database administrators. For this reason, it covers both JDBC and the database fundamentals that are of paramount importance when reducing transaction response times. In this first part, you'll learn about connection management, batch updates, statement caching, result set fetching and database transactions. The second part demonstrates how you can take advantage of JPA and Hibernate without compromising application performance. In this second part, you'll learn about the most efficient

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Hibernate mappings (basic types, associations, inheritance), fetching best practices, caching and concurrency control mechanisms. The third part is dedicated to jOOQ and its powerful type-safe querying capabilities, like window functions, common table expressions, upsert, stored procedures and database functions.

OpenVMS professionals have long enjoyed a robust, full-featured operating system running the most mission-critical applications in existence. However, many of today's graduates may not yet have had the opportunity to experience it for themselves. Intended for an audience with some knowledge of operating systems such as Windows, UNIX and Linux, Getting Started with OpenVMS introduces the reader to the OpenVMS approach. Part 1 is a practical introduction to get the reader started using the system. The reader will learn the OpenVMS terminology and approach to common concepts such as processes and threads, queues, user profiles, command line and GUI interfaces and networking. Part 2 provides more in-depth information about the major components for the reader desiring a more technical description. Topics include process structure, scheduling, memory management and the file system. Short sections on the history of OpenVMS, including past, present, and future hardware support (like the Intel Itanium migration), are included. OpenVMS is considered in different roles, such as a desktop system, a multi-user system, a network server, and in a combination of roles. Allows the more advanced reader some meaty content yet does not overwhelm the novice Provides practical examples showing that OpenVMS is well-suited for popular modern applications Gives a high-level overview of concepts behind internals such as memory management

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