
Hibernate Getting Started Guide

The Hibernate Team

The JBoss Visual Design Team

4.1.9. Final

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Hibernate Getting Started Guide

Michael Hoelscher



Hibernate Getting Started Guide:

Getting Started with Hibernate 3 James Elliott, 2006-08-07 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

Hibernate Search in Action Emmanuel Bernard, John Griffin, 2008-12-20 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

Getting Started with ResearchKit Edward Cessna, Dhanush Balachandran, 2016-02-18 Enter the era of medical research using mobile devices with the help of this guide on ResearchKit About This Book Create a simple clinical research app using most aspects of ResearchKit Build a simple survey with various data types with the results printed on the screen A step by step guide introducing Apple s ResearchKit and techniques to incorporate it into various apps Who This Book Is For This book is aimed at medical researchers with basic iOS coding knowledge and iOS developers looking to create clinical research apps What You Will Learn Learn to create customized consent form Get introduced to two backend services a simple backend server using Sinatra and Sage Bridge Build a custom task a conditional survey example and a navigable task Get an Overview of ResearchKit s open source repository and App Core Interaction with the hardware of the device including the gyro and the motion sensors Learn the basics of this revolutionary technology Get introduced to the barebones app and learn to write your first code In Detail ResearchKit is an open source software development framework from Apple that lets you easily create mobile applications for clinical research studies ResearchKit provides you the ability to orchestrate the administration of tasks and recording of the results ResearchKit provides tasks in order to perform informed consent active tasks and surveys Starting with the basics of the ResearchKit framework this book walks you through the steps of creating iOS applications

that could serve as the basis of a clinical research mobile app This book will introduce readers to ResearchKit and how to turn your iPhone into a clinical research tool The book will start off by installing and building the research framework in line with the researcher s needs during this the reader will learn to embed ResearchKit in the application and create a small task After this the book will go a little deeper into creating modules for surveys consents and so on The book will also cover the various aspects of privacy and security with regard to participant data and how to build dashboards for visualizing medical data and results in line with the researcher s requirements data backends JSON serialization and deserialization and so on Readers will be able to fully utilize ResearchKit for medical research will be able to get more and more patients to participate in their surveys and will gain insights from the surveys using the dashboards created Style and approach A hands on guide with ample screenshots for you to follow and learn about ResearchKit Each topic is explained sequentially and placed in context so that you can get a better understanding of every step in the process of creating clinical research apps

Getting Started with Grails Jason Rudolph,2007-02-01 Grails is an open source rapid web application development framework that provides a super productive full stack programming model based on the Groovy scripting language and built on top of Spring Hibernate and other standard Java frameworks Ruby on Rails pioneered the innovative coupling of a powerful programming language and an opinionated framework that favors sensible defaults over complex configuration but many organizations aren t yet ready to stray from the safety of Java or forgo their current Java investments Grails makes it possible to achieve equivalent productivity in a Java centric environment Over the course of this book the reader will explore the various aspects of Grails and also experience Grails by building a Grails app **Apache Ignite Quick Start Guide**

Sujoy Acharya,2018-11-30 Build efficient high performance scalable systems to process large volumes of data with Apache Ignite Key FeaturesUnderstand Apache Ignite s in memory technologyCreate High Performance app components with IgniteBuild a real time data streaming and complex event processing systemBook Description Apache Ignite is a distributed in memory platform designed to scale and process large volume of data It can be integrated with microservices as well as monolithic systems and can be used as a scalable highly available and performant deployment platform for microservices This book will teach you to use Apache Ignite for building a high performance scalable highly available system architecture with data integrity The book takes you through the basics of Apache Ignite and in memory technologies You will learn about installation and clustering Ignite nodes caching topologies and various caching strategies such as cache aside read and write through and write behind Next you will delve into detailed aspects of Ignite s data grid web session clustering and querying data You will learn how to process large volumes of data using compute grid and Ignite s map reduce and executor service You will learn about the memory architecture of Apache Ignite and monitoring memory and caches You will use Ignite for complex event processing event streaming and the time series predictions of opportunities and threats Additionally you will go through off heap and on heap caching swapping and native and Spring framework integration with Apache Ignite By the

end of this book you will be confident with all the features of Apache Ignite 2 x that can be used to build a high performance system architecture What you will learn Use Apache Ignite s data grid and implement web session clustering Gain high performance and linear scalability with in memory distributed data processing Create a microservice on top of Apache Ignite that can scale and perform Perform ACID compliant CRUD operations on an Ignite cache Retrieve data from Apache Ignite s data grid using SQL Scan and Lucene Text query Explore complex event processing concepts and event streaming Integrate your Ignite app with the Spring framework Who this book is for The book is for Big Data professionals who want to learn the essentials of Apache Ignite Prior experience in Java is necessary

The Definitive Guide to Grails Graeme Rocher, Jeff Scott Brown, 2009-02-19 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 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

Infinispan Data Grid Platform Definitive Guide Wagner Roberto dos Santos, 2015-05-29 This practical guide is intended for those who want to learn how to build extremely scalable applications This book is easy to read and is aimed at Java enterprise developers with a solid knowledge of Java However no previous coding experience with Infinispan is required

Getting Started with OpenVMS Michael D Duffy, 2002-11-26 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

The NexStar User's Guide Michael Swanson,2012-12-06 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

How to Use Objects Holger Gast,2015-12-22 While most developers today use object oriented languages the full power of objects is available only to those with a deep understanding of the object paradigm How to Use Objects will help you gain that understanding so you can write code that works exceptionally well in the real world Author Holger Gast focuses on the concepts that have repeatedly proven most valuable and shows how to render those concepts in concrete code Rather than settling for minimal examples he explores crucial intricacies clarifies easily misunderstood ideas and helps you avoid subtle errors that could have disastrous consequences Gast addresses the technical aspects of working with languages libraries and frameworks as well as the strategic decisions associated with patterns contracts design and system architecture He explains the roles of individual objects in a complete application how they react to events and fulfill service requests and how to transform excellent designs into excellent code Using practical examples based on Eclipse he also shows how tools can help you work more efficiently save you time and sometimes even write high quality code for you Gast writes for developers who have at least basic experience those who've finished an introductory programming course a university computer science curriculum or a first or second job assignment Coverage includes Understanding what a professionally designed object really looks like Writing code that reflects your true intentions and testing to make sure it does Applying language idioms and connotations to write more readable and maintainable code Using design by contract to write code that consistently does what it's supposed to do Coding and architecting effective event driven software Separating model and view and avoiding common mistakes Mastering strategies and patterns for efficient flexible design Ensuring predictable object collaboration via responsibility driven design Register your product at informit.com register for convenient access to downloads updates and corrections as

they become available *Guide to Web Development with Java* Tim Downey,2012-02-19 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 services **Get Started in Windows 7** Peter MacBride,2010-06-25 *Get Started in Windows 7* explains all the key aspects of this operating system from the user s angle including running programs and managing files getting online managing your email maintaining your system configuring printers customising your system getting help using accessories Written for the new user at home or in the office it covers all the key features of Windows 7 and helps you maximise your use of the system with confidence NOT GOT MUCH TIME One and five minute introductions to key principles to get you started AUTHOR INSIGHTS Lots of instant help with common problems and quick tips for success based on the author s many years of experience TEST YOURSELF Tests in the book and online to keep track of your progress EXTEND YOUR KNOWLEDGE Extra online articles at www.teachyourself.com to give you a richer understanding of Windows 7 FIVE THINGS TO REMEMBER Quick refreshers to help you remember the key facts TRY THIS Innovative exercises illustrate what you ve learnt and how to use it *The Definitive Guide to Grails 2* Jeff Scott Brown,Graeme Rocher,2013-02-03 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 **Getting Started as an Independent Computer Consultant** Mitch Paioff,2009 **Acceso a Datos (GRADO SUPERIOR)** José Eduardo Córcoles Tendero,2013-05-28 La presente obra est principalmente dirigida a los

estudiantes del Ciclo Formativo de Grado Superior de Desarrollo de Aplicaciones Multiplataforma en concreto para el Módulo Profesional Acceso a Datos Los contenidos del libro recorren las principales y más asentadas tecnologías relacionadas con el acceso a fuentes de datos El objetivo se resume en ofrecer una visión de diferentes sistemas de almacenamiento destinados a la persistencia de datos y en mostrar de manera práctica con Java cómo las aplicaciones informáticas pueden acceder a esos datos recuperarlos e integrarlos

Ficheros XML bases de datos orientadas a objetos bases de datos objeto relacionales bases de datos XML nativas acceso a datos con conectores JDBC y frameworks de mapeo objeto relacional ORM son algunas de las tecnologías que se trabajan en este libro Todas ellas son referencias en el desarrollo de aplicaciones multiplataforma profesionales Los capítulos del libro incluyen actividades resueltas y proyectos Java de ejemplo Estos recursos tienen como propósito facilitar la asimilación de las tecnologías tratadas De esta manera se pretende que el estudiante asimile la teoría desde una perspectiva práctica Asimismo se incorporan tests de conocimientos y ejercicios propuestos con la finalidad de comprobar que los objetivos de cada capítulo se han asimilado correctamente

Grails in Action Peter Ledbrook, Glen Smith, 2014-06-10 Summary Grails in Action Second Edition is a comprehensive introduction to Grails 2 focused on making you super productive fast In this totally revised new edition you'll master Grails 2 3 core skills as you apply TDD techniques to developing a full scale Twitter clone Along the way you'll learn the latest single page web app UI techniques work with NoSQL backends integrate with enterprise messaging and implement a complete RESTful API for your services Purchase of the print book includes a free eBook in PDF Kindle and ePub formats from Manning Publications About the Technology It may be time for you to stop reconfiguring rewriting and recompiling your Java web apps Grails a Groovy powered web framework hides all that busy work so you can concentrate on what your applications do not how they're built In addition to its famously intuitive dev environment and seamless integration with Spring and Hibernate the new Grails 2 3 adds improved REST support better protection against attacks from the web and better dependency resolution About the Book Grails in Action Second Edition is a comprehensive introduction to Grails 2 In this totally revised edition you'll master Grails as you apply TDD techniques to a full scale example a Twitter clone Along the way you'll learn single page web app techniques work with NoSQL backends integrate with enterprise messaging implement a RESTful API and more No Java or Groovy knowledge is required Some web development and OOP experience is helpful What's Inside Covers Grails 2 3 from the ground up Agile delivery and testing using Spock How to use and manage plugins Tips and tricks from the trenches About the Authors There's no substitute for experience Glen Smith and Peter Ledbrook have been fixtures in the Grails community contributing code blogging and speaking at conferences worldwide since Grails 0 2 Table of Contents PART 1 INTRODUCING GRAILS Grails in a hurry The Groovy essentials PART 2 CORE GRAILS Modeling the domain 63 Creating the initial UI Retrieving the data you need Controlling application flow Services and data binding Developing tasty forms views and layouts PART 3 EVERYDAY GRAILS Building reliable applications Using plugins just add water Protecting your application Exposing

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