

# Hibernate Tips

More than 70 solutions to common Hibernate problems

**Thorben Janssen** 

# **Hibernate Tips More Than 70 Solutions To Common**

**Thorben Janssen** 

#### **Hibernate Tips More Than 70 Solutions To Common:**

Hibernate Tips Thorben Janssen, 2018-01-09 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 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

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Pacific Rural Press .1931 **The Ortho Problem Solver** Michael Daman Smith, 1982 **Hibernate Recipes** Gary Mak, Srinivas Guruzu, Joseph Ottinger, 2015 Hibernate Recipes Second Edition contains a collection of code recipes and templates for learning and building Hibernate solutions for you and your clients including how to work with the Spring Framework and the IPA 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 Hibernate Recipes Second Edition is a must have book for your library Hibernate 4 x continues to be the most popular out of the box open source framework solution for Java persistence and data database accessibility techniques and patterns and it works well with the most popular open source enterprise Java framework of all the Spring Framework Hibernate is used for e commerce based web applications as well as heavy duty transactional systems for the Java Persistence with Spring Data and Hibernate Catalin Tudose, Christian Bauer (Computer enterprise scientist), Gavin King, 2023-02-28 Java Persistence with Spring Data and Hibernate teaches you the ins and outs of Java persistence with hands on examples using Spring Data JPA and Hibernate The book carefully analyzes the capabilities of the major Java persistence tools and guides you through the most common use cases By comparing and contrasting the alternatives you ll find it easy to choose the right tool choice for your applications You ll learn how to make and utilize mapping strategies about the different approach to transactions for both Hibernate and Spring Data and even how to efficiently test Java persistence applications The practical techniques are demonstrated with both relational and non Hibernate Recipes Gary Mak, Srinivas Guruzu, Joseph Ottinger, 2015-03-04 Hibernate Recipes Second relational databases Edition contains a collection of code recipes and templates for learning and building Hibernate solutions for you and your clients including how to work with the Spring Framework and the JPA 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 Hibernate Recipes Second Edition is a must have book

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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 approachThis 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 Beginning Hibernate 6 Joseph B. Ottinger, Jeff Linwood, Dave Minter, 2021-10-26 Get started with Hibernate situations an open source Java persistence layer and gain a clear introduction to the current standard for object relational persistence in Java This updated edition includes the new Hibernate 6 0 framework which covers new configuration new object relational mapping changes and enhanced integration with the more general Spring Boot and Quarkus and other Java frameworks 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 6 using a present day build process Integrate into the persistence life cycle Search and guery with the new version of Hibernate Keep track of versioned data with Hibernate Envers Who This Book Is For Programmers experienced in Java with databases the traditional or connected approach but new to open source lightweight Hibernate Mastering Hibernate Ramin Rad, 2016-05-16 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 **Beginning Hibernate** Jeff Linwood, 2010 Beginning Hibernate Second Edition is ideal if you re experienced in Java with databases the traditional or connected approach but new to open source lightweight Hibernate the de facto object relational mapping and database oriented application development framework This book packs in information about the release of the Hibernate 3.5 persistence layer and provides a clear introduction to the current standard for object relational persistence in Java And since the book keeps its focus on Hibernate without wasting time on nonessential third party tools you ll be able to immediately start building transaction based engines and applications Experienced authors Dave Minter and Jeff Linwood provide more in depth examples than any other book for Hibernate beginners The authors also present material in a lively example based manner not a dry theoretical hard to read fashion

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