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Gestion optimale de la persistance dans les applications Java/J2EE

Anthony Patricio

[Hibernate Gestion Optimale De La Persistance Dans Les Applications Javajee](#)

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Hibernate Gestion Optimale De La Persistance Dans Les Applications Javajee:

Java Persistence et Hibernate Anthony Patricio,2011-07-07 Gestion optimale de la persistance dans les applications Java JEE Avec JPA Java Persistance API composante essentielle des sp cifications EJB 3 le monde Java JEE dispose enfin d un standard fiable et efficace pour la gestion de la persistance et du mapping objet relationnel Largement inspir du pragmatisme d Hibernate et tirant parti d une avanc e majeure de Java SE 5 les annotations Java Persistance privil gie la simplicit de d veloppement en pla ant les m tadonn es de persistance au coeur du code Java SE ou EE et en rel guant les descripteurs XML aux cas extr mes Un livre pratique illustr d une tude de cas d taill e A la fois pratique et didactique cet ouvrage d crit les diff rentes facettes de l API et de son impl mentation Hibernate en montrant comment les mettre en oeuvre travers une tude de cas d clin e au fil des chapitres Il insiste tout particuli rement sur la d finition des annotations et l utilisation du gestionnaire d entit s en environnement Java SE ou Java EE ainsi que sur les aspects m thodologiques et sur les questions de performances mapping de mod les objet ou de sch mas relationnels complexes r cup ration efficace des objets persistants gestion de la concourance et persistance transitive configuration des pools de connexions et des caches de second niveau etc L ouvrage montre galement comment repousser les limites de Java Persistence API gr ce aux possibilit s d optimisation et aux extensions offertes par Hibernate Sur le site www editions eyrolles com Dialoguez avec l auteur Consultez les mises jour et compl ments T l chargez le code source de l tude de cas   Hibernate 3.0 Anthony Patricio,2011-07-07 Gestion optimale de la persistance dans les applications Java J2EE Standard de fait Hibernate s est impos comme la solution id ale pour g rer le d licat probl me de la persistance des objets Java J2EE par mapping vers les bases de donn es re   **Java Persistence With Hibernate** Christian Bauer,Gavin King,2006-12 Java Persistence with Hibernate explores Hibernate by developing an application that ties together hundreds of individual examples You ll immediately dig into the rich programming model of Hibernate 3 2 and Java Persistence working through queries fetching strategies caching transactions conversations and more You ll also appreciate the well illustrated discussion of best practices in database design object relational mapping and optimization techniques   **Spring Persistence with Hibernate** Paul Fisher,Brian D. Murphy,2011-02-01 Persistence is an important set of techniques and technologies for accessing and transacting 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 Spring framework is the leading out of the box solution for enterprise Java developers in it you can find a number of Java Persistence solutions This book gets you rolling with fundamental Spring Framework 3 concepts and integrating persistence functionality into enterprise Java applications using Hibernate the JavaTM Persistence API JPA 2 and the Grails Object Relational Mapping tool GORM Covers core Hibernate fundamentals demonstrating how the framework can be best utilized within a Spring application context Covers how to use and integrate JPA 2 found in the new Java EE 6 platform Covers how to integrate and use the new Grails

persistence engine GORM   Java Persistence with Hibernate Gary Gregory,Christian Bauer,2015-10-27 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   **Advanced Java Persistence: Techniques and Best Practices with Hibernate** Adam Jones,2024-12-13 Unlock the full potential of Java persistence with Advanced Java Persistence Techniques and Best Practices with Hibernate This definitive guide offers an in depth exploration of Hibernate the leading ORM framework that has transformed Java application development With comprehensive coverage ranging from foundational concepts and configurations to advanced mappings query optimizations and performance tuning this book is meticulously crafted for Java developers architects and anyone eager to master Hibernate Advanced Java Persistence is structured to elevate your skills by detailing how to seamlessly integrate Hibernate into your Java projects for

enhanced data handling and optimized application performance Discover how to harness Hibernate s capabilities for entity mapping transaction management concurrency control and more This book enriched with practical examples expert insights and valuable tips equips you to overcome common challenges empowering you to build efficient scalable and robust Java applications Whether you re new to Hibernate or seeking to enhance your existing knowledge this book provides a wealth of information and best practices to help you navigate the complexities of Java persistence Prepare to transform your application development process and achieve superior results with Advanced Java Persistence Techniques and Best Practices with Hibernate   *Java Persistence with Spring Data and Hibernate* Catalin Tudose,Christian Bauer (Computer 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 relational databases   **Spring Boot Persistence Best Practices** Anghel Leonard,2020 This book is a collection of developer code recipes and best practices for persisting data using Spring particularly Spring Boot The book is structured around practical recipes where each recipe discusses a performance case or performance related case and almost every recipe has one or more applications Mainly when we try to accomplish something e g read some data from the database there are several approaches to do it and in order to choose the best way you have to know the implied trades off from a performance perspective Youll see that in the end all these penalties slow down the application Besides presenting the arguments that favor a certain choice the application is written in Spring Boot style which is quite different than plain Hibernate Persistence is an important set of techniques and technologies for accessing and using data and this book demonstrates that data is mobile regardless of specific applications and contexts In Java development persistence is a key factor in enterprise ecommerce cloud and other transaction oriented applications 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 You will Shape to many associations for best performances Effectively exploit Spring Projections DTO Learn best practices for batching inserts updates and deletes Effectively fetch parent and association in a single SELECT Learn how to inspect Persistent Context content Dissect pagination techniques offset and keyset Handle queries locking schemas Hibernate types and more   JavaTM Persistence with JPA Daoqi Yang,2010-03 This book introduces Java Persistence API 2 0 the latest Java technology on persisting Java objects into relational databases It is part of Java EE 6 0 standards but can be used in both Java SE and Java EE applications 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 for most Java applications with database access Using JPA Java Persistence API consists of two main tasks The first task is to map Java classes and their fields properties to relational database tables and columns The second task is to manipulate create read update and delete Java objects so that the underlying JPA implementation translates Java operations into JDBC calls and executes SQL statements behind the scene JPA provides many easy to use features such as optimistic locking pessimistic locking lazy loading object caching bean validation and listeners for transactional events which would be daunting tasks for a typical developer to implement when using JDBC JPA makes software development fun and leads to improved productivity The book is written for Java developers and architects who know Java programming but want to learn this new and standard technology It is also aimed at experienced JPA developers who may use this book as a reference This book tries to be easy to understand and provides many useful code examples Also it tries to be complete in JPA coverage It has a special chapter on JPA design patterns and performance tuning The author hopes to provide a valuable book for novice and experienced JPA developers http YangDaoqi info for information on source code download and errata **Hibernate Search in Action** Emmanuel Bernard,John Griffin,2008-12-20 Enterprise and web applications require full featured Google quality searchcapabilities but such features are notoriously difficult to implement and maintain Hibernate Search builds on the Lucene feature set and offers an easyto implement interface that integrates seamlessly with Hibernate the leadingdata persistence solution for Java applications Hibernate Search in Action introduces both the principles of enterprise searchand the implementation details a Java developer will need to use HibernateSearch effectively This book blends the insights of the Hibernate Search leaddeveloper with the practical techniques required to index and manipulate data assemble and execute search queries and create smart filters for better searchresults Along the way the reader masters performance boosting concepts likeusing Hibernate Search in a clustered environment and integrating with thefeatures already in your applications This book assumes you re a competent Java developer with some experienceusing 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 6** Joseph B. Ottinger,Jeff Linwood,Dave Minter,2021-10-26 Get started with Hibernate 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 query 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

Comprehensive Hibernate Reference Richard Johnson,2025-06-19 Comprehensive Hibernate Reference The Comprehensive Hibernate Reference serves as the definitive resource for mastering Hibernate the preeminent Java ORM framework relied upon in modern enterprise applications Beginning with robust explorations into the foundational principles of object relational mapping and Hibernate s internal architecture the book guides readers through advanced configuration strategies session management and the building blocks of scalable persistence solutions Practitioners will develop a thorough understanding of Hibernate s modular design service provider interfaces and integration challenges facing both standalone and enterprise Java environments Delving deeply into specialized mapping techniques the guide demystifies complex entity relationships inheritance hierarchies and custom user types equipping professionals to address domains ranging from relational to semi structured data sources such as JSON and XML A comprehensive treatment of advanced querying methods including HQL JPQL the Criteria API and native SQL enables readers to craft performant secure and maintainable data access layers Coupled with expert chapters on caching strategies transaction and concurrency control extensibility and event driven processing the book provides readers with the knowledge necessary to fine tune both application responsiveness and consistency Special attention is paid to contemporary challenges in distributed systems multitenancy security and cloud deployment ensuring the reference remains relevant for architects and developers delivering business critical systems at scale By also incorporating guidance on testing strategies diagnostics compliance and performance engineering as well as offering insight into the future of Hibernate within emerging paradigms like reactive and microservice architectures Comprehensive Hibernate Reference is an indispensable companion for professionals seeking mastery and longevity in Java persistence **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

Hibernate Recipes Gary Mak,Srinivas Guruzu,2010-08-11 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 **Spring par la pratique** Julien Dubois,Jean-Philippe Retaillé,Thierry Templier,2011-07-07 Simplifier le d veloppement des applications Java J2EE Cet ouvrage montre comment d velopper des applications Java J2EE professionnelles et performantes gr ce Spring associ d autres frameworks populaires telles que Struts Hibernate ou Axis Spring s appuie sur des concepts modernes tels que la notion de conteneur l ger l inversion de contr le ou la programmation orient e aspect afin d am liorer l architecture des applications Java J2EE en les rendant plus souples plus rapides d velopper et plus facilement testables Un livre pratique illustr d une tude de cas d taill e L ouvrage pr sente les concepts sur lesquels reposent Spring avant de d tailler les diff rentes facettes du d veloppement d applications Web avec Spring couche pr sentation Struts Spring MVC Spring Web Flow portlets applications Ajax persistance des donn es et gestion des transactions int gration avec d autres applications et s curit applicative L accent est mis tout particuli rement sur les bonnes pratiques de conception et de d veloppement qui sont illustr es travers une tude de cas d taill e le projet Open Source Tudu Lists Sur le site www editions eyrolles com Dialoguez avec les auteurs T l chargez le code source de l tude de cas du livre **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

Beginning Hibernate: From Novice to Professional Dave Minter & Jeff Linwood,2006-10 This book packs in brand new information about the latest release of the Hibernate 3 2 x persistence layer and provides a clear introduction to the current standard for object relational persistence in Java An Introduction to Hibernate 3 Integrating and Configuring Hibernate Building a Simple Application The Persistence of LifeCycle An Overview of Mapping Mapping with Annotations Creating Mappings with Hibernate XML Files Using the Session Searches and Queries Advanced Queries Using Criteria Filtering the Results of Searches **Beginning Hibernate** Joseph Ottinger,Jeff Linwood,Dave Minter,2016-12-13 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 li 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 *Web Development with Java* Tim Downey,2008-01-11 This book jumps to the good stuff from the outset allowing students to quickly start writing real applications It introduces readers to a 3 tiered Model View Controller architecture by using Hibernate JSPs and Java Servlets This book uses existing powerful technologies such as JSP JavaBeans Annotations JSTL Java 1 5 Hibernate Apache Velocity and Tomcat It also presents Model 1 architectures using Servlets and JSP as alternatives to Perl and PHP Written for novice developers this book provides an introductory course in web development for undergraduates as well as web developers Spring Persistence with Hibernate Ahmad Seddighi,2009-11-25 Spring Persistence with Hibernate is an easy to follow step by step and example rich guide to using Spring and Hibernate to build robust and effective Java applications Furthermore the book can be used as reference in areas where developers need help All the topics explained in the book are demonstrated with practical examples and uncomplicated figures The book is primarily for Spring developers and users who want to persist using the popular Hibernate persistence framework Java Hibernate JPA Spring and open source developers in general will also find the book

useful

Hibernate Gestion Optimale De La Persistance Dans Les Applications Javajee: Bestsellers in 2023 The year 2023 has witnessed a remarkable surge in literary brilliance, with numerous compelling novels captivating the hearts of readers worldwide. Lets delve into the realm of top-selling books, exploring the engaging narratives that have captivated audiences this year. The Must-Read : Colleen Hoovers "It Ends with Us" This poignant tale of love, loss, and resilience has captivated readers with its raw and emotional exploration of domestic abuse. Hoover expertly weaves a story of hope and healing, reminding us that even in the darkest of times, the human spirit can succeed. Uncover the Best : Taylor Jenkins Reids "The Seven Husbands of Evelyn Hugo" This spellbinding historical fiction novel unravels the life of Evelyn Hugo, a Hollywood icon who defies expectations and societal norms to pursue her dreams. Reids compelling storytelling and compelling characters transport readers to a bygone era, immersing them in a world of glamour, ambition, and self-discovery. Hibernate Gestion Optimale De La Persistance Dans Les Applications Javajee : Delia Owens "Where the Crawdads Sing" This evocative coming-of-age story follows Kya Clark, a young woman who grows up alone in the marshes of North Carolina. Owens spins a tale of resilience, survival, and the transformative power of nature, captivating readers with its evocative prose and mesmerizing setting. These top-selling novels represent just a fraction of the literary treasures that have emerged in 2023. Whether you seek tales of romance, adventure, or personal growth, the world of literature offers an abundance of captivating stories waiting to be discovered. The novel begins with Richard Papen, a bright but troubled young man, arriving at Hampden College. Richard is immediately drawn to the group of students who call themselves the Classics Club. The club is led by Henry Winter, a brilliant and charismatic young man. Henry is obsessed with Greek mythology and philosophy, and he quickly draws Richard into his world. The other members of the Classics Club are equally as fascinating. Bunny Corcoran is a wealthy and spoiled young man who is always looking for a good time. Charles Tavis is a quiet and reserved young man who is deeply in love with Henry. Camilla Macaulay is a beautiful and intelligent young woman who is drawn to the power and danger of the Classics Club. The students are all deeply in love with Morrow, and they are willing to do anything to please him. Morrow is a complex and mysterious figure, and he seems to be manipulating the students for his own purposes. As the students become more involved with Morrow, they begin to commit increasingly dangerous acts. The Secret History is a brilliant and suspenseful novel that will keep you guessing until the very end. The novel is a warning tale about the dangers of obsession and the power of evil.

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Hibernate Gestion Optimale De La Persistance Dans Les Applications Javajee Introduction

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