Pro JPA 2 (Expert's Voice in Java)

By Mike Keith, Merrick Schincariol

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Pro JPA 2, Second Edition introduces, explains, and demonstrates how to use the new Java Persistence API (JPA) 2.1 from the perspective of one of the specification creators. A one-of-a-kind resource, it provides both theoretical and extremely practical coverage of JPA usage for both beginning and advanced developers.

Authors **Mike Keith** and **Merrick Schincariol** take a hands–on approach, based on their wealth of experience and expertise, by giving examples to illustrate each concept of the API and showing how it is used in practice. The examples use a common model from an overriding sample application, giving readers a context from which to start and helping them to understand the examples within an already familiar domain. After completing the book, you will have a full understanding of JPA and be able to successfully code applications using its annotations and APIs. The book also serves as an excellent reference guide during initial and later JPA application experiences.

- Hands-on examples for all aspects of the JPA specification
- Expert insight about various aspects of the API and when they are useful
- Portability hints to provide increased awareness of the potential for non–portable JPA code

What you'll learn

- How to get started with enterprise applications using JPA 2.1
- Simple and advanced object–relational mapping techiques
- How to use the complete Entity Manager API
- How to create queries using the query language (JP QL) and the Criteria API
- Locking, concurrency, and other advanced concepts
- How to use XML mapping files and descriptors
- How to package and deploy your Java Persistence applications
- How to test your Java Persistence applications

Who this book is for

The book generally targets enterprise and persistence developers who fall in one of three categories:

- Those who are new to persistence; we will offer an introduction to persistence and to the basic concepts so these readers can have solid base from which to become proficient at JPA.
- Those who know and/or use existing ORM persistence products such as Hibernate or TopLink/EclipseLink.
- Those who have already used JPA and want to learn about newer features introduced by JPA 2.1, or have a good reference book to consult when they develop JPA applications.

In general, we assume that the reader is knowledgeable with Java, SQL, and JDBC, and has a little knowledge of Java EE.

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- Sales Rank: #665417 in eBooks
- Published on: 2013-09-24
- Released on: 2013-09-24
- Format: Kindle eBook

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Editorial Review

About the Author
Mike Keith wasthe co-specification lead for JPA 1.0 and a member of the JPA 2.0 and JPA 2.1expert groups. He sits on a number of other Java Community Process expertgroups and the Enterprise Expert Group (EEG) in the OSGi Alliance. He holds aMasters degree in Computer Science from Carleton University, and has over 20years experience in persistence and distributed systems research and practice.He has written papers and articles on JPA and spoken at numerous conferencesaround the world. He is employed as an architect at Oracle in Ottawa, Canada,and is married with four kids and two dogs.

Users Review

From reader reviews:

Raymond Custer:

This Pro JPA 2 (Expert's Voice in Java) book is not ordinary book, you have after that it the world is in your hands. The benefit you have by reading this book will be information inside this publication incredible fresh, you will get info which is getting deeper a person read a lot of information you will get. This Pro JPA 2 (Expert's Voice in Java) without we recognize teach the one who examining it become critical in pondering and analyzing. Don't always be worry Pro JPA 2 (Expert's Voice in Java) can bring once you are and not make your carrier space or bookshelves' turn into full because you can have it within your lovely laptop even mobile phone. This Pro JPA 2 (Expert's Voice in Java) having very good arrangement in word and layout, so you will not truly feel uninterested in reading.

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