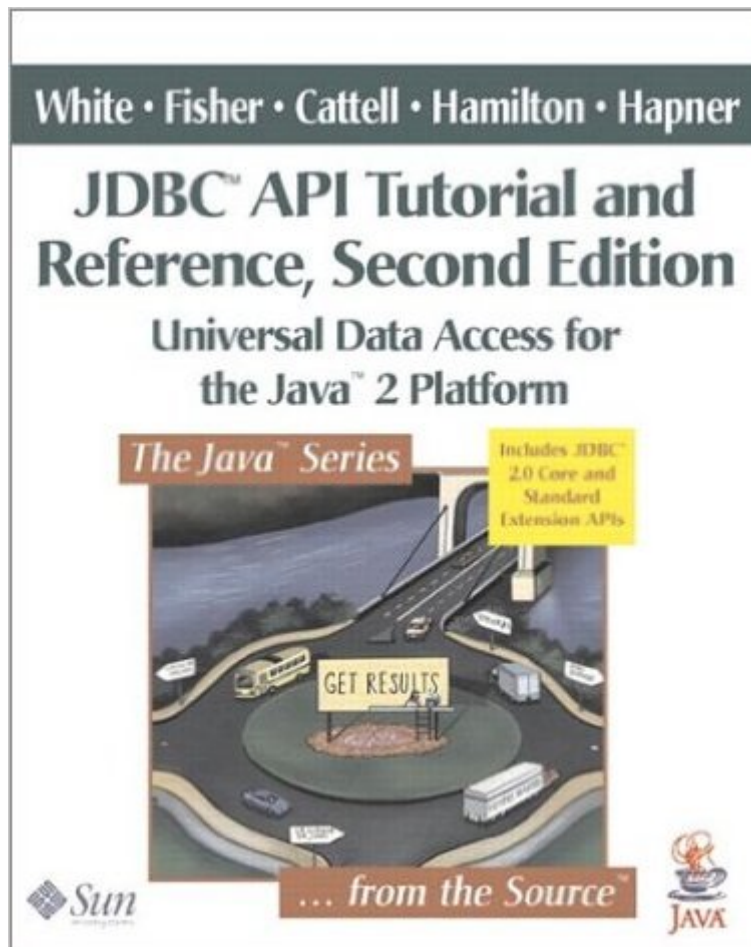# JDBC(TM) API Tutorial And Reference: Universal Data Access For The Java(TM) 2 Platform (2nd Edition)

Synopsis

This book provides the definitive description of the JDBCaA A API, the technology that enables universal data access for the JavaaA A programming language. This new edition has been updated and expanded to cover all of the JDBC 2.0 API, including the JDBC 2.0 core API and the JDBC Standard Extension API, the package that facilitates building server-side applications. Containing in-depth explanations that go beyond the specification, this complete resource pairs a step-by-step tutorial with a comprehensive reference to all of the classes and interfaces. For those new to Java technology, the book includes an introduction to the Java programming language and to SQL. It builds on this basic knowledge to walk you through creating a JDBC application-from setting up a database and establishing a connection to retrieving values from result sets and using prepared statements. In addition, the authors provide many examples along the way that demonstrate how to execute common tasks. The book proceeds to more advanced topics, focusing on the new features of the JDBC 2.0 API, including scrollable and updatable result sets, batch updates, SQL3 data types, custom mapping, and more.You will also find an introduction to working with the JDBC metadata API as well as information on rowsets, the technology that makes it possible to handle data sets from any source such as JavaBeansaA A components. From array to XADataSource, a useful alphabetical reference provides concise but complete information on each class and interface in the JDBC API. Each entry includes an overview as well as a list and explanation of the methods and fields. A chapter on mapping SQL types and types in the Java programming language, a summary of the new JDBC 2.0 features, and a glossary complete this indispensable resource for all database programmers. 0201433281B04062001

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Customer Reviews

The full database connectivity and usage of the Java language is covered. With excellent code samples that appeal to all levels of programmers. I have used it to develop an inhouse delivery system and I am not a professional programmer. Very up to date with coverage of all the latest features of the API and what is due soon. EXCELLENT.

Despite the complexity of JDBC in general, this book gives it to you in a clear, concise format that even a first time programmer would understand.Although this book provides coverage of SQL and Java, it wouldn't hurt to familiarize yourself with them before picking this book up.

This book provides a lot of valuable background information and is complementary to the JDBC specification. This is a "must have" if you want to know more about the more complex topics of JDBC like scrollable result sets, datasources, connection pooling, etc.

If you look for a good book on JDBC 2.0, this is "the" book. The book is complete, in fact, it covers both jdbc1.0 and 2.0. All topics are explained expertly with style and depth, and in a very accesible way so that beginners can understand. All the codes are clearly written to prove all the main points discussed in the book. This book is the best both for learning jdbc and a reference.Since not all the features in JDBC2.0 have been adopted by vendors, this book will remain as "the" reference for many years to come.

This book provides an excellent tutorial on JDBC 2.0 core features and standard extensions. In particular, the chapters on standard extensions (XA, connection pooling,...) provide unique step-by-step descriptions/examples that offer a top-down view of these features.

JDBC is one of the most mature and widely used Java APIs. Even after the arrival of more recent tools and technologies like EJB's CMP and JDO, JDBC still remains a simple, fast, and reliable way of storing objects' state in an RDBMS. While conceptually this technology is quite straightforward, its

evolution has made it more complex and voluminous. Many books have been trying to explain the main aspects of it over and over again, but the 3rd edition of "JDBC API Tutorial and Reference" goes far beyond that.The book is divided into two major sections: the Tutorial and the Reference. Actually, there are four tutorials in the Part One: Basic, Advanced, MetaData, and Rowset. Here well-written explanations are followed by clear and detailed examples.It is remarkable that Part Two, The Reference, is not your typical API reference with simply method signatures or redundant explanations of their arguments. This is an extremely well thought through description of how to use JDBC 3.0 API to achieve a particular goal. Every class has a solid overview, examples, schemas -- everything one needs to get the job done. The book also contains an Appendix for JDBC driver developers and another Appendix covering JDBC 3.0 API changes.This book provides the most clear and comprehensive JDBC coverage that I have ever seen. It is not just a matter of its size of over 1200 pages, but although the result of a well designed book structure and clear delivery.

If you are an experienced or intermediate programmer this is the only book you will need. Almost every bit of the JDBC is explaind. The API in the second part of the book is also very good, it is filled with explanations that the javadoc lacks.

About everything regarding the JDBC API you can find in this great book. Definitely worth taking a look inside and to be surprised by the amount of detailed info about what you were just looking for. It's a great reference with many samples to kickstart from whatever level you actually want to start from. That's why I'd like to recommend the book to you and every serious Java developer using JDBC.

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