

(Mobile book) Oracle Database Programming using Java and Web Services

Oracle Database Programming using Java and Web Services

Von Kuassi Mensah

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Von Kuassi Mensah : Oracle Database Programming using Java and Web Services before purchasing it in order to gage whether or not it would be worth my time, and all praised Oracle Database Programming using Java and Web Services:

KundenrezensionenHilfreichste Kundenrezensionen2 von 2 Kunden fanden die folgende Rezension hilfreich. Das sollte jeder Java-Entwickler im Oracle-Umfeld gelesen haben.Von Dietrich SchroffDieses Buch gibt einen umfassenden berblick rund um das Programmieren mit der Oracle Datenbank bis zur Version 10. Dabei liegt der Fokus wie es der Titel auch schon nahelegt auf Java.Alle Kapitel sind sehr verstdlich geschrieben. Besonders herausragend sind z.B. Kapitel 2: OracleJVM. Hier wird beschrieben, welche Besonderheiten die JVM der Oracle Datenbank auszeichnen und wie diese mit den Sessions verknpft sind. Dabei werden die Oracle Datenbank-Parameter beschrieben, die zum Betrieb der JVM ntig sind. Auch die Einschrnkung, dass kein JIT-Compiler verwendet wird und damit NCOMP (Native Java Compiler) verwendet werden muss, um eine gute Performance zu erzielen. An einem Beispiel wird der Kompilierungsprozess auch fr Anfnger verstdlich.Ein sehr unterhaltsames Kapitel ist Nr. 5 in dem

beschrieben wird, wie man andere Sprachen mittels Java-Compilers for non-Java Sprachen in der JVM der Oracle Datenbank laufen lassen kann. Dies ist mit Beispielen für TCL, Python, Scheme und Groovy untermauert. Kapitel 6 ist für Einsteiger geeignet, da hier alles Wissenswerte über JDBC zusammengefasst ist. Die Unterschiede von Typ 1 bis Typ 4 und die exakten Unterschiede zwischen THIN und OCI mit einer ausführlichen Matrix. Kapitel 7 ist für erfahrene Entwickler sehr wertvoll, sobald sie im Umfeld von Hochverfügbarkeit Oracle Datenbanken einsetzen müssen. Die Eigenschaften von Load Balancing, Fast Connection Failover als auch von ONS sind hier erklärt insbesondere was diese Techniken im Detail bereitstellen und was dadurch nicht abgedeckt wird. Zum Nachvollziehen sind mehrere Beispiele vorhanden. Kapitel 8 beschreibt über 150 Seiten SQL Data Access and Manipulation. Hier werden alle Datentypen, Result Sets etc. beschrieben. Dieses Kapitel ist eigentlich nur als Nachschlagewerk zu verwenden. Das neunte Kapitel bietet einen kurzen Überblick mit Best Practices rund um JDBC. Die Kapitel 10-13 bieten eine Einführung in SQLJ und JPublisher mit diversen Beispielen. Aufgrund von mangelndem Interesse habe ich diese ausgelassen. Leider sind die Kapitel 14-16 etwas enttäuschend. Sie bilden den Themenkomplex "Programming the Oracle Database with Web Services". Hier hatte ich mehr erhofft, als die Beispiele, die Google innerhalb der ersten 5 Ergebnisse meldet. Leider fehlen hier die Hintergrundinformationen, die das restliche Buch so lesenwert machen. Auch rechtfertigen diese 3 Kapitel nicht, dass dieses Buch im Titel explizit Webservices benennt und damit Werbung macht. Das letzte Kapitel beschreibt 3 Real-World Beispiele von größeren Applikationen rund um die Oracle DB. Die Beispiele sind aus heterogenen Umgebungen (AS400, Tandem, SAP, COBOL und vieles mehr). Abschließend gilt für dieses Buch: Absolut exzellent! Selbst wenn man die Oracle JVM in der Datenbank nicht verwenden wird, sollte man diesen Buch gelesen haben. Die Schwäche bei den Webservices wird durch die Informationsdichte und die gute Lesbarkeit mehr als ausgeglichen. Mit diesem Buch im Gepäck ist jeder Entwickler nicht nur für den täglichen Umgang mit einer Oracle Datenbank gerüstet sondern besitzt auch die Basis inkl. guter Beispiele für die Entwicklung von hochverfügbaren Applikationen im Zusammenspiel mit der Datenbank. 0 von 0 Kunden fanden die folgende Rezension hilfreich. Exzellent! Von Phreaks Ich hatte mir das Buch für eines meiner Projekte besorgt, nachdem ich einen kurzen Auszug gelesen hatte. Wie schon lange nicht mehr, empfinde ich es als ein wirklich hervorragendes und gelungenes Buch rund um das Thema Java und OracleDB. Natürlich findet man das ein oder andere HowTo auf der HP von Oracle, aber die Tiefe und Vollständigkeit (wie ist die JVM in der DB aufgebaut, wie funktioniert Memoryverwaltung, wie die Security, wie arbeitet man mit Oracle Object-Types, etc...) ist Klasse. Wenn damals nur die Bücher von "Oracle Press" genauso qualitativ hochwertig gewesen wären... *seufz* Klare Kaufempfehlung von mir!!!

Kurzbeschreibung The traditional division of labor between the database (which only stores and manages SQL and XML data for fast, easy data search and retrieval) and the application server (which runs application or business logic, and presentation logic) is obsolete. Although the book's primary focus is on programming the Oracle Database, the concepts and techniques provided apply to most RDBMS that support Java including Oracle, DB2, Sybase, MySQL, and PostgreSQL. This is the first book to cover new Java, JDBC, SQLJ, JPublisher and Web Services features in Oracle Database 10g Release 2 (the coverage starts with Oracle 9i Release 2). This book is a must-read for database developers audience (DBAs, database applications developers, data architects), Java developers (JDBC, SQLJ, J2EE, and OR Mapping frameworks), and to the emerging Web Services assemblers. Describes pragmatic solutions, advanced database applications, as well as provision of a wealth of code samples. Addresses programming models which run within the database as well as programming models which run in middle-tier or client-tier against the database. Discusses languages for stored procedures: when to use proprietary languages such as PL/SQL and when to use standard languages such as Java; also running non-Java scripting languages in the database. Describes the Java runtime in the Oracle database 10g (i.e., OracleJVM), its architecture, memory management, security management, threading, Java execution, the Native Compiler (i.e., NCOMP), how to make Java known to SQL and PL/SQL, data types mapping, how to call-out to external Web components, EJB components, ERP frameworks, and external databases. Describes JDBC programming and the new Oracle JDBC 10g features, its advanced connection services (pooling, failover, load-balancing, and the fast database event notification mechanism) for clustered databases (RAC) in Grid environments. Describes SQLJ programming and the latest Oracle SQLJ 10g features, contrasting it with JDBC. Describes the latest Database Web services features, Web services concepts and Services Oriented Architecture (SOA) for DBA, the database as Web services provider and the database as Web services consumer. Abridged coverage of JPublisher 10g, a versatile complement to JDBC, SQLJ and Database Web Services. **Pressestimmen** "If you are a Java programmer looking to exploit Oracle, or a database developer looking to exploit Java this is the book for you." - Thomas Kyte, VP Oracle "Oracle's support for Java in the database has continued to break new ground since it was first introduced in Oracle8i. More importantly, however, it has continued to find a larger audience over time, as people discover just how useful it is in solving their real world problems both efficiently and easily. This book is an important and welcome step forward to helping Java developers make even better use of the Oracle database." - Steven G. Harris, VP Java Platform Group "The book impressed me with its in-depth coverage on practical

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