

Oracle Database 10g Express Edition Php Web Programming Oracle Press

This JDBC tutorial book is a collection of notes and sample codes written by the author while he was learning JDBC technology himself. Topics include introduction to JDBC driver; installing JDK on Windows and other systems; Using Derby (Java DB) JDBC Driver; Using MySQL JDBC Driver (MySQL Connector/J); Using Oracle JDBC Driver; Using SQL Server JDBC Driver; Using JDBC-ODBC Bridge Driver. Updated in 2020 (Version 3.10) with JDBC 4.3. For latest updates and free sample chapters, visit <http://www.herongyang.com/JDBC>.

The only Oracle Press guide to MySQL Workbench explains how to design and model MySQL databases. MySQL Workbench Data Modeling and Development helps developers learn how to effectively use this powerful product for database modeling, reverse engineering, and interaction with the database without writing SQL statements. MySQL Workbench is a graphical user interface that can be used to create and maintain MySQL databases without coding. The book covers the interface and explains how to accomplish each step by illustrating best practices visually. Clear examples, instructions, and explanations reveal, in a single volume, the art of database modeling. This Oracle Press guide shows you how to get the tool to do what you want. Annotated screen shots demonstrate all interactions with the tool, and text explains the how, what, and why of each step. Complete coverage Installation and Configuration; Creating and Managing Connections; Data Modeling Concepts; Creating an ERD; Defining the Physical Schemata; Creating and Managing Tables; Creating and Managing Relationships; Creating and Managing Views; Creating and Managing Routines; Creating and Managing Routine Groups; Creating and Managing User & Groups; Creating and Managing SQL Scripts; Generating SQL Scripts; Forward Engineering a Data Model; Synchronize a Model with a Database; Reverse Engineering a Database; Managing Differences in the Data Catalog; Creating and Managing Model Notes; Editing Table Data; Editing Generated Scripts; Creating New Instances; Managing Import and Export; Managing Security; Managing Server Instances

"This reference expands the field of database technologies through four-volumes of in-depth, advanced research articles from nearly 300 of the world's leading professionals"--Provided by publisher.

Now in its third edition, this best-selling book continues to bring you some of the best thinking on how to apply Oracle Database to produce scalable applications that perform well and deliver correct results. Tom Kyte and Darl Kuhn share a simple philosophy: "you can treat Oracle as a black box and just stick data into it, or you can understand how it works and exploit it as a powerful computing environment." If you choose the latter, then you'll find that there are few information management problems that you cannot solve quickly and elegantly. This fully revised third edition covers the developments up to Oracle Database 12c. Significant new content is included surrounding Oracle's new cloud feature set, and especially the use of pluggable databases. Each feature is taught in a proof-by-example manner, not only discussing what it is, but also how it works, how to implement software using it, and the common pitfalls associated with it. Don't treat Oracle Database as a black-box. Get this book. Get under the hood. Turbocharge your career. Revised to cover Oracle Database 12c Proof-by-example approach: Let the evidence be your guide Dives deeply into Oracle Database's most powerful features

This book is packed with real world examples that cover all the advanced features of PL/SQL. In turn, each major certification topic is covered in a separate chapter that makes understanding concepts easier. At the end of each chapter, you will find plenty of practice questions to strengthen and test your learning. If you are a PL/SQL developer looking for deeper insight and a move from mid-level programmer to professional database developer, then this is the best guide for you. This book is also an ideal guide for all the Associate level PL/SQL programmers who are preparing for the Professional 1Z0-146 certification. This book assumes you have prior knowledge of PL/SQL programming.

This practical book for PHP/Oracle developers is built around well explained, easy-to-follow example code to build robust, efficient, secure solutions covering popular current topics on using PHP with Oracle. Assuming no special skill level, experienced author Yuli Vasiliev shows how to install and configure PHP and Oracle; connect PHP to Oracle; move application business logic to Oracle; build transactional applications; use security features; improve performance with caching; employ XML features; implement SOAP web services; build Ajax-driven PHP/Oracle solutions. Building and deploying PHP applications on Oracle Database combines the power and robustness of Oracle with the easy, rapid development of open-source PHP to achieve high-performance, scalable, reliable data-driven web applications with minimal effort. Unlike some other databases, Oracle allows building the key business logic of PHP applications inside the database, moving data processing from web server to database server.

Master Application Development in a Mixed-Platform Environment Build powerful database applications in a mixed environment using the detailed information in this Oracle Press guide. Oracle Database 11g & MySQL 5.6 Developer Handbook lays out programming strategies and best practices for seamlessly operating between the two platforms. Find out how to migrate databases, port SQL dialects, work with Oracle MySQL databases, and configure effective queries. Security, monitoring, and tuning techniques are also covered in this comprehensive volume. Understand Oracle Database 11g and MySQL 5.6 architecture Convert databases between platforms and ensure transactional integrity Create tables, sequences, indexes, views, and user accounts Build and debug PL/SQL, SQL*Plus, SQL/PSM, and MySQL Monitor scripts Execute complex queries and handle numeric and date mathematics Merge data from source tables and set up virtual directories

Master the XML Programming Features in Oracle Database 11g Develop, debug, and administer data-backed XML applications using the expert instruction and best practices in this Oracle Press guide. Oracle Database 11g: Building Oracle XML DB Applications discusses the latest development tools, technologies, and components. Find out how to set up Oracle XML Database (Oracle XML DB), build XML applications in Oracle JDeveloper 11g, work with XSLT stylesheets, and incorporate full-text search. Troubleshooting, performance tuning, and security are also covered in this comprehensive resource. Create, store, and query XML types using Oracle XML DB Load XML documents into relational tables and define SQL views Parse and validate schema with Oracle XDK for Java and PL/SQL packages Merge documents, generate reports, and transform data using XSLT Construct applications from Oracle XML DB Web services Use Oracle JDeveloper 11g to design and deploy XML applications Integrate Oracle Text and Oracle Secure Enterprise Search features Streamline the development process using Oracle Application Express This JDBC tutorial book is a collection of notes and sample codes written by the author while he was learning JDBC technology himself. Topics include introduction to JDBC driver; installing JDK on Windows and other systems; Using Derby (Java DB) JDBC

Driver; Using MySQL JDBC Driver (MySQL Connector/J); Using Oracle JDBC Driver; Using SQL Server JDBC Driver; Using JDBC-ODBC Bridge Driver. Updated in 2020 (Version 3.10) with JDBC 4.3.

Design Feature-Rich PL/SQL Applications Deliver dynamic, client/server PL/SQL applications with expert guidance from an Oracle programming professional. With full coverage of the latest features and tools, Oracle Database 11g PL/SQL Programming lays out each topic alongside detailed explanations, cut-and-paste syntax examples, and real-world case studies. Access and modify database information, construct powerful PL/SQL statements, execute effective queries, and deploy bulletproof security. You'll also learn how to implement C, C++, and Java procedures, Web-enable your database, cut development time, and optimize performance. Create, debug, and manage Oracle-driven PL/SQL programs Use PL/SQL structures, delimiters, operators, variables, and statements Identify and eliminate errors using PLSQL_WARNINGS and exception handlers Work with functions, procedures, packages, collections, and triggers Define and deploy varray, nested table, and associative array data types Handle external routines, object types, large objects, and secure files Communicate between parallel sessions using DBMS_ALERT and DBMS_PIPE Call external procedures through Oracle Net Services and PL/SQL wrappers Integrate internal and server-side Java class libraries using Oracle JVM Develop robust Web applications using PL/SQL Gateway and Web Toolkit

The fastest way to get up and running on Oracle Database XE Take full advantage of all the powerful features available in Oracle Database 10g Express Edition with help from this easy-to-follow Oracle Press guide. Hands-On Oracle Database 10g Express Edition for Linux shows you, step by step, how to set up, administer, tune, troubleshoot, and secure a robust database system. You will also learn to use PL/SQL and Oracle Application Express to build custom database applications. Get started today with the Oracle database that's free to develop, deploy, and distribute.

The book teaches the basics of the Oracle database from a beginner's perspective to the advanced concepts using a hands-on approach. Each and every concept has been elaborated with suitable practical examples along with code for clear and precise understanding of the topic. Using a practical approach, the book explains how to retrieve, add, update and delete data in the Oracle database using SQL, SQL*PLUS and PL/SQL. In the process, it discusses the various data types and built-in functions of Oracle, as well as the sorting of records and the table operations. The text also includes coverage of advanced queries using special operators, Oracle security, indexing, and stored functions and procedures. The book is suitable for undergraduate engineering students of Computer Science and Information Technology, B.Sc. (Computer Science/IT), M.Sc. (Computer Science/IT) and students of Computer Applications (BCA, MCA, PGDCA, and DCA). Besides, the book can be used as a reference by professionals pursuing short-term courses on Oracle Database and students of Oracle Certified Courses.

Covers fundamental and advanced Java database programming techniques for beginning and experienced readers This book covers the practical considerations and applications in database programming using Java NetBeans IDE, JavaServer Pages, JavaServer Faces, and Java Beans, and comes complete with authentic examples and detailed explanations. Two data-action methods are developed and presented in this important resource. With Java Persistence API and plug-in Tools, readers are directed step by step through the entire database programming development process and will be able to design and build professional data-action projects with a few lines of code in mere minutes. The second method, runtime object, allows readers to design and build more sophisticated and practical Java database applications. Advanced and updated Java database programming techniques such as Java Enterprise Edition development kits, Enterprise Java Beans, JavaServer Pages, JavaServer Faces, Java RowSet Object, and JavaUpdatable ResultSet are also discussed and implemented with numerous example projects. Ideal for classroom and professional training use, this text also features: A detailed introduction to NetBeans Integrated Development Environment Java web-based database programming techniques (web applications and web services) More than thirty detailed, real-life sample projects analyzed via line-by-line illustrations Problems and solutions for each chapter A wealth of supplemental material available for download from the book's ftp site, including PowerPoint slides, solution manual, JSP pages, sample image files, and sample databases Coverage of two popular database systems: SQL Server 2008 and Oracle This book provides undergraduate and graduate students as well as database programmers and software engineers with the necessary tools to handle the database programming issues in the Java NetBeans environment. To obtain instructor materials please send an email to: pressbooks@ieee.org

Oracle is an enormous system, with myriad technologies, options, and releases. Most users--even experienced developers and database administrators--find it difficult to get a handle on the full scope of the Oracle database. And, as each new Oracle version is released, users find themselves under increasing pressure to learn about a whole range of new technologies. The latest challenge is Oracle Database 11g. This book distills an enormous amount of information about Oracle into a compact, easy-to-read volume filled with focused text, illustrations, and helpful hints. It contains chapters on: Oracle products, options, data structures, and overall architecture for Oracle Database 11g, as well as earlier releases (Oracle Database 10g, Oracle9i, and Oracle8i) Installing, running, managing, monitoring, networking, and tuning Oracle, including Enterprise Manager (EM) and Oracle's self-tuning and management capabilities; and using Oracle security, auditing, and compliance (a new chapter in this edition) Multiuser concurrency, data warehouses, distributed databases, online transaction processing (OLTP), high availability, and hardware architectures (e.g., SMP, clusters, NUMA, and grid computing) Features beyond the Oracle database: Oracle Application Express, Fusion Middleware (including Oracle Application Server), and database SOA support as a Web services provider The latest Oracle Database 11g features: query result set caching, Automatic Memory Management, the Real Application Testing, Advanced Compression, Total Recall, and Active Data Guard Option Options, changes to the OLAP Option (transparently accessed and managed as materialized views), the Flashback transaction command, transparent data encryption, the Support Workbench (and diagnosability infrastructure), and partitioning enhancements (including interval and new composite types) For new Oracle users, DBAs, developers, and managers, Oracle Essentials provides an invaluable, all-in-one introduction to the full range of Oracle features and technologies, including the just-released Oracle Database 11g features. But even if you already have a library full of Oracle documentation, you'll find that this compact book is the one you turn to, again and again, as your one-stop, truly essential reference. "Oracle Essentials gives a clear explanation of the key database concepts and architecture underlying the Oracle database. It's a great reference for anyone doing development or management of Oracle databases." --Andrew Mendelsohn, Senior Vice President, Database Server Technologies, Oracle Corporation

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.

Design and Deploy Highly Responsive Data-Driven Web 2.0 Applications Deliver next-generation user capabilities and client-side services in your Oracle-based Web applications by combining the powerful features of AJAX and PHP. Written by Web 2.0 programming experts, Oracle Database AJAX & PHP Web Application Development shows you how to design faster, lighter, more responsive Web applications while reducing code support and creation time. You'll learn how to develop modular AJAX and PHP code, add dynamically updated content, and implement click-to-edit and drag-and-drop functionality. You'll also get details on incorporating cutting-edge mashup, reporting, and communication features. Build robust Web applications that utilize the latest AJAX, PHP, and modularity techniques Construct AJAX and PHP objects, controllers, iframes, and models Simplify programming with reusable modules, open-source libraries, and templates Optimize scalability, availability, performance, and security Auto-refresh Web pages and execute XML calls using the HttpRequest object Add HTML drill-down tables, DOM drag-and-drop, and click-to-edit features Retrieve data from external sources using Remote Procedure Calls and Pear-based services Solve browser navigation button, bookmarking, and history tracking issues Allow end users to customize Web pages using tracking, JSON, and mashups Facilitate client-side communication with VOIP, IM, targeted reporting, and file sharing

This book shows you how to master Application Express to build effective web-based Oracle database applications. The author provides hands-on, step-by-step guidance on the complete development process, through creating, customizing, and extending the application. In addition to presenting how to build a simple application, this guide also details reporting and charting, themes and templates, and security. Additionally, it demonstrates how to use packaged applications and how to work with multiple applications. Data migration and integration with the Oracle environment is also discussed.

Start developing with Oracle SQL. This book is a one-stop introduction to everything you need to know about getting started developing an Oracle Database. You'll learn about foundational concepts, setting up a simple schema, adding data, reading data from the database, and making changes. No experience with databases is required to get started. Examples in the book are built around Oracle Live SQL, a freely available, online sandbox for practicing and experimenting with SQL statements, and Oracle Express Edition, a free version of Oracle Database that is available for download. A marquee feature of Beginning Oracle SQL for Oracle Database 18c is the small chapter size. Content is divided into easily digestible chunks that can be read and practiced in very short intervals of time, making this the ideal book for a busy professional to learn from. Even just a 15-20 minute block of free time can be put to good use. Author Ben Brumm begins by helping you understand what a database is, and getting you set up with a sandbox in which to practice the SQL that you are learning. From there, easily digestible chapters cover, point-by-point, the different aspects of writing queries to get data out of a database. You'll also learn about creating tables and getting data into the database. Crucial topics such as working with nulls and writing analytic queries are given the attention they deserve, helping you to avoid pitfalls when writing queries for production use. What You'll Learn Create, update, and delete tables in an Oracle database Add, update, delete data from those database tables Query and view data stored in your database Manipulate and transform data using in-built database functions and features Correctly choose when to use Oracle-specific syntax and features Who This Book Is For Those new to Oracle who are planning to develop software using Oracle as the back-end data store. The book is also for those who are getting started in software development and realize they need to learn some kind of database language. Those who are learning software development on the side of their normal job, or learning it as a college student, who are ready to learn what a database is and how to use it also will find this book useful.

Hands-On Oracle Database 10g Express Edition for Windows McGraw Hill Professional

Leverage Oracle Database 11g Release 2 High Availability Features Protect your critical business assets and achieve maximum database uptime using the detailed information in this Oracle Press guide. Oracle Database 11g Release 2 High Availability: Maximize Your Availability with Grid Infrastructure, Oracle Real Application Clusters, and Oracle Data Guard, Second Edition provides cost-effective solutions to current availability challenges. Discover how to grid-enable your IT framework, roll out Oracle Real Application Clusters, maintain standby databases, and deploy Oracle Flashback. Monitoring, tuning, and disaster recovery techniques are also covered in this comprehensive resource. Install Oracle Clusterware (as part of Oracle's grid infrastructure) or upgrade from an earlier version Build test clusters and hosts using Oracle VM Work with Oracle Automatic Storage Management and Oracle Automatic Storage Management Cluster File System Create synchronized standby databases using Oracle Data Guard Reliably archive and restore data with Oracle Recovery Manager Use Oracle Flashback to identify and undo user errors Configure Oracle Enterprise Manager Grid Control for management of an Oracle maximum availability architecture environment

The fastest way to get up and running on Oracle Database XE Take full advantage of all the powerful features available in Oracle Database 10g Express Edition with help from this easy-to-follow Oracle Press guide. Hands-On Oracle Database 10g Express Edition for Windows shows you, step by step, how to set up, administer, tune, troubleshoot, and secure a robust database system. You will also learn to use PL/SQL and Oracle Application Express to build custom database applications. Get started today with the Oracle database that's free to develop, deploy, and distribute.

Using real-world examples and hands-on tasks, Oracle Data Guard 11gR2 Administration Beginner's Guide will give you a solid foundation in Oracle Data Guard. It has been designed to teach you everything you need to know to successfully create and operate Data Guard environments with maximum flexibility, compatibility, and effectiveness. If you are an Oracle database administrator who wants to configure and administer Data Guard configurations, then "Oracle Data Guard 11gR2 Administration Beginner's Guide" is for you. With a basic understanding of Oracle database administration, you'll be able to easily follow the book.

This book is a collection of tutorial notes and sample codes written by the author while he was learning JVM GC (Garbage Collection) processes. Topics include Java Garbage Collectors, STW (Stop-The-World), Serial Collector, Parallel Collector, Concurrent Collector, G1 Collector, GC Algorithms, Generational GC, Regional GC, Heap Memory Management, Young/New Generation, Tenured/Old Generation, Object Reference, Eden Space, Survivor Spaces, Minor GC, Major GC, Full GC, Performance Tuning, Throughput/Latency Performance, Heap Footprint. Updated in 2019 (Version 1.10) with JVM 12. For latest updates and free sample chapters, visit <http://www.herongyang.com/Java-GC>.

Designed for new and experienced developers, this book provides all of the basics you would expect to find in an introductory text and at the same time serves those who want to harness the unexploited, overlooked power of SQL and PL/SQL with examples based on most commonly used business database models. It delves deeply into new features found in Oracle Database 11g, along with existing features found in Oracle Database 9i and 10g.

Build and manage your Oracle Database XE environment with this fast paced, practical guide

ORACLE 11G: SQL is not simply a study guide; it is written for individuals who have just a basic knowledge of databases and can be utilized in a course on this latest implementation of SQL from Oracle.

Push your programming skills to the next level with the extensive information in this guide. Learn how to write dynamic PL/SQL programs; interface with Oracle databases; execute complex calculations; and handle error conditions using advanced techniques. --

This is an adaptation of Jason Gilmore's best-selling book, *Beginning PHP and MySQL*. It's a recognition of the growing use of PHP with commercial databases, Oracle in particular, enabling readers in Oracle-based shops to learn PHP on their chosen platform. Supplying the Oracle expertise is Bob Bryla, co-author of the *Oracle Database 10g DBA Handbook* and many other titles. His easy-going and straightforward style is an excellent match for Jason's, making their book one of the best things going for those wanting to learn about using PHP with Oracle.

The most up-to-date Visual Basic.NET programming textbook—covering both fundamentals and advanced-level programming techniques—complete with examples and solutions Visual Basic.NET (VB.NET) is an object-oriented computer programming language that can be viewed as an evolution of the classic Visual Basic (VB), which is implemented on the .NET Framework. Microsoft currently supplies two major implementations of Visual Basic: Microsoft Visual Studio (which is commercial software) and Microsoft Visual Studio Express (which is free of charge). Forgoing the large amounts of programming codes found in most database programming books, *Practical Database Programming with Visual Basic.NET* shows students and professionals both how to develop professional and practical database programs in a Visual Basic.NET environment by using Visual Studio.NET Data Tools and Wizards related to ADO.NET 4.0, and how to apply codes that are auto-generated by solely using Wizards. The fully updated Second Edition: Covers both fundamentals and advanced database programming techniques Introduces three popular database systems with practical examples including MS Access, SQL Server 2008, and Oracle Features more than fifty sample projects with detailed illustrations and explanations to help students understand key techniques and programming technologies Includes downloadable programming codes and exercise questions This book provides undergraduate and graduate students as well as database programmers and software engineers with the necessary tools to handle the database programming issues in the Visual Studio.NET environment.

SQL is the language of databases. It's used to create and maintain database objects, place data into those objects, query the data, modify the data, and, finally, delete data that is no longer needed. Databases lie at the heart of many, if not most business applications. Chances are very good that if you're involved with software development, you're using SQL to some degree. And if you're using SQL, you should own a good reference or two. Now available in an updated second edition, our very popular SQL Pocket Guide is a major help to programmers, database administrators, and everyone who uses SQL in their day-to-day work. The SQL Pocket Guide is a concise reference to frequently used SQL statements and commonly used SQL functions. Not just an endless collection of syntax diagrams, this portable guide addresses the language's complexity head on and leads by example. The information in this edition has been updated to reflect the latest versions of the most commonly used SQL variants including: Oracle Database 10g, Release 2 (including the free Oracle Database 10g Express Edition (XE)) Microsoft SQL Server 2005 MySQL 5 IBM DB2 8.2 PostgreSQL 8.1 database. A novel approach to developing and applying databases with Visual C#.NET *Practical Database Programming with Visual C#.NET* clearly explains the considerations and applications in database programming with Visual C#.NET 2008 and in developing relational databases such as Microsoft Access, SQL Server, and Oracle Database. Sidestepping the traditional approach of using large blocks of code, Ying Bai utilizes both Design Tools and Wizards provided by Visual Studio.NET and real-time object methods to incorporate over sixty real sample database programming projects along with detailed illustrations and explanations to help readers understand the key techniques and programming technologies in database programming. This invaluable resource features: Fundamental and advanced database programming techniques for beginning and experienced students as well as programmers A real completed sample database CSE_DEPT with three versions (Microsoft Access 2007, SQL Server 2005 SP2, and Oracle Database 10g XE Release 2) used throughout the entire book Step-by-step details on designing and building a practical relational database Discussion and analysis of the new database query technique, LINQ API—which includes LINQ to Objects, LINQ to DataSet, LINQ to SQL, LINQ to Entities, and LINQ to XML—and implementation in actual projects with line-by-line explanation Homework and selected solutions for each chapter to strengthen and improve learning and understanding An Instructor's Manual (MS PPT), example codes and exercise questions, homework/exercise solutions, and database projects available for free download E-mail assistance from the author Readers who will benefit highly from this reference are undergraduate or graduate students majoring in computer science and engineering, graduate students in all engineering departments, and software engineers and researchers in academic and industrial fields. To obtain instructor materials please send an email to pressbooks@ieee.org Note: CD-ROM/DVD and other supplementary materials are not

