
Mysql 8 0 And Postgresql 11 0 With Live Projects

Web Information Systems Engineering - WISE 2022

The Ultimate Guide to Professional Database Programming with Python and PostgreSQL

POSTGRESQL FOR JAVA GUI: Database and Image Processing

MySQL 8 Query Performance Tuning

MySQL Programming

jOOQ Masterclass

Smart Agents for the Industry 4.0

IBM Cloud Manager with OpenStack on z Systems V4.2

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MySQL Reference Manual

C++ Primer Plus

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MySQL 8 for Big Data

Software Design and Development: Concepts, Methodologies, Tools, and Applications

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MYSQL FOR JAVA GUI: Database, Cryptography, and Image Processing

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SQL in a Nutshell

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PostgreSQL 13 Cookbook

Intelligent Information Processing and Web Mining

Redmine Cookbook

Building Three Java GUI Applications Using MySQL, MariaDB, and PostgreSQL

Learning SQL on PostgreSQL

SQL Programming

The Best Way to Learn Java GUI with MySQL, MariaDB, and PostgreSQL

Database and Expert Systems Applications

RORY DOMINIK

Web Information Systems Engineering - WISE 2022 SPARTA PUBLISHING

In this book, you will create three Java GUI applications using MySQL, MariaDB, and PostgreSQL. In this book, you will learn how to build from scratch a database management system using Java. In designing a GUI and as an IDE, you will make use of the NetBeans tool. Gradually and step by step, you will be taught how to utilize three different databases in Java. In chapter one, you will create School database and its six tables. In chapter two, you will study: Creating the initial three table projects in the school database: Teacher table, TClass table, and Subject table; Creating database configuration files; Creating a Java GUI for viewing and navigating the contents of each table; Creating a Java GUI for inserting and editing tables; and Creating a Java GUI to join and query the three tables. In chapter three, you will learn: Creating the main form to connect all forms; Creating a project will add three more tables to the school database: the Student table, the Parent table, and Tuition table; Creating a Java GUI to view and navigate the contents of each table; Creating a Java GUI for editing, inserting, and deleting records in each table; Creating a Java GUI to join and query the three tables and all six. In chapter four, you will study how to query the six tables. In chapter five, you will learn the basics of cryptography using Java. Here, you will learn how to write a Java program to count Hash, MAC

(Message Authentication Code), store keys in a KeyStore, generate PrivateKey and PublicKey, encrypt / decrypt data, and generate and verify digital prints. In chapter six, you will create Bank database and its tables. In chapter seven, you will learn how to create and store salt passwords and verify them. You will create a Login table. In this case, you will see how to create a Java GUI using NetBeans to implement it. In addition to the Login table, in this chapter you will also create a Client table. In the case of the Client table, you will learn how to generate and save public and private keys into a database. You will also learn how to encrypt / decrypt data and save the results into a database. In chapter eight, you will create an Account table. This account table has the following ten fields: account_id (primary key), client_id (primarykey), account_number, account_date, account_type, plain_balance, cipher_balance, decipher_balance, digital_signature, and signature_verification. In this case, you will learn how to implement generating and verifying digital prints and storing the results into a database. In chapter nine, you will create a Client_Data table, which has the following seven fields: client_data_id (primary key), account_id (primary_key), birth_date, address, mother_name, telephone, and photo_path. In chapter ten, you will be taught how to create Crime database and its tables. In chapter eleven, you will be taught how to extract image features, utilizing BufferedImage class, in Java GUI. In chapter twelve, you will be taught to create Java GUI to view, edit, insert, and delete Suspect table data. This table has eleven columns:

suspect_id (primary key), suspect_name, birth_date, case_date, report_date, suspect_status, arrest_date, mother_name, address, telephone, and photo. In chapter thirteen, you will be taught to create Java GUI to view, edit, insert, and delete Feature_Extraction table data. This table has eight columns: feature_id (primary key), suspect_id (foreign key), feature1, feature2, feature3, feature4, feature5, and feature6. In chapter fourteen, you will add two tables: Police_Station and Investigator. These two tables will later be joined to Suspect table through another table, File_Case. The Police_Station has six columns: police_station_id (primary key), location, city, province, telephone, and photo. The Investigator has eight columns: investigator_id (primary key), investigator_name, rank, birth_date, gender, address, telephone, and photo. Here, you will design a Java GUI to display, edit, fill, and delete data in both tables. In chapter fifteen, you will add two tables: Victim and File_Case. The File_Case table will connect four other tables: Suspect, Police_Station, Investigator and Victim. The Victim table has nine columns: victim_id (primary key), victim_name, crime_type, birth_date, crime_date, gender, address, telephone, and photo. The File_Case has seven columns: file_case_id (primary key), suspect_id (foreign key), police_station_id (foreign key), investigator_id (foreign key), victim_id (foreign key), status, and description. Here, you will also design a Java GUI to display, edit, fill, and delete data in both tables.

The Ultimate Guide to Professional Database Programming with Python and PostgreSQL IBM Redbooks

This two volume set LNCS 9261 and

LNCS 9262 constitutes the refereed proceedings of the 26th International Conference on Database and Expert Systems Applications, DEXA 2015, held in Valencia, Spain, September 1-4, 2015. The 40 revised full papers presented together with 32 short papers, and 2 keynote talks, were carefully reviewed and selected from 125 submissions. The papers discuss a range of topics including: temporal, spatial and high dimensional databases; semantic Web and ontologies; modeling, linked open data; NoSQLm NewSQL, data integration; uncertain data and inconsistency tolerance; database system architecture; data mining, query processing and optimization; indexing and decision support systems; modeling, extraction, social networks; knowledge management and consistency; mobility, privacy and security; data streams, Web services; distributed, parallel and cloud databases; information retrieval; XML and semi-structured data; data partitioning, indexing; data mining, applications; WWW and databases; data management algorithms. These volumes also include accepted papers of the 8th International Conference on Data Management in Cloud, Grid and P2P Systems, Globe 2015, held in Valencia, Spain, September 2, 2015. The 8 full papers presented were carefully reviewed and selected from 13 submissions. The papers discuss a range of topics including: MapReduce framework: load balancing, optimization and classification; security, data privacy and consistency; query rewriting and streaming.

POSTGRESQL FOR JAVA GUI: Database and Image Processing Springer

IBM® Cloud Manager with OpenStack for z Systems™, V4.2 is an easy-to-use cloud management solution that serves

as a control point for cloud managed resources based on the OpenStack Juno distribution. IBM Cloud Manager with OpenStack for z Systems, V4.2 can operate as a cloud management hub that can manage IBM z Systems™, IBM Power Systems™, and x86 resources from a central point of control. This IBM Redbooks® publication gives a broad understanding of the architecture for IBM Cloud Manager with OpenStack for z Systems, V4.2, and how it can be implemented and deployed to support cloud services on the z Systems platform. This publication also helps you plan, install, configure, and use IBM Cloud Manager with OpenStack for z Systems, V4.2. It focuses on planning and design of your cloud environment on z Systems, as well as the installation and configuration definitions that are necessary to build and manage cloud resources under IBM z/VM®. This information is useful to IT architects and system administrators who plan for and install IBM Cloud Manager with OpenStack for z Systems. The reader is expected to have a good understanding of IBM z Systems™ hardware, IBM z/VM, Linux on z Systems, and cloud concepts.

MySQL 8 Query Performance Tuning
Packt Publishing Ltd

Uncover the power of MySQL 8 for Big Data

About This Book* Combine the powers of MySQL and Hadoop to build a solid Big Data solution for your organization* Integrate MySQL with different NoSQL APIs and Big Data tools such as Apache Sqoop* A comprehensive guide with practical examples on building a high performance Big Data pipeline with MySQL

Who This Book Is For This book is intended for MySQL database administrators and Big Data professionals looking to integrate MySQL

8 and Hadoop to implement a high performance Big Data solution. Some previous experience with MySQL will be helpful, although the book will highlight the newer features introduced in MySQL 8.

What You Will Learn* Explore the features of MySQL 8 and how they can be leveraged to handle Big Data* Unlock the new features of MySQL 8 for managing structured and unstructured Big Data* Integrate MySQL 8 and Hadoop for efficient data processing* Perform aggregation using MySQL 8 for optimum data utilization* Explore different kinds of join and union in MySQL 8 to process Big Data efficiently* Accelerate Big Data processing with Memcached* Integrate MySQL with the NoSQL API* Implement replication to build highly available solutions for Big Data

In Detail With organizations handling large amounts of data on a regular basis, MySQL has become a popular solution to handle this structured Big Data. In this book, you will see how DBAs can use MySQL 8 to handle billions of records, and load and retrieve data with performance comparable or superior to commercial DB solutions with higher costs. Many organizations today depend on MySQL for their websites and a Big Data solution for their data archiving, storage, and analysis needs. However, integrating them can be challenging. This book will show you how to implement a successful Big Data strategy with Apache Hadoop and MySQL 8. It will cover real-time use case scenario to explain integration and achieve Big Data solutions using technologies such as Apache Hadoop, Apache Sqoop, and MySQL Applier. Also, the book includes case studies on Apache Sqoop and real-time event processing. By the end of this book, you will know how to efficiently use MySQL 8

to manage data for your Big Data applications. Style and approach Step by Step guide filled with real-world practical examples.

MySQL Programming Elsevier

If you have a question about SQL Programming this is the book with the answers. SQL Programming: Questions and Answers takes some of the best questions and answers asked on the stackoverflow.com website. You can use this book to look up commonly asked questions, browse questions on a particular topic, compare answers to common topics, check out the original source and much more. This book has been designed to be very easy to use, with many internal references set up that makes browsing in many different ways possible. Topics covered include: SQL Server, MySQL, T SQL, Database, SQL Server 2005, SQL Server 2008, Oracle, PostgreSQL, Performance, JOIN, Database Design, DateTime, PHP, C#, Java and many more."

jOOQ Masterclass Franklin Beedle & Associates

Get to grips with building reliable, scalable, and maintainable database solutions for enterprises and production databases Key Features Implement PostgreSQL 13 features to perform end-to-end modern database management Design, manage, and build enterprise database solutions using a unique recipe-based approach Solve common and not-so-common challenges faced while working to achieve optimal database performance Book Description PostgreSQL has become the most advanced open source database on the market. This book follows a step-by-step approach, guiding you effectively in deploying PostgreSQL in production environments. The book starts with an introduction to PostgreSQL and its

architecture. You'll cover common and not-so-common challenges faced while designing and managing the database. Next, the book focuses on backup and recovery strategies to ensure your database is steady and achieves optimal performance. Throughout the book, you'll address key challenges such as maintaining reliability, data integrity, a fault-tolerant environment, a robust feature set, extensibility, consistency, and authentication. Moving ahead, you'll learn how to manage a PostgreSQL cluster and explore replication features for high availability. Later chapters will assist you in building a secure PostgreSQL server, along with covering recipes for encrypting data in motion and data at rest. Finally, you'll not only discover how to tune your database for optimal performance but also understand ways to monitor and manage maintenance activities, before learning how to perform PostgreSQL upgrades during downtime. By the end of this book, you'll be well-versed with the essential PostgreSQL 13 features to build enterprise relational databases. What you will learn Understand logical and physical backups in PostgreSQL Demonstrate the different types of replication methods possible with PostgreSQL today Set up a high availability cluster that provides seamless automatic failover for applications Secure a PostgreSQL encryption through authentication, authorization, and auditing Analyze the live and historic activity of a PostgreSQL server Understand how to monitor critical services in Postgres 13 Manage maintenance activities and performance tuning of a PostgreSQL cluster Who this book is for This PostgreSQL book is for database architects, database developers and administrators, or

anyone who wants to become well-versed with PostgreSQL 13 features to plan, manage, and design efficient database solutions. Prior experience with the PostgreSQL database and SQL language is expected.

Smart Agents for the Industry 4.0 John Wiley & Sons

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 to the language. While it's a standardized language, actual implementations of SQL are anything but standard. Vendor variation abounds, and that's where this book comes into play. *SQL in a Nutshell, Second Edition*, is a practical and useful command reference for SQL2003, the latest release of the SQL language. The book presents each of the SQL2003 statements and describes their usage and syntax, not only from the point of view of the standard itself, but also as implemented by each of the five major database platforms : DB2, Oracle, MySQL, PostgreSQL, and SQL Server. Each statement reference includes the command syntax by vendor, a description, and informative examples that illustrate important concepts and uses. And SQL is not just about statements. Also important are datatypes and the vast library of built-in SQL functions that is so necessary in getting real work done. This book documents those datatypes and functions, both as described in the

standard and as implemented by the various vendors. This edition also includes detailed information about the newer window function syntax that is supported in DB2 and Oracle. *SQL in a Nutshell, Second Edition*, is not only a convenient reference guide for experienced SQL programmers, analysts, and database administrators. It's also a great resource for consultants and others who need to be familiar with the various SQL dialects across many platforms.

IBM Cloud Manager with OpenStack on z Systems V4.2 SPARTA PUBLISHING

The six-volume set LNCS 10404-10409 constitutes the refereed proceedings of the 17th International Conference on Computational Science and Its Applications, ICCSA 2017, held in Trieste, Italy, in July 2017. The 313 full papers and 12 short papers included in the 6-volume proceedings set were carefully reviewed and selected from 1052 submissions. Apart from the general tracks, ICCSA 2017 included 43 international workshops in various areas of computational sciences, ranging from computational science technologies to specific areas of computational sciences, such as computer graphics and virtual reality. Furthermore, this year ICCSA 2017 hosted the XIV International Workshop On Quantum Reactive Scattering. The program also featured 3 keynote speeches and 4 tutorials.

NTT Technical Review Createspace Independent Publishing Platform

This comprehensive tutorial and reference covers all the basics of PHP 5, a popular open source Web scripting language, and MySQL 4.012, the most popular open source database engine. Explores why users need PHP and MySQL, how to get started, how to add

PHP to HTML, and how to connect HTML Web pages to MySQL Offers an extensive tutorial for developing applications with PHP and MySQL Includes coverage of how to install, administer, and design MySQL databases independently of PHP; exception and error handling; debugging techniques; PostgreSQL database system; and PEAR database functions The authors provide unique case studies of how and where to use PHP drawn from their own extensive Web experience MySQL Reference Manual Nicolae Sfetcu Max Hoffmann describes the realization of a framework that enables autonomous decision-making in industrial manufacturing processes by means of multi-agent systems and the OPC UA meta-modeling standard. The integration of communication patterns and SOA with grown manufacturing systems enables an upgrade of legacy environments in terms of Industry 4.0 related technologies. The added value of the derived solutions are validated through an industrial use case and verified by the development of a demonstrator that includes elements of self-optimization through Machine Learning and communication with high-level planning systems such as ERP. About the Author: Dr.-Ing. Max Hoffmann is a scientific researcher at the Institute of Information Management in Mechanical Engineering, RWTH Aachen University, Germany, and leads the group "Industrial Big Data". His research emphasizes on production optimization by means of data integration through interoperability and communication standards for industrial manufacturing and integrated analysis by using Machine Learning and stream-based information processing.

C++ Primer Plus Springer
Over 80 hands-on recipes to improve your skills in project management, team

management, process improvement, and Redmine administration About This Book Efficiently install and customize Redmine for your own infrastructure, whether that be Microsoft or open source Manage multiple projects with multiple teams across the globe in a standardized and effective way Customize Redmine to fit your organisation's specific and unique needs Who This Book Is For This book is for those who working in management or administrator positions who are already using Redmine or are willing to start using it for project management, tracking, collaboration, or process management. Additionally, individual developers or teams can benefit from recipes related to code repositories, bug tracking, and software project management. What You Will Learn Make Redmine run on Microsoft SQL Server with IIS Enjoy the benefits of updating the code on a real-time basis and maintaining consistency Manage multiple projects and teams simultaneously Leverage Redmine features to enhance team's performance Use Redmine for SCRUM and Agile methodologies Deploy Redmine for Service Desk Customize the user experience by manually tracking the ongoing projects Extend Redmine through various plugins In Detail In a variety of online project management tools, Redmine markets itself as offering flexibility. Choosing the right management tool can mean the difference between the success and failure of a project. Flexible project management tools bend themselves to fit your needs, whether that's communication regarding a simple project, or collaboration, or more complex project methodology such as SCRUM, or an issue-code relationship, or the need of different methodology for

your project. Whether you are project manager or system administrator, this book provides valuable recipes to get the best possible performance out of your team, organization, infrastructure, and Redmine itself. Through a series of carefully crafted recipes covering the nitty-gritty of Redmine, you'll be guided through the installation of Redmine, as well as how to fine-tune and customize your Redmine installation. Finally, we walk you through integrating Redmine with other softwares and databases like Tortoise SVN and Visual Studio and troubleshooting Redmine. Style and approach This book follows a step-by-step recipe-based approach. Detailed prerequisites make each recipe easy to follow and apply in practice in any kind of live environment.

MySQL 8 Administrator's Guide Springer Nature

Identify, analyze, and improve poorly performing queries that damage user experience and lead to lost revenue for your business. This book will help you make query tuning an integral part of your daily routine through a multi-step process that includes monitoring of execution times, identifying candidate queries for optimization, analyzing their current performance, and improving them to deliver results faster and with less overhead. Author Jesper Krogh systematically discusses each of these steps along with the data sources and the tools used to perform them. *MySQL 8 Query Performance Tuning* aims to help you improve query performance using a wide range of strategies. You will know how to analyze queries using both the traditional EXPLAIN command as well as the new EXPLAIN ANALYZE tool. You also will see how to use the Visual Explain feature to provide a visually-oriented view of an execution plan. Coverage of

indexes includes indexing strategies and index statistics, and you will learn how histograms can be used to provide input on skewed data distributions that the optimizer can use to improve query performance. You will learn about locks, and how to investigate locking issues. And you will come away with an understanding of how the MySQL optimizer works, including the new hash join algorithm, and how to change the optimizer's behavior when needed to deliver faster execution times. You will gain the tools and skills needed to delight application users and to squeeze the most value from corporate computing resources. *What You Will Learn* Monitor query performance to identify poor performers Choose queries to optimize that will provide the greatest gain Analyze queries using tools such as EXPLAIN ANALYZE and Visual Explain Improve slow queries through a wide range of strategies Properly deploy indexes and histograms to aid in creating fast execution plans Understand and analyze locks to resolve contention and increase throughput Who This Book Is For Database administrators and SQL developers who are familiar with MySQL and need to participate in query tuning. While some experience with MySQL is required, no prior knowledge of query performance tuning is needed.

Professional Heroku Programming
SPARTA PUBLISHING

In this book, you will learn how to build from scratch a criminal records management database system using Java/PostgreSQL. All Java code for digital image processing in this book is Native Java. Intentionally not to rely on external libraries, so that readers know in detail the process of extracting digital images from scratch in Java. There are only three external libraries used in this book:

Connector / J to facilitate Java to MySQL connections, JCalendar to display calendar controls, and JFreeChart to display graphics. Digital image techniques to extract image features used in this book are grascaling, sharpening, invertering, blurring, dilation, erosion, closing, opening, vertical prewitt, horizontal prewitt, Laplacian, horizontal sobel, and vertical sobel. For readers, you can develop it to store other advanced image features based on descriptors such as SIFT and others for developing descriptor based matching. In the first chapter, you will learn: How to install NetBeans, JDK 11, and the PostgreSQL connector; How to integrate external libraries into projects; How the basic PostgreSQL commands are used; How to query statements to create databases, create tables, fill tables, and manipulate table contents is done. In the first chapter, you will learn: How to install NetBeans, JDK 11, and the PostgreSQL connector; How to integrate external libraries into projects; How the basic PostgreSQL commands are used; How to query statements to create databases, create tables, fill tables, and manipulate table contents is done. In the second chapter, you will learn querying data from the postgresql using jdbc including establishing a database connection, creating a statement object, executing the query, processing the resultset object, querying data using a statement that returns multiple rows, querying data using a statement that has parameters, inserting data into a table using jdbc, updating data in postgresql database using jdbc, calling postgresql stored function using jdbc, deleting data from a postgresql table using jdbc, and postgresql jdbc transaction. In third chapter, you will be taught how to extract image features,

utilizing BufferedImage class, in Java GUI. In the fourth chapter, you will be taught how to create Crime database and its tables. In the fifth chapter, you will be taught to create Java GUI to view, edit, insert, and delete Suspect table data. This table has eleven columns: suspect_id (primary key), suspect_name, birth_date, case_date, report_date, suspect_status, arrest_date, mother_name, address, telephone, and photo. In the sixth chapter, you will be taught to create Java GUI to view, edit, insert, and delete Feature_Extraction table data. This table has eight columns: feature_id (primary key), suspect_id (foreign key), feature1, feature2, feature3, feature4, feature5, and feature6. All six fields (except keys) will have a BLOB data type, so that the image of the feature will be directly saved into this table. In the seventh chapter, you will add two tables: Police_Station and Investigator. These two tables will later be joined to Suspect table through another table, File_Case, which will be built in the seventh chapter. The Police_Station has six columns: police_station_id (primary key), location, city, province, telephone, and photo. The Investigator has eight columns: investigator_id (primary key), investigator_name, rank, birth_date, gender, address, telephone, and photo. Here, you will design a Java GUI to display, edit, fill, and delete data in both tables. In the eighth chapter, you will add two tables: Victim and File_Case. The File_Case table will connect four other tables: Suspect, Police_Station, Investigator and Victim. The Victim table has nine columns: victim_id (primary key), victim_name, crime_type, birth_date, crime_date, gender, address, telephone, and photo. The File_Case has seven columns: file_case_id (primary

key), suspect_id (foreign key), police_station_id (foreign key), investigator_id (foreign key), victim_id (foreign key), status, and description. Here, you will also design a Java GUI to display, edit, fill, and delete data in both tables. Finally, this book is hopefully useful for you.

Beginning Databases With Mysql

Createspace Independent Publishing Platform

"This book is an introduction to using SQL to query databases in a PostgreSQL environment"--

MySQL 8 for Big Data Apress

A guide for developing web sites by means of conceptualization, planning, modeling, and execution of electronic media delivery via Internet. Web development is a broad term for any activities related to developing a web site for the World Wide Web or an intranet. This can include e-commerce business development, web design, web content development, client-side/server-side coding, and web server configuration. However, among web professionals, "web development" usually refers only to the non-design aspects of building web sites, e.g. writing markup and coding. Web development can range from developing the simplest static single page of plain text to the most complex web-based internet applications, electronic businesses, or social network services. Web design is a process of conceptualization, planning, modeling, and execution of electronic media delivery via Internet in the form of Markup language suitable for interpretation by Web browser and display as Graphical user interface (GUI).

MySQL 8 for Big Data SPARTA

Publishing

C++ Primer Plus, Sixth Edition New

C++11 Coverage C++ Primer Plus is a carefully crafted, complete tutorial on one of the most significant and widely used programming languages today. An accessible and easy-to-use self-study guide, this book is appropriate for both serious students of programming as well as developers already proficient in other languages. The sixth edition of C++ Primer Plus has been updated and expanded to cover the latest developments in C++, including a detailed look at the new C++11 standard. Author and educator Stephen Prata has created an introduction to C++ that is instructive, clear, and insightful. Fundamental programming concepts are explained along with details of the C++ language. Many short, practical examples illustrate just one or two concepts at a time, encouraging readers to master new topics by immediately putting them to use. Review questions and programming exercises at the end of each chapter help readers zero in on the most critical information and digest the most difficult concepts. In C++ Primer Plus, you'll find depth, breadth, and a variety of teaching techniques and tools to enhance your learning: A new detailed chapter on the changes and additional capabilities introduced in the C++11 standard Complete, integrated discussion of both basic C language and additional C++ features Clear guidance about when and why to use a feature Hands-on learning with concise and simple examples that develop your understanding a concept or two at a time Hundreds of practical sample programs Review questions and programming exercises at the end of each chapter to test your understanding Coverage of generic C++ gives you the greatest possible flexibility Teaches the ISO standard, including discussions of

templates, the Standard Template Library, the string class, exceptions, RTTI, and namespaces Table of Contents
 1: Getting Started with C++ 2: Setting Out to C++ 3: Dealing with Data 4: Compound Types 5: Loops and Relational Expressions 6: Branching Statements and Logical Operators 7: Functions: C++'s Programming Modules 8: Adventures in Functions 9: Memory Models and Namespaces 10: Objects and Classes 11: Working with Classes 12: Classes and Dynamic Memory Allocation 13: Class Inheritance 14: Reusing Code in C++ 15: Friends, Exceptions, and More 16: The string Class and the Standard Template Library 17: Input, Output, and Files 18: The New C++11 Standard A Number Bases B C++ Reserved Words C The ASCII Character Set D Operator Precedence E Other Operators F The stringTemplate Class G The Standard Template Library Methods and Functions H Selected Readings and Internet Resources I Converting to ISO Standard C++ J Answers to Chapter Reviews

Software Design and Development: Concepts, Methodologies, Tools, and Applications Apress

Beginning PHP and PostgreSQL 8 delves into some of the most popular open-source web development technologies, the PostgreSQL 8 database server and PHP 5 scripting language. You'll learn to reap the benefits of these core technologies by using them in unison to create dynamic, data-driven web applications. This is an ideal read if you are a web designer, programmer, hobbyist, or novice who wants to create applications with PHP 5 and PostgreSQL 8.

Grid Computing "O'Reilly Media, Inc." This edited book contains articles accepted for presentation during The

Intelligent Information Processing and Web Mining Conference IIS:IIP WM₂04 held in Zakopane, Poland, on May 17-20, 2004. Considerable attention is devoted to the newest developments in the area of Artificial Intelligence with special calls for contributions on Web mining. This book will be a valuable source for further research in the fields of data mining, intelligent information processing, machine learning, computational linguistics, or natural language processing for search engines.

Web Design & Development Springer
 Python has various database drivers for PostgreSQL. Currently, the psycopg is the most popular PostgreSQL database adapter for the Python language. The psycopg fully implements the Python DB-API 2.0 specification. The current version of the psycopg is 2 or psycopg2. The psycopg2 database adapter implemented in C as a libpq wrapper resulting in both fast and secure. The psycopg2 provides many useful features such as client-side and server-side cursors, asynchronous notification and communication, COPY command support, etc. PostgreSQL was designed to run on UNIX-like platforms. However, PostgreSQL was then also designed to be portable so that it could run on various platforms such as Mac OS X, Solaris, and Windows. PostgreSQL is free and open source software. Its source code is available under PostgreSQL license, a liberal open source license. You are free to use, modify and distribute PostgreSQL in any form. PostgreSQL requires very minimum maintained efforts because of its stability. Therefore, if you develop applications based on PostgreSQL, the total cost of ownership is low in comparison with other database management systems. In Chapter 2, you will learn querying data from the

postgresql using Python including establishing a database connection, creating a statement object, executing the query, processing the resultset object, querying data using a statement that returns multiple rows, querying data using a statement that has parameters, inserting data into a table using Python, updating data in postgresql database using Python, calling postgresql stored function using Python, deleting data from a postgresql table using Python, and postgresql Python transaction. In Chapter 3, you will learn managing table structure and views including postgresql data types, postgresql create table, postgresql select into statement, postgresql create table as, using postgresql serial to create auto-increment column, identity column, alter table, drop table, truncate table, check constraint, not-null constraint, foreign key, primary key, unique constraint, managing postgresql views, creating updatable views, materialized views, creating updatable views using the with check option clause, and recursive view.

In Chapter 4, you will learn statements, operators, and clauses including select, order by, select distinct, limit, fetch, in, between, postgresql like, is null, alias, joins, inner join, postgresql left join, self-join, full outer join, cross join, natural join, group by, having, intersect operator, except operator, grouping sets, cube, and rollup. In Chapter 5, you will learn postgresql trigger, aggregate, and string functions including creating the first trigger in postgresql, managing postgresql trigger, aggregate functions, avg function, max function, min function, sum function, postgresql concat function, ascii function, trim function, length function, substring function, regexp_matches function, regexp_replace function, replace function, to_number function, and to_char function.

SQL Cookbook Morgan & Claypool
This comprehensive reference guide offers useful pointers for advanced use of SQL and describes the bugs and workarounds involved in compiling MySQL for every system.

Best Sellers - Books :

- [The Light We Carry: Overcoming In Uncertain Times](#)
- [Feel-good Productivity: How To Do More Of What Matters To You](#)
- [The Going To Bed Book By Sandra Boynton](#)
- [The Nightingale: A Novel](#)
- [Think And Grow Rich: The Landmark Bestseller Now Revised And Updated For The 21st Century \(think And Grow Rich Series\)](#)
- [If Animals Kissed Good Night By Ann Whitford Paul](#)
- [The Summer I Turned Pretty \(summer I Turned Pretty, The\) By Jenny Han](#)
- [Spare By Prince Harry The Duke Of Sussex](#)
- [Killers Of The Flower Moon: The Osage Murders And The Birth Of The Fbi](#)
- [It Ends With Us: A Novel \(1\) By Colleen Hoover](#)