

Unlocking the Power of PostgreSQL - PostgreSQL Administration Cookbook Second Edition

Are you ready to take your PostgreSQL administration skills to the next level?

Say hello to the second edition of the PostgreSQL Administration Cookbook! This comprehensive guide will equip you with the knowledge and techniques needed to unleash the full potential of PostgreSQL, one of the most advanced and powerful open-source databases on the planet.

Why PostgreSQL?

PostgreSQL has gained popularity among developers and administrators due to its reliability, scalability, and feature-richness. It offers a wide range of advanced functionalities, including support for ACID transactions, full-text search capabilities, data partitioning, and much more. It is also known for its extensibility, allowing users to create custom data types, operators, and functions to suit their specific needs. These qualities make PostgreSQL a go-to choice for both small startups and large enterprise applications.

However, mastering PostgreSQL administration can be a challenging task. This is where the PostgreSQL Administration Cookbook Second Edition comes to your rescue.

PostgreSQL 9 Administration Cookbook - Second Edition

by Simon Riggs(2nd Revised edition, Kindle Edition)

★★★★☆ 4.6 out of 5

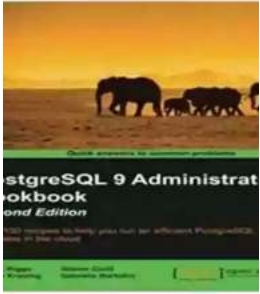
Language : English

File size : 3672 KB

Text-to-Speech : Enabled

Screen Reader : Supported

Enhanced typesetting : Enabled
Print length : 506 pages



What's New in the Second Edition?

The second edition of the PostgreSQL Administration Cookbook dives deep into the latest features and enhancements introduced in PostgreSQL 13. This version includes new chapters covering topics like logical replication, using `pg_stat_statements` for query tuning, managing a highly available PostgreSQL setup, and much more. Whether you are a beginner looking to get started with PostgreSQL administration or an experienced user wanting to sharpen your skills, this book has something for everyone.

Unlock the Power of PostgreSQL Administration

This cookbook follows a practical, recipe-based approach, providing step-by-step instructions and real-world examples to help you overcome common PostgreSQL administration challenges. Here's a glimpse of what you can expect to find inside:

- Creating and managing databases, tablespaces, and schemas.
- Optimizing queries using various techniques like indexing, query rewriting, and performance tuning.

- Implementing backup and recovery strategies to ensure data protection and disaster recovery.
- Using replication techniques for achieving high availability and scalability.
- Securing your PostgreSQL installation to protect against unauthorized access and data breaches.
- Monitoring and troubleshooting your PostgreSQL instances for optimal performance.

The book also covers advanced topics like the integration of PostgreSQL with other tools and technologies, such as using PostgreSQL with Python, connecting to PostgreSQL from a Java application, and more. With its comprehensive coverage and easy-to-understand language, this book is suitable for both beginners and experienced administrators looking to enhance their PostgreSQL expertise.

Unlock the Full Potential of PostgreSQL

It's time to unlock the full potential of PostgreSQL. Whether you are a developer, database administrator, or a technology enthusiast, the PostgreSQL Administration Cookbook Second Edition is your ticket to becoming a PostgreSQL expert. So why wait? Get your hands on this book and start harnessing the power of PostgreSQL today!

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Over 150 recipes to help you run an efficient PostgreSQL database in the cloud

About This Book

- Administer and maintain a healthy database
- Monitor your database to ensure maximum efficiency
- Tips and tricks for speedy backup and recovery

Who This Book Is For

Through example-driven recipes, with plenty of code, focused on the most vital features of the latest PostgreSQL version (9.4), both administrators and developers will follow short, specific guides to understand and leverage useful Postgre functionalities to create better and more efficient databases.

What You Will Learn

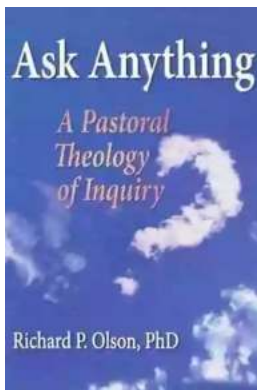
- Implement PostgreSQL features for reliability and performance
- Harness the power of the latest PostgreSQL 9.4 features
- Manage PostgreSQL versions 9.0, 9.1, 9.2, 9.3, and 9.4
- Advanced technical tips for experienced users
- Explore best practices for planning and designing live databases
- Select and implement robust backup and recovery techniques
- Concise and clear guidance on replication and high availability

- Latest details on Logical Replication and Bi-Directional Replication

In Detail

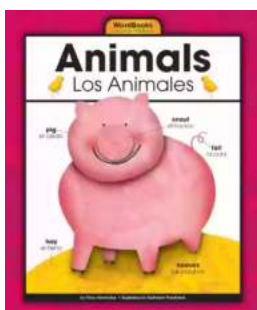
PostgreSQL is a powerful, open source, object-relational database system, fast becoming one of the world's most popular server databases with an enviable reputation for performance and stability and an enormous range of advanced features.

Starting with short and simple recipes to get you back up and running with an exploration of the ins and outs of your database, you will soon dive into core features such as configuration, server control, tables, and data. This is a practical guide aimed at giving sysadmins and database administrators the necessary toolkit to be able to set up, run, and extend powerful databases with PostgreSQL.



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