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Postgres Weekly

Issue 227 — October 4, 2017

A Deep Dive into Postgres Concurrency

An easy to follow 50 minute talk from PostgresOpen Silicon Valley 2017 on different forms of concurrency and how Postgres works with them.

TEJAS MANOHAR [#VIDEO](#)

Fermi Estimates on Postgres Performance

A simplified guide for what you should expect in terms of the read performance and ingest performance for queries in Postgres.

SAMAY SHARMA

2ndQuadrant PostgreSQL Conference - Schedule Out Now

2Q PGConf is dedicated to exchanging & increasing knowledge about PostgreSQL. Join us for this unique opportunity taking place in NYC & Chicago to learn more about recent achievements and exciting future developments in PostgreSQL from world-class experts.

2NDQUADRANT POSTGRES SQL EVENTS [#SPONSORED](#)



Locking Down Permissions in Postgres and on Redshift

Users are automatically granted permissions due to their membership in a built-in role called `PUBLIC`.

BUCK RYAN

Swap Two Column Values in SQL

Want to swap the order of a few columns without having to drop/remove or re-write the whole table? [Part 2 here.](#)

JOSH BRANCHAUD

Getting Started with pgRouting to Create Location Paths

pgRouting is useful if you're already using PostGIS. It can be handy for helping find various paths and routes between locations, here's a primer on getting started with it.

COMPOSE

A Look at PERCENT_RANK vs CUME_DIST

`cume_dist` computes the %age of rows that are 'less than or equal,' while `percent_rank` computes those that are 'less than' the current row, except it also assumes the current row isn't in the partition.

BRUCE MOMJIAN

Understanding Caching in Postgres - An In-Depth Guide

A golden oldie from last year that might be worth revisiting.

MADUSUDANAN B N

pglogical and Postgres 10 Partitions

A look at Postgres 10's logical replication and partitioning support, how it plays with pglogical, and how it's still evolving.

2NDQUADRANT

Using the Invisible 'xmin' Column in Queries

Select for update is usually what you want when grabbing a value that you're going to update right after, but here we see where using `xmin` could be a valid approach.

MOMJIAN.US

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PGAudit: An Auditing Extension for Postgres

Provides the tools needed to produce audit logs required to pass government, financial, or ISO certification audits.

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