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#262 — JUNE 27, 2018

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Postgres Weekly

Architecture and Tuning of Memory in Postgres Databases — An overview of Postgres memory management, the configuration parameters available, and tips on how to optimize them.

SEVERALNINES

Why is Postgres Running Slow? Tips and Tricks to Get to the Source — Tips and tricks for identifying issues in your PostgreSQL setup and how to tune it to drive performance.

BRIAN FEHRLE

Tuning PostgreSQL for sysbench-tpcc — Did you know sysbench-tpcc also works with PostgreSQL? This post evaluates sysbench-tpcc in PostgreSQL. Read to find out if performance was increased.

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Static and Dynamic Pivots — Postgres's SQL dialect doesn't have a `PIVOT` feature like Oracle or SQL Server but it's still possible to pivot data.

DANIEL VÉRITÉ

Parallel Index Scans in Postgres — Parallelism started landing in Postgres 2 releases ago, and in the forthcoming Postgres 11 there's additional support for parallelism with index scans.

AMIT KAPILA

Fun with SQL: Functions in Postgres — A look at a few handy functions available in Postgres including `array_agg`, `array_to_string`, `date_trunc` and some JSON operators.

CRAIG KERSTIENS

Using pg_dump and pg_dumpall to Backup PostgreSQL — `pg_dump` and `pg_dumpall` are popular tools used to backup PostgreSQL. Here's how to use them, with some tips for ensuring you have a proper backup strategy.

JOSHUA OTWELL

Upgrade Your Partitioning From Inheritance to Declarative — Moving from the pre-Postgres 10 way of thinking to the more modern, lower maintenance approach.

ASHUTOSH BAPAT

How Postgres Plans Queries Involving Foreign Tables

ASHUTOSH BAPAT

A Pentester's Basic Guide to PostgreSQL Hacking — If you need to secure a Postgres install, it's handy to see what the basic approaches being used by the hackers are.

NETSCYLLAC YBER SECURITY

Learn How to Manage and Automate PostgreSQL

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Better Date Manipulation in Postgres Queries

DERRICK CARR

EVENTS

PGConf UK 2018 — **July 2 - 3 (London, UK)** Will be held on July 3, with an optional training day on July 2, and will be hosted at 30 Euston Square.

PGDay.Amsterdam — **July 12 (Amsterdam, Netherlands)** Meet & learn from other PostgreSQL users, developers and anyone who's interested in the most advanced open source database.

PGConf Brazil 2018 — **August 3 - 4 (São Paulo, SP, Brazil)** Two day conference with talks, tutorials, Couch Clinic, FishBowl and Lightning Talks.

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