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Postgres Weekly

Issue 188 — January 4, 2017

We hope you had a good time over the holidays and we look forward to an exciting year for Postgres in 2017. We're looking at updating the design and approach of the newsletter a little soon, so if you have any suggestions or feedback, just hit reply and we'll take it all into account :-)

Controlling Autovacuum

Autovacuum performs recycling of old rows and updates optimizer statistics but can slow things down while it runs. Bruce looks at how to encourage autovacuum to run more during idle periods and less during busy moments.

BRUCE MOMJIAN

Generating YouTube-Like IDs Using PL/V8 and Hashids

An alternative to exposing numeric IDs or lengthy UUIDs. There's also a native Postgres extension to do this called [pg_hashids](#).

ABE VOELKER

Solving a Classic Puzzle using Postgres and Advanced SQL

Love puzzles and got quite a bit of time on your hands? This is a fascinating journey.

QUASSNOI

Real-time Postgres performance monitoring

Graph and correlate hits, commits, and deadlocks (and more!) with metrics and events from the rest of your infrastructure. Start monitoring in minutes.

DATADOG **#SPONSORED**



Postgres 10 Highlight - Checkpoint Skip Logic

MICHAEL PAQUIER

How to Generate A Pivoted CROSS JOIN Where The Resulting Table Definition Is Unknown

An interesting question and set of answers that looks into using Postgres' 'crosstab' function as well as other approaches.

STACK EXCHANGE

How to Protect Your Data with Constraints

NATHAN LONG

Why is array_agg() Slower than the Plain SQL Equivalent?

STACK EXCHANGE

An Introduction to Stolon: Cloud Native Postgres High Availability

A manager for providing high availability Postgres using streaming replication.

SIMONE GOTTI **#TOOLS**

SQLBoiler: Generate a Go(lang) ORM Tailored to Your Schema

VATTLE **#TOOLS**

PgRebase: Manage Functions/Triggers/Types/Views As Plain Files

OLIVIER EL MEKKI **#TOOLS**

pg_themis: Postgres Extension for Encryption/Decryption with Themis

Themis is a high-level cross-language general cryptography library.

COSSACK LABS **#CODE**

DreamFactory open source REST API platform

Develop apps faster. DreamFactory automatically turns any database into a REST API platform in minutes.

DREAMFACTORY **#SPONSORED**

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