

[« Prev](#)[Next »](#)

Postgres Weekly

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Speeding up Postgres Restores: A 2 Part Series

Whether it's for disaster recovery or a production-to-staging migration, backups are always useful to have. In this series, we learn how to make the restoration process go faster. Part 1 was written last year, but [part 2, written this week, is now available](#).

ADAM MCKERLIE [#TUTORIAL](#)

Writing Postgres Triggers in Go

Uses a Go shared library with C bindings to create an insert/update trigger.

RAPIDLOOP [#TUTORIAL](#)

Patroni: A Template for PostgreSQL High Availability

High availability in Postgres still isn't turnkey out of core. If you're not running on a managed service, Patroni from Zalando is one option to help.

ZALANDO SE [#CODE](#)

2ndQuadrant Remote DBA experts save your business money

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Safe and Unsafe Operations for High Volume PostgreSQL

By default, Postgres is fairly safe and stable, but at large volumes there are a things to be cautious of. If you're running a large scale database these tips could help you out.

ALEXEY VASILIEV

Running Out of IDs

"Keep on using serial for most use cases and keep bigserial in your back pocket if a real need arises."

JOSH BRANCHAUD

Messing with PostgreSQL Users and Permissions

Postgres has robust support for various security permissions of different roles and users. Here's a primer on getting starting with them, setting up a read-only user and related details.

JAY MARCYES [#TUTORIAL](#)

Inside the WAL (Write-Ahead Log)

A quick look at what's really in the WAL.

BRUCE MOMJIAN [#TUTORIAL](#)

Removing Duplicate Rows in Postgres

What if you accidentally load data twice? A look at handling duplicate data and a resulting clean up.

HANS-JUERGEN SCHOENIG [#TUTORIAL](#)

Upgrading a Postgres RDS Instance with Minimal Downtime

Database downtime is a big deal for any production database. Here's some guidance for avoiding it if you're running on AWS and want to upgrade with minimal impact.

JOHN GERHARDT [#TUTORIAL](#)

How Postgres's Advisory Locks Work

Locks in Postgres are often abstracted, and helpful for consistency in your database. At the same time if you're running in a service oriented setup they can actually be a helpful tool to your application. This tour of locks and how you can use them will help you get started.

VLAD MIHALCEA [#TUTORIAL](#)

plgo: A Tool to Easily Create Postgres Extensions in Go

VLADO MAGYAR [#TOOLS](#)

Bottled Water: Real-Time Integration of Postgres and Kafka

Stream change events from Postgres to a Kafka installation.

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