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## Postgres Weekly

Issue 124 — September 24, 2015

## Projection Tables in Postgres

Sometimes you'll have a mix of different types of data in a single table and want to roll it up into a more standard report - as you might do with a pivot table in Excel. Thankfully you can do this directly in Postgres without having to grab the raw data then manipulate elsewhere.

JIM WALKER

## In PostgreSQL, As in Life, Don't Wait Too Long to Commit

Transactions can be very useful but in Postgres you shouldn't be holding onto open transactions for too long. Doing so can have surprisingly unpleasant consequences. Commit or rollback as soon as you can — or you might find yourself with a database accumulating gigabytes full of old, unnecessary rows.

REUVEN LERNER

## Customer-Facing Analytics Dashboards on Real-Time Big Data for SaaS Apps

CitusDB can deliver [analytics dashboards into real-time Big Data](#) for your SaaS customers. It can reduce the cost and complexity of your database infrastructure and leverage your existing PostgreSQL knowledge and applications. CitusDB [elastically scales](#) and supports JSONB.

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## Stored Procedures: Benefits and Pitfalls

A look at the benefits of using stored procedures while taking into account some challenges and potential pitfalls.

FLORIAN BRICK

## Explain Explained: A Slidedeck

Explain shows you what happens when your query actually executes, though even to many experienced with Postgres deciphering the results can be a bit painful. Here's a great deck from a recent talk that walks you through what's there.

JOSH BERKUS [#CODE](#)

## Handling Circular Data Structures in Postgres

If you're dealing with groups that contain other groups, or any other kind of nested structure the default might be to simply make a bunch of separate database calls from within your app. Fortunately with recursive queries there is a better way.

GARY SIELING

## node-pg-util: Utility Belt for PostgreSQL

If your style isn't for a heavy weight ORM, but something to let you work with more raw SQL then here's a great solution for you with Node.

LALIT KAPOOR [#CODE](#)

## PostgreSQL for MySQL Administrators

If you're familiar with MySQL but are still finding the ropes with psql and Postgres, this will help.

DANIEL HAUCK [#TUTORIAL](#)

## Senior Backend & API Developer (Berlin, Germany)

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