Postgres Weekly

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PostgreSQL: A Full Text Search Engine - Part 1

While you can do basic LIKE queries with Postgres, it can go much further when it comes to text search. Here's a great overview of what features are available and what full text search in Postgres can do.
TIM VAN DER LINDEN

Putting stats_temp_directory On A RAM Disk

Postgres keeps a lot of various stats under the hood to help the planner work out how to best execute various queries. A little known trick is that you can set up the stats directory on to a RAM disk which has higher risk for loss but can significantly improve performance.
QUINN WEAVER

Check out DB Weekly, our general database newsletter

DB Weekly is now a few months old and continues to coverage database trends and new releases and technologies each week. Issue 11 looks at Crate Data, a new massively scalable data store, a video guide to DBAs, using normalization on SQL databases, and more. It's a great way to keep your finger on the pulse of database related developments.
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Migration of Postgres 9.2 to 9.3 with Homebrew and json_enhancements

In Postgres 9.2 we got JSON, but it still needed a lot to be more usable… Much of this came with the json_enhancements extension. But if upgrading from 9.2 to 9.3 there's a few gotchas, just in case you're in that boat here's a few hints.
PETER BENGTSSON

Postgres 9.4 Feature Highlight: REPLICA IDENTITY and Logical Replication

Logical decoding is super powerful and a baseline for so many useful features that made it into 9.4. But what it really means and how you apply it still isn't super clear, here's a great first look at that.
MICHAEL PAQUIER

Table Partitioning in PostgreSQL

When tables pass millions of rows and you're commonly reporting against them table partitioning may or may not give you some performance improvements. Here's a basic guide on implementing it.
AGNIESZKA FIGIEL

UPSERTisms in Postgres, Part 2: Congestion

Last week we highlighted the performance difference of implementing upsert a few different ways in Postgres. There was some response to it, and as a result here's a followup of how the performance looks with concurrency.
MARKO TIIKKAJA

What Happens When Replacing A Function Used in an Index?

Have a functional index in Postgres and want to change it? Depending on how you declare it changes what actually happens, here's a clear example as well as an articulate answer to that.
STACK OVERFLOW