DB Weekly

Database Weekly

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FEATURED

Google's 'Cloud Spanner' Is Now Production Ready — A globally-distributed relational database service with ACID transactions and SQL semantics. WIRED's writeup (from Feburary) gives the bigger picture of why it's a big deal.
GOOGLE CLOUD PLATFORM BLOG `TOOLS`

Google BigQuery Now Offers 10GB of Free Storage — BigQuery has long provided an easy way to analyze massively large datasets and now there's a free storage tier to make getting started even easier.
GOOGLE CLOUD PLATFORM

PostgreSQL 10 Beta 1 Released — A big release is on the way later this year featuring logical replication and native table partitioning. Here's slides covering the changes, plus a look at incompatible changes.
POSTGRESQL

Whitepaper: 5 Steps to Agile Database Management — Database Management is years behind software development. Here's how to bring your DBs up to speed.
SELECTSTAR `SPONSORED`

Google Spanner: Becoming a SQL System — An academic paper presented at SIGMOD 17 that digs into the specifics of the *Spanner* globally-distributed data management system Google uses (as mentioned above).
ACM / GOOGLE

Badger: A High-Perf Key/Value Storage Engine — An embeddable, persistent, simple and fast key-value store, written natively in Go. GitHub repo.
DGRAPH `CODE`

Neo4j 3.2 Released with Multi Datacentre Support — It's now easier to run the graph database across continents. There are also production governance (e.g. Kerberos auth), query monitoring, and performance improvements.
NEO4J

IN BRIEF

[Committers Talk Hadoop 3 at Apache Big Data](#) — Focusing mostly on the forthcoming addition of erasure coding to HDFS which is well explained here.
DATANAMI `NEWS`

[Enhancements and What's New in Hadoop 3.0](#) — A brief overview of incoming changes in Hadoop 3 and their benefits.
SHUBHAM SINHA `NEWS`

[How to migrate from RDBMS to MongoDB](#) — Learn why today's most innovative companies are migrating to MongoDB.
MONGODB `SPONSORED`

[The Many Faces of DISTINCT in Postgres](#)
HAKI BENITA

[Playing with SQL Server 2017's 'SQL Graph'](#)
DENIS GOBO

[10 Techniques to Boost Your Data Modeling](#)
SHELBY BLITZ

[The Motivation for Native Graph Databases](#)
JIM WEBBER

[Crunching Machine Learning And Databases Together on GPUs](#) — A look at accelerating relational DB processing with GPUs.
TIMOTHY PRICKETT MORGAN

[CIOs Growing Weary of Database Lock-In, Increasingly Buying Into Open Source](#) — Oracle is slipping in its hold on the database market, but it's going to take a long time to topple.
MATT ASAY

[JSONata: A Declarative Syntax for Querying JSON Data](#)
ANDREW COLEMAN `VIDEO`

[ToroDB: A Layer That Turns Postgres Into a NoSQL Database](#)
TORODB `TOOLS`

[SQLPad: Webapp to Run SQL Queries and Visualize Results](#) — Run SQL in your browser, chart the results. Supports MySQL, SQL Server and Vertica.
RICK BERGFALK `TOOLS`

[Manage all your Database-as-a-service needs in one place](#) — Manifold is your hub for amazing developer services, like JawsDB and RedisGreen
MANIFOLD `SPONSORED`

[SQL Notebook: A Windows App to Explore Tabular Data](#) — [Related Hacker News discussion.](#)
BRIAN LUFT `TOOLS`

[Trinity: A High Performance, C++ Search Library](#) — A building block for your own search engines.
MARK PAPADAKIS `CODE`

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