DB Weekly

Database Weekly

Issue 85 — December 31, 2015

FEATURED

A LOOK BACK AT THE BEST OF 2015

I hope you've been having a great holiday season. We have, and we decided this week to reflect on the most popular stories in DB Weekly and from the overall database world in 2015. Thanks for reading, and happy new year!

Peter Cooper,
Editor

RethinkDB 2.0 is Amazing — In the most popular DB Weekly article of the year, Rob Conery waxed lyrical about RethinkDB, a database that challenges many of the assumptions about how an RDBMS should work.
ROB CONERY

The 10 Most Popular DB Engines (SQL and NoSQL) in 2015 — Oracle, MySQL and SQL Server held the top 3 positions, with MongoDB, Cassandra and Redis climbing.
JOOQ

10 SQL Articles Everyone Must Read — Lukas always has good stuff to share but this time it's other people's articles he considers 'must reads' if you're into SQL.
LUKAS EDER

Hate Fixing Bugs? Lucky You. We Love It. — Tackling technical debt and integrating disparate systems is fun, too. (Yes, really.)
CORGIBYTES   <mark>SPONSORED</mark>

PipelineDB: The Streaming SQL Database — An open-source relational database (based on PostgreSQL 9.4) that runs SQL queries continuously on streams, incrementally storing results in tables.
PIPELINEDB

7 Common Database Design Errors — Covered invalid naming, bad column widths, poor indexing, ignoring time zones, collation, and more.
GRZEGORZ KACZOR

10 Rules for a Better SQL Schema — A variety of tips for building an easy to understand and maintain schema for your SQL database.
PERISCOPE

Gun: The 'Easiest' Database Ever? — "Gun is a persisted distributed cache, part of a NoDB movement. [..] Think of it as 'Dropbox for Databases'." The discussion on Hacker News was also interesting.
GUNDB

JOBS

Heroku Data Infrastructure Engineer — Join the Heroku Data team and learn about supporting and operating database systems at scale.
HEROKU

IN BRIEF

[Amazon Launched 'Elasticsearch Service' (ES)](#) — Elasticsearch is a real-time, distributed search and analytics engine (which effectively acts like a document database too).
AWS OFFICIAL BLOG `NEWS`

[SQLite 3.9.0 Released](#)
SQLITE `NEWS`

[MongoDB 3.0 Released: A Significant Release](#) — We're now up to 3.2, but 3.0 was a hugely popular release with readers.
MONGODB `NEWS`

[Redis 3.0 Released](#) — This was a major release for the popular key-value cache and store.
SALVATORE SANFILIPPO `NEWS`

[Introducing Espresso - LinkedIn's Hot New Distributed Document Store](#)
LINKEDIN ENGINEERING `NEWS`

[A Tiny Intro to Database Systems](#)
DAN CRISAN

[How Does A Relational Database Work](#)
CODING GEEK

[Creating a Database Model for A Messaging System](#)
SHANTANU KHER

[9 Tips for Better Database Design](#)
JEFFREY EDISON

[An Introduction to Apache Spark](#)
RADEK OSTROWSKI

[Can Anyone Provide A Sound Argument for Choosing MySQL Over Postgres?](#) — It's not easy, but some people fought MySQL's corner pretty well.
HACKER NEWS

[Benchmarking Aurora vs MySQL: Is Amazon's New DB 5x Faster?](#)
ALEX ZHITNITSKY

[Why You Should Never, Ever, Ever Use MongoDB](#) — A very controversial opinion piece we only linked due to its popularity in the community.
SVEN SLOOTWEG

[Have you got SQL fingers?](#) — Try SQL Prompt and you'll be able to write, refactor, and reformat SQL effortlessly in SSMS and Visual Studio. Find out more.
RED GATE SOFTWARE `TOOLS` `SPONSORED`

[A List of Over 200 NoSQL Databases](#) — Complete with short summaries. Quite a handy list.
NOSQL-DATABASE.ORG `TOOLS`

[Sophia: A Modern Embeddable Key-Value Database](#) — Boasts full ACID compliance and is designed for fast write (append-only) and read.
DMITRY SIMONENKO `TOOLS`

[Scylla DB: An Apache Cassandra-compatible Database Written in C++](#)
SCYLLA `TOOLS`

[Cayley: An Open-Source Graph Database From Google](#)

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