Database Weekly

Issue 133 — December 12, 2016

FEATURED

Apologies for the odd day of delivery. We've been experimenting with our email system. Everything back to normal from this Friday :-)

The First Release Candidate of Redis 4.0 is Out — The superfast data structure server is close to another big step forward. 4.0 includes support for custom modules, a new replication system, and more.
SALVATORE SANFILIPPO

A Beginner's Guide to the True Order of SQL Operations — *"The SQL language is very intuitive. Until it isn't."* A thorough tour of how the order of operations in SQL matters.
JOOQ

Google BigQuery, and Why Big Data is About to Have its GMail Moment — *"the petabyte-scale of event-based customer interaction records means that it's easier, cheaper and far less work to hand this sort of workload off to Google"*
MARK RITTMAN

Building OHLC (open, high, low, close) Data in PostgreSQL — This article illustrates the power of PostgreSQL's aggregate and date functions to analyze financial data, and shows you how to display the results in a web browser using TechanJS.
COMPOSE SPONSORED

7 Things Learned About Aurora at AWS re:Invent 2016 — Some of Brent Ozar's favorite takeaways about Amazon Aurora, Amazon's homegrown relational database with MySQL compatibility.
BRENT OZAR

Record Query: A Tool for Doing Record Analysis and Transformation — Fills a similar niche to tools like awk or sed, but works with structured (record) data instead of text.
DAVID FLEMSTRÖM TOOLS

30x Faster Elasticsearch Queries — *"we achieved a 30x performance improvement in Elasticsearch queries by switching from millisecond timestamps to seconds"*
CAMERON PRICE-AUSTIN

PostGraphQL: PostgreSQL Meets GraphQL — GraphQL is a data query language originally built at Facebook. PostGraphQL is a library that maps Postgres schemas to GraphQL ones that can then be queried against.
COMPOSE

Graph Query Engine Claims Performance Record — Cambridge Semantics claimed a record this week with a load and query of 1 trillion 'triples' on the Google Cloud Platform in under 2 hours.
DATANAMI

The Wide World of Data Science with Jessica Kirkpatrick — The Analyst is a new podcast about how to use data to solve problems, in business and beyond.
SARAH SIWAK

JOBS

Want Multiple Job Offers? - Try Hired — Why job hunt like it's the 90s? Try Hired today to get in front of thousands of innovative companies.
HIRED

IN BRIEF

[Supporting R in SQL Server 2016]
DEJAN SARKA NEWS

[Writing Clean SQL]
JONATHAN SACRAMENTO

[Date Math In The WHERE Clause]
BRENT OZAR

[Storing and Manipulating IPv6 Addresses in MySQL 8.0]
CATALIN BESLEAGA

[Improving Search Speed with PostgreSQL Trigram Indexes] — How Trigram indexes work and how they can be used to speed up queries using LIKE conditions.
YORICK PETERSE

[Running Solr in Docker: How and Why]
RAFAŁ KUĆ AND RADU GHEORGHE VIDEO

[Planet-Scale NoSQL with Azure DocumentDB]
CHANNEL 9 VIDEO

[Setting Up RavenDB on the Raspberry PI] — An open source database for .NET.
ADI AVIV VIDEO

[SQL Is Still Superior for Big-Data Analytics]
BURAK EMRE

[Put your DB into overdrive on Linode's SSD servers.] — Whatever your preferred DB, get better performance by loading it on Linode. Use promo code DB20 for $20 credit
LINODE TOOLS SPONSORED

[HQbird 2017 Released: An Advanced Distro of FirebirdSQL] — With native replication, optimization tools, automatic backups, and monitoring.
IBSURGEON TOOLS

[50+ of the Best Online Educational Resources to Learn SQL] — Including books, interactive courses, video lessons, bootcamps, articles, and references.
HACKER LISTS TOOLS

[PDD: Advanced Bloom Filter Based Algos for Efficient Data De-Duplication in Streams]
JACOB PARK CODE

[SQL Server Test Data Generator in SQL]
MICROSOFT CODE

[Rebridge: A Transparent JavaScript Interface to Redis]
CAPACITORSET CODE

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