DB Weekly

Database Weekly

Issue 107 — June 2, 2016

FEATURED

SQL Server 2016 Now Generally Available — Includes updateable, in-memory columnstores, R integration, and improved cross-platform analytics (such as with PolyBase).
MICROSOFT `TOOLS`

Comparing CHAR and VARCHAR Types in Different DB Engines — Database storage engines frequently spring up surprises - this roundup looks at the various ways MySQL, SQLite, Postgres, Oracle and SQL Server deal with CHAR and VARCHAR types.
VERTABELO

See inside your Redis database. New memory mapping from RedisGreen — RedisGreen builds a map of your Redis memory usage, tracking the size of keys over time, helping you track down problems and gain new insights.
REDISGREEN `SPONSORED`

BigBash: Convert SQL SELECTs to Bash One-Liners — Converts select statements to Bash one-liners that are executable directly on CSV, log files & similar files.
ZALANDO SE `TOOLS`

Looking Inside The MySQL 5.7 Document Store — A quick demonstration of how MySQL's new document storage feature works.
ALEXANDER RUBIN

Extending The Redis Database — A 10 minute discussion with Redis creator Salvatore Sanfilippo about Redis' new module system.
RACHEL ROUMELIOTIS

Monitoring Cassandra at Scale — Yelp uses Cassandra heavily and while it's built to deal with failure, robust monitoring is essential at their scale.
JOSEPH LYNCH

JOBS

Work on a Better Stack — On Hired, engineers typically get 5+ job offers in 1 week. Find that new opportunity you've been craving and get access to 3,500+ companies instantly.
HIRED.COM

IN BRIEF

[Big Data and the Cloud: Uncover New Insights Hiding in Your Data](#)

DATANAMI NEWS

[Export Redis Snapshots from ElastiCache to Amazon S3](#)

AMAZON NEWS

[On-demand Webinar: Turbocharge Your SQL Queries In-Memory with Apache® Ignite™](#) — Learn how to boost performance 1,000X and scale to over 1 billion transactions per second with your SQL-based applications.

GRIDGAIN IN-MEMORY DATA FABRIC SPONSORED

[Building an Application with CockroachDB and SQLAlchemy](#)

BEN DARNELL

[5 Useful Tips to Make Your Hadoop Deployment Robust](#)

NOAM HASSON

[Setting Up Elasticsearch for a Blog](#)

NICOLÁS BEVACQUA

[Using Elasticsearch Aggregations for Analytics](#)

IGOR BOBRIAKOV

[Mutating Table Error In Oracle: Why It Happens And What You Can Do About It](#)

DAVID FITZJARRELL

[Redesigning A Notification System using Postgres](#)

UPSTATS

[Merging Batch and Stream Processing in a Post Lambda World](#)

DATANAMI

[One Call to Rule Them All](#) — Access SQL and NoSQL databases across multiple servers with a singular REST API. Free, open source platform.

DREAMFACTORY TOOLS SPONSORED

[ElectroCRUD: A Modern MySQL CRUD Application](#)

GARRY LACHMAN CODE

[libsqlfs: Implements A POSIX-Style Filesystem on top of SQLite](#)

GUARDIAN PROJECT CODE

[Miniredis: A Pure Go Redis Server, Ideal for Unit Tests](#)

HARMEN CODE

[How Netflix Caches App Data Using SSDs](#)

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