DB Weekly

Database Weekly

Issue 129 — November 4, 2016

FEATURED

MongoDB 3.4 Released: Aiming at the Enterprise — Enterprise scale functionality seems to be the focus of this release with features that embrace additional data models, operational and analytical processing, and elastic cross-region scaling.
MONGODB

NASA Is Harnessing Graph Databases To Organize Lessons Learned From Past Projects — NASA is modernizing its 'lessons learned' database with graph database technology to enable it to make better decisions in the future.
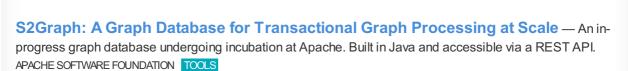STEVEN MELENDEZ

Redis Module Speeds Spark-Powered Machine Learning — The newly released Redis-ML component for the popular in-memory data store accelerates machine learning functions with Apache Spark.
INFOWORLD

Linode is the SPEEDIEST SSD host for your DB - simple, reliable & powerful. — MySQL? MariaDB? PostgreSQL? Whatever DB you use, run it on a Linode, the most scalable, reliable and fastest servers in the cloud. Use promo code DB20 for a $20 credit and get started!
LINODE SPONSORED

S2Graph: A Graph Database for Transactional Graph Processing at Scale — An in-progress graph database undergoing incubation at Apache. Built in Java and accessible via a REST API.
APACHE SOFTWARE FOUNDATION TOOLS

Continuous MySQL Backup Validation: Restoring Backups — Divij Rajkumar explains how Facebook continuously tests the ability to restore databases from backups, ensuring they can quickly recover from an outage.
FACEBOOK CODE

Dockerizing MySQL at Uber Engineering — A look at Schemadock, Uber's tooling solution for managing its increasing number of MySQL clusters.
UBER ENGINEERING

JOBS

Job Offers Without the Hassle - Try Hired — Sick of pushy recruiters, and dead end interviews? Try Hired to hear from top tier companies, and only talk to relevant companies.
HIRED

IN BRIEF

DataStax Focusing Its Cassandra Developers Onto Its Own Enterprise Edition — Their work has been hugely valuable so far.
DATASTAX `NEWS`

Yext Launches A Developer Platform for Its Location Database Technology
MATTHEW LYNLEY `NEWS`

2016 MariaDB Developers Meetup Presentations — A round-up of slides and videos from presentations given at the recent 2016 MariaDB Developers Meetup in Amsterdam.
DANIEL BARTHOLOMEW `NEWS`

Azure SQL Database Now Supporting Up to 10 Years of Backup Retention
MICROSOFT `NEWS`

MariaDB 10.0.28 Now Available — Several important bug fixes, including security fixes.
MARIADB FOUNDATION `NEWS`

Webinar: ScyllaDB with Eyal Gutkind – Nov 9, 2pm EDT — Learn how ScyllaDB, a Cassandra drop-in replacement that can handle 1m transaction/node with 10X performance.
COMPOSE `SPONSORED`

Postgres Primary Key Type Analysis: Integers vs UUIDs
GOSIMPLE

What is Blockchain Technology? A Step-by-Step Guide For Beginners
AMEER ROSIC

Are Your Foreign Keys Indexed On SQL Server? If Not, You Might Have Problems
DENIS GOBO

How to Set Analyzers and Datatypes by Default to Mappings in Elasticsearch
ADAM VANDERBUSH

How to Distinguish Real SQL Execution Plans from Fake Ones
MOHAMMAD FAISAL

Docker and Neo4j for Developers Who Can't Read Good
KEVIN VAN GUNDY

Securing PostgreSQL [PDF]
CHRISTOPHE PETTUS

See what your users see — Meet FullStory, the pixel-perfect session playback tool that makes it easy to answer any question about your customers online experience. Try it free for 2 weeks
FULLSTORY `TOOLS` `SPONSORED`

[MongoDB Cluster Migration with Zero Downtime](#) — How Checkr migrated their clusters to Atlas, MongoDB's new cloud service.

SAŠO MATEJINA

[Get Ready for SQL Server 2016](#) — Trainer Garth Schulte highlights five of his favorite SQL Server 2016 features in this 15 minute video.

GARTH SCHULTE `VIDEO`

[Big Query v. Redshift: Similarities, Differences and the Serverless Future?](#)

TREASURE DATA BLOG

[PostgreSQL 9.6 Improves Synchronous Replication and More](#) — "PostgreSQL 9.6 has given users plenty of reasons to upgrade."

JOSH BERKUS

[EclairJS: A JavaScript API to Apache Spark](#)

IBM `CODE`

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