DB Weekly

Database Weekly

Issue 154 — May 12, 2017

FEATURED

Microsoft Unveils Azure Cosmos DB, A New Multi-Model DB — An Azure-based globally-distributed multi-model database built for low latency, elastic scalability, and high availability.
MICROSOFT `TOOLS`

MapD Open Sources Its GPU-Powered Database — Mark Litwintschik has also written a handy guide to compiling MapD from source.
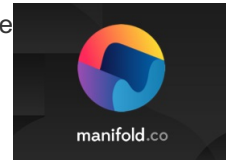MAPD BLOG

RediSQL: A Redis Module That Embeds SQLite — Provides a way to get a SQLite server on the cheap and it can serve many 10,000s of queries per second.
REDBEARDLAB `TOOLS`

Manifold is your hub for amazing developer services — Why waste time managing your own database? Sign Up for Manifold and manage all your services with a single account. We have awesome partners like JawsDB and RedisGreen — so you can get started today with Redis, Postgres, MySQL and even MariaDB.
MANIFOLD `SPONSORED`

CockroachDB 1.0: A Production-Ready Go-Based SQL Database — One of the "NewSQL" generation of databases, CockroachDB is an open source, distributed SQL database designed for high availability.
SPENCER KIMBALL `TOOLS`

Microsoft Launches Azure Database for MySQL and Postgres — While Cosmos DB (above) is Microsoft's big database news of the week, most developers will find their MySQL and PostgreSQL offerings of more immediate use.
TECHCRUNCH

What Are Graph Databases and Why Should We Care? — This hour long talk goes quite deep on understanding the graph database ecosystem from stores such as Neo4j and OrientDB to processing frameworks like GraphX.
DAVE BECHBERGER `VIDEO`

A Dive Into Spatial Search Algorithms — The art of searching through millions of points in an instant.
VLADIMIR AGAFONKIN

Detecting Abuse at Scale with Locality Sensitive Hashing — How Uber uses Locality Sensitive Hashing on Apache Spark to reliably detect fraudulent trips at scale.

UBER ENGINEERING

Optimizing Memcached Efficiency at Quora — Quora uses memcached heavily to speed up operations and has just released a new tool called mcinspector for analyzing its memory use.
SIYUAN FU

IN BRIEF

[With Cosmos DB, Microsoft Wants to Build One Database to Rule Them All](#)

TECHCRUNCH `NEWS`

[The European Investment Bank Invests €25M into MariaDB](#)

EUROPEAN COMMISSION `NEWS`

[A SQL 'Cheat Code' For Faster JSON Queries on SQL Server 2016](#)

BERT WAGNER

[How can you help your team write better, shareable SQL faster?](#) — Learn more with our free video tips showing how SQL Prompt lets you write, refactor, and share SQL.

RED GATE `SPONSORED`

[The Basics of Good T-SQL Coding Style](#)

ROBERT SHELDON

[An Intro to Scaling Connections in Postgres](#)

CITUSDATA

[Restoring MongoDB Atlas Database Backups in AWS](#)

JAY GORDON

[Testing Huge PostgreSQL Backups for 37 Cents a Day](#)

BEN UBOIS

[Caching Out of Hadoop: How New York Times Embraces New Technology](#)

ALEX HANDY

[Developing a Production Realtime App on RethinkDB](#)

JORDAN HUSNEY AND MATT KRICK

[Migrate your deployment from mLab or Compose and get $100 in credit](#) — With MongoDB Atlas' Live Import utility, you can migrate your entire deployment with no downtime.

MONGODB `SPONSORED`

[Nitrite: An Embedded NoSQL Database for Java and Android](#) — An open-source NoSQL embedded document database with a MongoDB-like API.

ANINDYA CHATTERJEE `TOOLS`

[TiDB Brings Distributed Scalability to SQL](#) — TiDB supports the MySQL protocol, making it easy to adopt.

SUSAN HALL `TOOLS`

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