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Database Weekly

Issue 126 — October 14, 2016

FEATURED

SummitDB: In-Memory NoSQL ACID Compliant DB with Raft Consensus — An interesting new database written in Go that uses a Redis-like API, but is ACID compliant, supports custom indexes, JSON documents, and JavaScript scripting.

JOSH BAKER [CODE](#)

Git as a NoSQL Database — *Git is a content-addressable file system. This means that it's a simple key-value store.*

KENNETH TRUYERS

MySQL 8.0: The End of MyISAM — A look at the gradual end of the storage engine every MySQL user has come to hate over the years: MyISAM.

ALEXANDER RUBIN

Get the Universal Scalability Law Modeling Workbook — This workbook is a rapid way to model and understand your systems' practical scalability limits. [Download now.](#)

VIMDCORTEX [SPONSORED](#)



VividCortex

How to Choose The Right Database System: RDBMS vs. NoSQL vs. NewSQL — A look at the things to be considering when trying to find the right database system for your use case. It's ultimately a process based on making tradeoffs.

ALEX CASTROUNIS

Does Your Database Really Use Your Index? — Indexes are important for ensuring high performance in relational databases, but after many years and changes in your apps, can you be sure the right indexes are still in place?

JOOQ

The Best of PostgreSQL 9.6 for the Database Administrator — Postgres 9.6 came with a number of interesting new features. This rundown highlights the ones most interesting if you're a DBA.

KAAREL MOPPEL

JOBS

[One Application, 4,000+ Opportunities - Try Hired](#) — On Hired companies apply to interview you. Get 1:1 support for your job search plus upfront compensation details.

HIRED

IN BRIEF

[Amazon ElastiCache for Redis Update](#) — Sharded cluster support now lets you have up to 3.5TB of Redis storage.

AMAZON **NEWS**

[IBM Challenges Amazon S3 with Cloud Object Store](#)

ALEXWOODIE **NEWS**

[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**

[What An In-Memory Database Is and How It Persists Data Efficiently](#)

DENIS ANIKIN

[Database Schema Design Tutorials](#)

ROBERT STONE

[Real-time Stream Processing Using Apache Spark Streaming and Apache Kafka on AWS](#)

AMAZON

[7 Useful SQL in Postgres Techniques](#)

JEREMY RAINES

[How Twitch Uses PostgreSQL](#) — Twitch has over 100 servers running Postgres and in this short post, they share a few parts of how they make it all work.

AARON BRASHEARS

[KVolve: Updating NoSQL Database Schemas Without Downtime](#) — *We built a system, called KVolve, for updating data from Redis key-value stores on-the-fly, without disconnecting the applications that read and write the data.*

TUDOR DUMITRAȘ

[A Practical Relational Query Compiler in 500 Lines of Code](#)

JAMIE BRANDON

[My RethinkDB story](#) — Michel Tu shares his personal story of working on and with RethinkDB.

MICHEL TU

[Upload Files From Anywhere.](#) — The #1 Developer Service for File Uploads.

FILESTACK **TOOLS** **SPONSORED**

[DbFit: Automated Open Source Database Testing Tool](#)

YAVOR NIKOLOV **TOOLS**

[DBGlass: A Cross-platform PostgreSQL Client](#) — Built with Electron, React, Redux, and FixedDataTable.

WEB-PAL **TOOLS**

[OmniDB: Web Tool for Database Management and Conversion](#) — 1.6 has just been released with MariaDB support. Also supports Oracle, Postgres, SQLite, SQL Server and others.

OMNIDB **TOOLS**

[go-rm: Helpers for Writing Redis Modules in Go](#) — Redis recently added support for external modules.

GITHUB.COM **CODE**

[SqlPad: A Web-based SQL Editor To Run in Your Own Private Cloud](#) — Supports MySQL, Postgres, SQL Server, Vertica, Crate, and Presto.

RICK BERGFALK [CODE](#)

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