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#194 — MARCH 9, 2018

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## Database Weekly

**Anna: A Key-Value Store For Any Scale** — A look at an interesting key/value database out of Berkeley promising “*phenomenal speed and buttery smooth scaling*” and an “*unprecedented range of consistency guarantees*”.

It's only an academic prototype for now, but a new version called *Bedrock* is underway and will, eventually, be open sourced. When it is, we'll let you know.

JOSEPH M. HELLERSTEIN

**Translate SQL From One Dialect to Another** — While SQL has been standardized numerous times, its implementation does tend to vary, so this tool provides an interesting way to see the differences on your own queries.

LUKAS EDER

**MongoDB Tutorial Series: How to Develop an Effective Indexing Strategy** —

Performance tuning a dark art? Not with us. Grab your free MongoDB tutorial on high-speed indexing strategies from Studio 3T. Learn the fast way how you can prevent slow and long-running queries.

STUDIO 3T SPONSOR



**Distributed Transactions and Why You Should Care** — An interesting explanation of what distributed transactions are about, why they matter, and some techniques that make them possible.

PRITAMROY

**MarketStore, a Financial Time-Series Database, Now Open Source** — A database server optimized for financial time-series data written in Go. [GitHub repo](#).

ALPACA

**Hops Hadoop: Hadoop, but with Distributed Metadata** — A new distribution of Hadoop that adds a scale-out distributed metadata layer to remove the metadata bottleneck in HDFS. [GitHub repo](#).

LOGICAL CLOCKSAB

**And a few news items..**

### **Confluent Adds KSQL Support to Kafka Platform**

DATANAMI

### **Postgres in The Cloud Front and Center.**

**Register Now — Boston, June 5 & 6**

POSTGRES VISION 2018 SPONSOR

**Ben Lorica on What to Expect at the Strata Data Conference** — The popular data-oriented O'Reilly conference is back in San Jose this month. Themes will include the growth of Spark, machine learning, and privacy and ethics.

DATANAMI

**IBM's Experimental Geospatial Analytics Service** — For capturing the value of place and time with geospatial-temporal insights.

IBMRESEARCH

**Introducing SQL Information Protection for Azure SQL Database** — Advanced capabilities for discovering, classifying, labeling, and protecting sensitive data in your databases.

MICROSOFT

**A Comparison of Window Functions and CTEs in MySQL vs MariaDB** — How two new technologies compare in the MySQL family of databases.

SHREE NAIR

### **Choosing a MySQL High Availability Solution**

PERCONA SPONSOR

### **How the Ties.DB Database Uses Blockchain Technology**

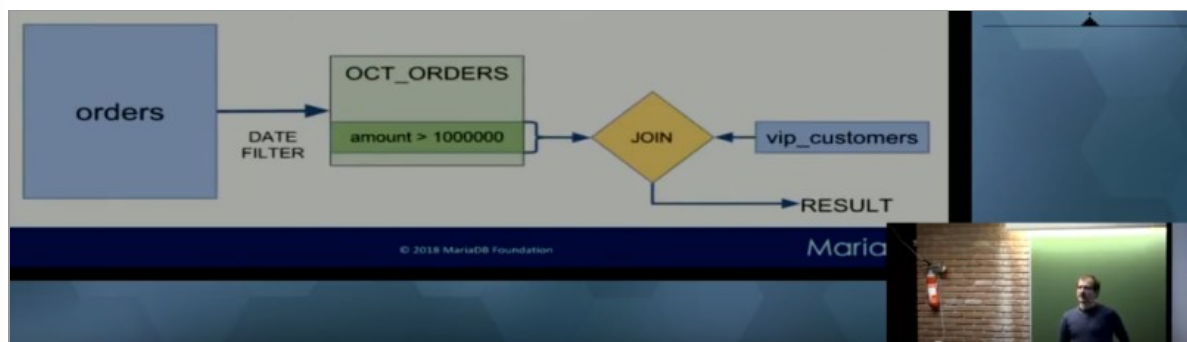
INSIDEBIGDATA

### **Postgres 10: A Great New Version for a Great Database**

REUVEN M. LERNER

**db.vim: A Modern Database Interface for Vim** — A Vim plugin for interacting with MongoDB, MySQL, Postgres, Redis and SQLite. You can also build your own adapters.

TIM POPE



Vicentiu Ciorbaru talking about query optimization

► **Let's Talk Database Optimizers** — A brief 15-minute talk from Vicentiu Ciorbaru, a software engineer at the MariaDB Foundation, looking at new developments in optimizers.

FOSDEM2018

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