# DB Weekly
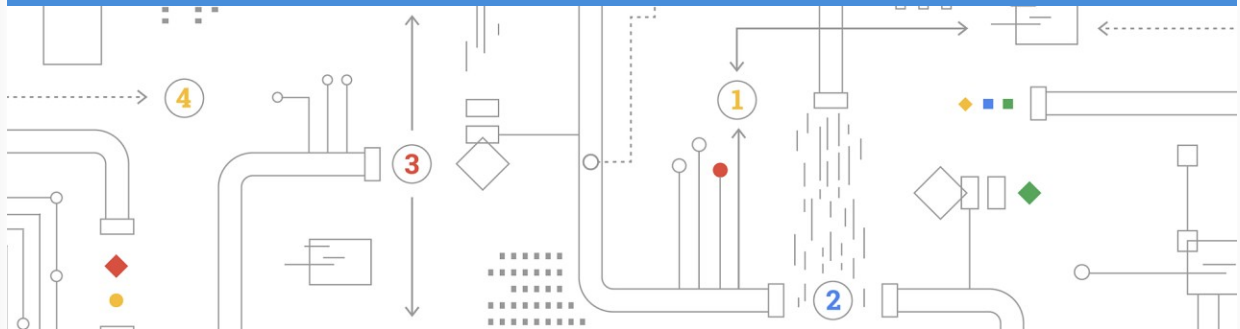
#222 — SEPTEMBER 21, 2018

READ ON THE WEB

## Database Weekly



**Google Cloud Inference API: To Analyze Large Scale Time-Series Data** — A new service (currently in *alpha* only) from Google that's integrated with Google Cloud Storage to analyze and uncover insights from typed time-series datasets and streams at scale.
GOOGLE CLOUD BLOG

**MariaDB Acquires Clustrix, a 'NewSQL' Distributed Database Pioneer** — MariaDB, initially famed for producing a successful fork of MySQL, continues to extend its range of additional technologies by acquiring Clustrix, producers of a MySQL-compatible highly scalable 'NewSQL' database.
TECHCRUNCH

**Setting Up a MongoDB Service Under Windows via PowerShell** — We'll show you how to use PowerShell to set up a MongoDB service on Windows, plus highlight how Studio 3T can help with user authentication and management.
STUDIO 3T   SPONSOR



**A SQL Style Guide** — A consistent code style guide for SQL to ensure legible and maintainable queries.
SIMON HOLYWELL

**CrimsonDB: A Self-Designing Key-Value Store** — An interesting new database idea from Harvard's Data Systems Laboratory where the database decides *autonomously* how to tweak itself internally to adjust to the workloads and hardware it's given. Its approach is explained in two academic papers but you can't work with it yourself at this point.
DASLAB AT HARVARD UNIVERSITY

**The Major Features Coming to PostgreSQL 11** — The next major version of Postgres isn't too far away and this slidedeck quickly covers the major feature additions.
BRUCE MOMJIAN

**Accessing MySQL as a Data Source using mysql_fdw** — If you have both Postgres and MySQL in your organization, this foreign data wrapper could help you bring them together.
JOBIN AUGUSTINE

**How to Write a Multiplication Aggregate Function in SQL**
LUKAS EDER

**Managing MySQL at Serverless Scale** — If you're worried about exhausting the connections a MySQL server will accept with numerous serverless invocations, these techniques could help.
JEREMY DALY

**Bring Order to Chaos: A Graph-Based Journey from Textual Data to Wisdom** — A high level explanation of taking unstructured textual data and representing it in a useful way in a graph database.
DR. ALESSANDRO NEGRO AND DR. VLASTA KŮS

**Why 'Covering Indexes' Will Be Helpful in PostgreSQL 11** — Covering indexes let you include certain extra columns in an index to speed up lookups and is a feature SQL Server and Oracle users will already be familiar with.
JONATHAN S. KATZ

▶ **MongoDB's CTO on Why MongoDB is the Best Database for Modern Apps** — Eliot Horowitz explain how MongoDB is evolving and where MongoDB Inc's Atlas and Stitch services fit into the big picture.
MONGODB

**The Changing Role of the Database Administrator** — With the advent of the cloud, automation & DevOps, the DBA's role & responsibilities are rapidly evolving.
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**Death By Database: A Database Design Tale** — A brief tale of how a poorly designed database model can result in unfortunate compromises.
CURTIS 'OVID' POE

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