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## Database Weekly

Issue 180 — November 10, 2017

**MongoDB 3.6 Released: Security, Robustness and JSON Schema** — A new version of the popular NoSQL database: better hardened against network outages with 'Retryable Writes', as well as against ransomware by only binding to localhost by default. It now also supports JSON Schema for data validation.

MONGODB

**Advanced SQL: A Look At Window Functions** — A complete exploration of window functions, ideal if you're not particularly familiar with them.

MICHAL KONARSKI

**Redis Streams and the Unified Log** — Redis, the data structure server, will soon be shipping with a *stream* data structure, which opens up an opportunity for unified logs and using Redis as a lighter alternative to Kafka.

BRANDUR LEACH

**Continuous Delivery 101 from GoCD** — This video series covers the history of CD, concepts, best practices, how to get started, and popular tools. You'll gain a holistic view of continuous delivery and a deeper understanding and appreciation of critical concepts.

GOCD SPONSORED VIDEO

**Turning VS Code Into A Killer MongoDB Admin Tool** — You can turn Visual Studio Code into a practical MongoDB admin tool with a single extension.

BURKE HOLLAND

**Work on SQLite4 Has Concluded** — Not a lot to see here, but SQLite4 was basically an experimental branch whose ideas have now been folded into SQLite3 which remains the latest official version.

SQLITE

**Standards Effort Seeks to Redefine 'Data Scientist'** — Despite soaring demand for data skills "there isn't a standardized way of defining, certifying or even quantifying the number of data scientists in the workforce"

DATANAM

**Google's Cloud SQL for Postgres Adds High Availability and Replication** — Google's service has improved its Postgres offering with support for high availability and read replicas, plus instances with up to 416GB of RAM.

GOOGLE CLOUD PLATFORM

**PostgreSQL 10.1, 9.6.6, 9.5.10, 9.4.15, 9.3.20, and 9.2.24 Released** — To fix three security vulnerabilities.

POSTGRESQL.ORG

**Couchbase's Engaging Plan for Customer Victory** — Essentially it's about letting users analyze 'customer engagement' better.

DATANAM

**Elastic Acquires Swiftype, a Site Search Service**

SHAY BANON

**In-Memory Database Terracotta Goes 'Translytical'**

DATANAM

**Monitoring for All Your Data Stores (And Everything Else)** — Datadog integrates seamlessly with 200+ technologies, including Postgres, MySQL, MongoDB, Redis, and DynamoDB.

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**On Database Connection and Statement Timeouts**

PIOTR MONSKOWSKI

**Portfolio Risk Analysis in SQL** — A fun (but older) read if you're looking to level up your SQL skills.

PERISCOPE DATA

**The Case Against ORMs** — One developer lays out the case against using ORMs, based on personal experience.

ALEX KORBAN

**SQL or NoSQL? How About Both?** — Using SQL and NoSQL side-by-side to exploit their respective strengths.

DAVID MAIDMENT

**So, What is DevOps?** — The million-dollar question, it is. Much like the trailer for "Star Wars: The Last Jedi," it seems like everyone is talking about DevOps.

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**Catena: A Distributed Database Based on a Blockchain** — .. and accessible using SQL.

TOMMY VAN DER VORST **CODE**

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