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Database Weekly

Issue 171 — September 8, 2017

The Total Newbie's Guide to Cassandra — If you've not had to use Cassandra yet, this is a good entry-level primer to what it's for and how it's used.

MAXMMCKITTRICK

'Database Learning' Aims to Speed Queries — A University of Michigan team has built a tool to enable existing databases to 'learn' from user queries in order to optimize.

DATANAM

Jepsen Offers System-Wide Approach to Testing Databases at Scale — *"Jepsen is a project to analyze distributed systems under stress and to understand if concurrency problems are going to manifest..."*

MARK BOYD

Linux cloud hosting starting at 1GB of RAM for \$5/mo — Get a Linode server up and running in seconds. Simply choose your plan, distro and location and you're ready to deploy your server. Use promo code DB20 for a \$20 credit on a new account.

LINODE CLOUD HOSTING SPONSORED



Let's Build a Simple Database in C — If you really want to get under the hood, here's some pointers on creating a SQLite clone from scratch in C.

CONNOR STACK

Publishing with Apache Kafka at The New York Times — How Apache Kafka and its Streams API are used for storing and processing all the articles published by the NYT.

BOERGE SVINGEN

Relational Databases Remain Popular As Data Sources Grow — In a world rich with third party APIs and services, analytics tools, and new database technologies, RDBMS remain in the lead.

DATANAM

Building An Interactive Game of Thrones Map — A fun guide to building a Node.js API to serve a geospatial 'Game of Thrones' map, leaning heavily on Postgres (with PostGIS) and Redis.

PATRICK TRIEST

MongoDB Europe 2017 Conference (London, Nov 8)

MONGODB

Database Migrations to AWS Gaining Momentum — Over 35,000 unique databases have now been migrated to AWS using AWS DMS.

AMAZON WEB SERVICES

Percona Live Europe 2017 - Dublin (25-27 September) — Join the Open Source database community for various talks on MySQL, MongoDB, MariaDB, PostgreSQL, RocksDB & more.

PERCONALIVE EUROPE **SPONSORED**

A Song of Ice and Databases: A Game of Thrones Data Model — No plot spoilers – just a data model based on the Game of Thrones TV series.

VERTABELO

How to Integrate Spring Data JPA, PostgreSQL, and Liquibase — ..to manage the persistence layer of a Spring Boot application.

BRUNO KREBS

Tarantool vs. Redis: In-Memory Databases Face Off — Are you curious to know how Tarantool (an open source NoSQL database) stacks up against Redis? This post covers some advantages.

DZONE DATABASE

Practical Scalability Analysis with the Universal Scalability Law — The Universal Scalability Law models how systems perform as they grow. This ebook shows how to best use it.

VMDCORTEX **SPONSORED**

Ultimate List of 32 Oracle SQL IDEs Compared — A guide to help you compare Oracle IDEs and decide which one to use.

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