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Database Weekly

Issue 165 — July 28, 2017

Eliminate the Database for Higher Availability
— Ideas for reducing complexity and increasing availability by eliminating or reducing database dependency. In short, *"When databases are not required, avoid using them."*
BENJAMIN CANE

Scaling Out (Postgre)SQL
— A 15 minute talk on scaling SQL systems by distributing the computation of queries across many servers. *(Note: To watch the video, click the yellow play button.)*
MARCO SLOT VIDEO

Auth0's Move From MongoDB to DynamoDB
— A deep look at the storage system behind Auth0's serverless system and how they migrated from MongoDB to AWS's DynamoDB.
TOMASZ JANCZUK

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.
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Build Your Own City: An Open-Ended Building Game Data Model
— City-building and management games have been very popular for decades. If you were to build your own, what kind of data model could it use?
VERTABELO

A Practical Introduction to Elasticsearch
— A beginner's tutorial designed to get you experimenting with a range of Elaticsearch features.
ISMAEL HASAN ROMERO

GPU Acceleration Advancing the Evolution of Fast and Big Data
— Data warehouses and Hadoop data lakes store huge amounts of data, but what about processing it? Today's highest-performing solution is the in-memory database powered by GPUs.
DATANAMI

Running a CouchDB 2.0 Cluster in Production on AWS with Docker
GEOFF COX

Graph Databases: Living on the Edge
— A new entry level introduction to the idea of a graph database.
WILL JAYNES

Faster Pagination in MySQL: Why Order By With Limit and Offset is Slow?
EVERSQL

Database Performance Monitoring Buyer's Guide — This guide is designed to aid when evaluating database monitoring solutions for your unique environment.

VIVIDCORTEX

Computing Statistics on Terabytes of Data on Multiple Machines — How Algolia computes metrics for 2TB of logs per day.

RÉMY-CHRISTOPHE SCHERMESSER

Building A Query Parser Over A Weekend

AYENDE RAHIEN

KubeDB: Kubernetes Ready Production-Grade Databases

KUBEDB TOOLS

Continuous data delivery with SQLizer — With the SQLizer API, keeping data centralized and up-to-date in your SQL database is easier than ever.

SQLIZER

Cthulhu: Extend Redis with JavaScript Modules — Invokes commands from Redis in a JavaScript interpreter.

MARCO CECCONI CODE

Presto Ethereum Connector: Query Ethereum Blockchain Data with SQL

XIAOYAO CODE

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