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Database Weekly

Issue 117 — August 12, 2016

FEATURED

Where the Database Market Goes From Here — The database market of today looks significantly different to that of a decade ago, but Stephen O'Grady, founder of RedMonk, thinks even more change is on the horizon.

STEPHEN O'GRADY

Knuckleball: A New Data Structure Server — Reminds me of Redis. Uses a language with syntax similar to that of Smalltalk to manipulate data types like booleans, characters, integers, floats and strings, and containers like vectors, sets and dictionaries.

RODRIGO A. LIMA [CODE](#)

SQLite 3.14 Released: Now Supports CSV Virtual Tables — This “Pi release” includes a variety of performance increases and support for [CSV virtual tables](#).

SQLITE

Diagnose Query Latency with Datadog — To get to the bottom of database performance issues, you need high-resolution data from all your systems. See metrics from all your database instances, client applications, load balancers, and more with Datadog.

DATADOG [SPONSORED](#)



What Do The Olympics, Euro 2016, and Databases Have In Common? — Can you develop a system that predicts football match results? Or Olympic medal outcomes? Here's a look at a model that can store the results of matches and tournaments.

EMIL DRKUŠIĆ

Ephemeral Databases with ZFS — How the Greenhouse Engineering team brought clone time down from hours to milliseconds using Mesos, Docker, and ZFS.

DIANALIU

Sqlectron: A Simple SQL Desktop Client for Multiple Databases — A simple and lightweight SQL client desktop/terminal supporting Postgres, MySQL, and SQL Server on Linux, OS X and Windows.

SQLELECTRON [TOOLS](#)

JOBS

Stop wasting time - know what you'll earn before the interview — On Hired, sign up in 10 minutes and get offers from top companies like GitHub, Uber, & Stripe. Engineers get an average of 5 offers on the platform in 1 week.

HIRED.COM

IN BRIEF

[Open Source Tool 'Rethinks' Databases](#) — An open source tool for writing queries and modelling data for use with RethinkDB is being positioned as an alternative to developing applications using the ReQL query language.

GEORGE LEOPOLD **NEWS**

[A 'Simple Moving Objects' Database with Postgres](#) — A guide for how you can deal with geospatial objects and track them over time.

GAŠPER ŽEJN

[Sharding A Multi-Tenant App with Postgres](#)

CITUS DATA

[23 Useful Elasticsearch Example Queries](#)

TIMOJO

[Triggers in a .NET NoSQL Database](#)

BASIT ANWER

[Using legacy and modern databases in parallel to build a healthcare app](#) — Tutorial for combining auto-generated APIs from MySQL and MongoDB to build a medication tracker.

DREAMFACTORY **SPONSORED**

[ZeroDB Provides Security for Enterprise Big Data in the Cloud](#)

THE MACRO

[Realtime Data Processing at Facebook](#)

MURAT DEMIRBAS

[AWS Aurora vs. AWS RDS MySQL Checklist](#)

JACK BEZALEL

[Why Most Programmers Get Pagination Wrong](#) — *TL;DR: OFFSET pagination bad. Keyset pagination good.*

JAVAOOQ

[Concurrency Behavior: MongoDB vs. Couchbase](#)

KESHAV MURTHY

[Try Compose PostgreSQL, get a free tshirt](#) — This month we're giving away free t-shirts for new deployments of Compose PostgreSQL. Sign up and deploy a HA, 3-node Postgres cluster with daily backups and autoscaling in minutes.

COMPOSE **SPONSORED** **TOOLS**

[MaxScale: An Intelligent Database Proxy](#) — A proxy that allows forwarding of database statements to one or more servers using complex rules.

MARIADB CORPORATION **TOOLS**

[eclairjs-nashorn: JavaScript API for Apache Spark](#)

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