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## Database Weekly

Issue 160 — June 23, 2017

**MongoDB Launches Stitch, A New Backend As A Service Tool** — Sits on top of the MongoDB database and helps developers stitch together different third-party services, Mongo Charts, etc.  
MONGODB

**Squeezing Performance from SQLite with Indexes** — How indexes work in SQLite, and how to design indexes that can take your most important queries to the next level of performance.  
JASON WYATT

**How to Optimize Cassandra Database Performance** — 3 ways to ensure that your Cassandra workloads are operating at peak efficiency  
SELECTSTAR **SPONSORED**



**What Is Time-Series Data and Why Do You Need A Time-Series Database?** — A helpful primer to the world of time-series data from the creator of TimescaleDB.  
AJAY KULKARNI

**ReJSON: A JSON Data Type for Redis** — A Redis module that implements ECMA-404 The JSON Data Interchange Standard as a native data type.  
REDIS LABS **TOOLS**

**Low Hanging Fruit: Cutting AWS RDS Instance Costs in Half** — A look at how AWS RDS's (Relational Database Service) new start/stop ability makes it possible to reduce costs.  
MELVYN MATHEWS

**MariaDB Emerging as Default MySQL Option** — Debian has switched from regular MySQL to the MariaDB alternative and this shift seems to be taking place across the board.  
DATANAM

**Lessons Learned the Hard Way: Postgres in Production at GoCardless** — Postgres is the primary store behind GoCardless's payments API. Here's a 45 minute talk from PGConf covering some of their 'war stories'.  
POSTGRESQL CONFERENCE **VIDEO**

**\$20 Free Credit on a new account** — Linux cloud hosting starting at 1GB of RAM for \$5/mo. Use code DB20 for \$20 credit  
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**AWS DynamoDB Accelerator (DAX) Now Generally Available** — A managed caching service that sits in front of DynamoDB tables.

AMAZON

## **New NVMe Spec Emphasizes Data Analytics**

DATANAM

## **Top 15 Solr vs. Elasticsearch Differences**

RAFAL KUĆ

**Summer Is Here: A Travel Agency Data Model** — The latest in Vertabelo's long line of data modelling tutorials.

EML DRKUŠIĆ

## **Advanced SQL: Calculating Relationships with Correlation Matrices**

SILOTA

## **Migrating from DynamoDB to Postgres: Why and How**

MICHAEL STOLTZ

**Why Your Encrypted Database Is Not Secure [PDF]** — An academic paper out of Cornell Tech.

GRUBBS, RISTENPART, AND SHMATIKOV

## **MongoDB Pivots to Analytics**

ALEX WOODIE

## **Things You Should Be Aware Of Before using Amazon's Elasticsearch on AWS**

LIZ BENNETT

## **How AWS' Database Services Stack Up Against Oracle's**

TWAIN TAYLOR

**It's easy to version control your database alongside your application** — Connect your database to your version control system with SQL Source Control and keep track of every change.

RED GATE **TOOLS** **SPONSORED**

## **rqlite 4.0: Distributed SQLite Now with Node-to-Node Encryption**

PHILIP OTOOLE **CODE**

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