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## Database Weekly

Issue 91 — February 12, 2016

### FEATURED

**How to Think About Databases** — Extensive insights and perspective on the proper place for a database within your app's code.

NOLAN LAWSON

**The History of Hadoop in 30 Minutes** — A 30 minute audio guide to Hadoop based upon [this article](#).

SOFTWARE ENGINEERING DAILY

**Deploying a Replicated Redis Cluster on Kubernetes with Flocker** — A very extensive tutorial starting from the premise of why run Redis in Docker in the first place, through to pulling it off with Kubernetes and Flocker, a container data volume manager.

RYAN WALLNER

**One call to rule them all. DataMesh.** — DreamFactory 2 lets you manipulate data on multiple databases across multiple servers, all from one API endpoint. Instantly.

DREAMFACTORY **SPONSORED**



**Migrating Postgres to Amazon RDS Without Downtime** — The maturity of database-as-a-service providers has improved over the last 5 years. Whether [Heroku Postgres](#) or [Amazon RDS](#), there are now fewer reasons to manage your own. Here's a great guide on how The Guardian migrated with no downtime from their own hosted instance to RDS.

THE GUARDIAN

**How We Monitor and Run Elasticsearch at Scale** — Some lessons learned from monitoring and alerting on Elasticsearch in production, at scale, in a demanding environment with very high performance expectations.

MAHDI BEN HAMIDA

**BigchainDB: A Scalable Blockchain Database** — BigchainDB fills a gap in the decentralization ecosystem: a decentralized database, at scale.

ASCRIBE GMBH **TOOLS**

**Scaling A Startup Using DynamoDB: The Pros and Cons** — If you don't want to do ops on your own database, DynamoDB is a fully managed proprietary NoSQL database on the AWS platform.

RAVELIN

**Why We Chose HBase Over Other NoSQL Databases** — AppDynamics, a company that provides app performance monitoring services, needed to store huge amounts of metrics for future analysis. Here's a look at why HBase was a good fit.

GAUTAMBORAH

**The Big Data Landscape** — A gigantic searchable and sortable table of 680 companies in or related to the 'big data' ecosystem.

DAN KOZIKOWSKI

## **JOBS**

[\*\*Cassandra Infrastructure Engineer\*\*](#) — Ever had to deal with massive SSTable bloat? Come join us and help run Cassandra at scale.  
HEROKU

[\*\*Stop Applying to Jobs - Let Companies Apply to You\*\*](#) — On Hired, sign up in 10 minutes and get offers from top companies like Facebook, Uber, & Stripe. Engineers get an average of 5 offers on the platform in 1 week. Try it today.  
HIRED.COM

## **IN BRIEF**

[First Milestone Release of MySQL Cluster 7.5 Available](#) — Bringing 'Cluster's features to the 5.7 branch of MySQL.

MYSQL HIGH AVAILABILITY **NEWS**

[Apache Cassandra 3.3 Released](#)

APACHE **NEWS**

[Developer Preview: RethinkDB Now Available for Windows](#)

RETHINKDB **NEWS**

[Recovering A WiredTiger Collection From A Corrupt MongoDB Installation](#)

ALEXBEMLACQUA

[Free O'Reilly Ebook: Building Real-Time Data Pipelines](#) — Learn how to use Apache Spark and Kafka to build real-time data pipelines and database architectures for supporting real-time data workloads.

MEMSQL **SPONSORED**

[11 Things You Should Know Before Deploying MongoDB in Production](#) — Quick notes on security, backups, replication, using SSDs, and similar topics.

SANDEEP PANDA

[String Parsing in SQL](#) — A quick look at string searching methods and using regular expressions in SQL.

PERISCOPE

[SQL Server 2016: New T-SQL Features](#) — A look at 11 new SQL features in SQL Server with examples.

CODINGSIGHT

[Introduction to Hadoop \(HDFS & Map/Reduce\) for Spark Developers](#) — (Note: Two hours long and audio is a bit boomy.)

MADHUKARAPHATAK **VIDEO**

[The Bright Future of Semantic Graphs and Big Connected Data](#)

DATANAM

[What Oracle's NoSQL SQL Database Reveals](#)

GUY HARRISON

[rutil: Redis Multitool Utility](#) — Lets you selectively dump, restore and query a Redis database, peek into stored data and pretty print JSON contents.

PAMPA **TOOLS**

[DataNerd](#) — Create a free account with New Relic and get a swanky shirt for FREE!

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