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## Database Weekly

Issue 110 — June 23, 2016

### FEATURED

**ElasticSearch At Petabyte Scale on AWS** — An interesting glimpse into the practicalities behind managing a fleet of ElasticSearch clusters, some topping over a petabyte of storage.

JAMIE ALQUIZA

**NoSQL Data Stores in Research and Practice** — A very extensive slidedeck covering NoSQL foundations, motivations for its use, plus NoSQL tools and database engines themselves.

FELIX GESSERT

**Bleve: A Full Text Search Database in Go** — Bleve is an open-source full-text search database that focuses on performance low memory use. It supports numerous KV stores for its backend.

SRDJAN MARINOVIC **TOOLS**

**Working With View Models in RavenDB** — Modern app developers often work with conglomerations of data cobbled together to display a UI page. In this article, we'll look at different ways to work with view models in RavenDB, and offer practical advice on when to use each approach.

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**Aleph: A Redshift Data Analysis App** — Makes it easy for users to write SQL (complete with schema autocompletion) and get results from Redshift datasets.

ANDREW XUE **TOOLS**

**ArangoDB 3.0 Released** — ArangoDB is a multi-model DB supporting three major NoSQL data models out of the box. It has reached a major milestone with version 3 with improved clustering and 5x performance.

ARANGODB **TOOLS**

### JOBS

**The Easiest Way to Find a Job** — Hired lets you sit back while job offers come to you. When you complete your profile, instantly apply to 3,500+ companies on the platform who will contact you with job offers, including salary and equity up-front. [Try it today.](#)

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### IN BRIEF

## [PostgreSQL 9.6 Beta 2 Released](#)

POSTGRESQL.ORG **NEWS**

## [SQL Server Now Running on Linux, in a Docker Container](#) — “As of today, private preview participants can get SQL Server on Linux on Ubuntu – as a Docker image.”

MARK RUSSINOVICH **NEWS**

## [How deadlines should be used in software engineering](#) — Keen IO's co-founder and chief product officer, Ryan Spraetz walks us through how he uses deadlines in engineering to build an event-database that processes trillions of events daily.

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## [Realtime App Development with RethinkDB and React Native](#)

WERN ANCHETA

## [2 Strategies for Faceted Search with Elasticsearch](#)

TARUN SAPRA

## [Working with Timestamps and Time Zones in PostgreSQL](#)

PHILIPPE FATIO

## [We're Happy with SQLite & Not Urgently Interested in A Fancier DBMS](#) — It is a local, single user app, however.

BEETS

## [On Why RavenDB Is Written in C#](#) — RavenDB is an open source .NET database.

AYENDE RAHIEN

## [Picking SQL or NoSQL? – A Compose View](#)

DJ WALKER-MORGAN

## [Avoid These Five Big Data Governance Mistakes](#)

DATANAM

## [See inside your Redis database. New memory mapping from RedisGreen](#) — RedisGreen's new memory map models your database, helping you track down problems and gain new insights.

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## [Learn SQL Online – A Curated List of Courses](#)

PALANIAPPAN PONNIAH **TOOLS**

## [redis-tdigest: A Rank-Based Statistics Data Structure Module for Redis](#)

USMAN MASOOD **CODE**

## [Jedipus: Redis 3.2+ Java 8 Client & Command Executor](#)

JAMES EDWARDS **CODE**

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