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Database Weekly

Issue 78 — November 6, 2015

FEATURED

A List of Over 200 NoSQL Databases — Complete with short summaries. Quite a handy list.
NOSQL-DATABASE.ORG

Creating a Database Model for A Messaging System — It's always great to see how a database professional approaches the development of a data model - this time, for a notification/message system.
SHANTANU KHER

With 3.2, MongoDB Extends to New Users, Adds Enterprise Features — The latest version of MongoDB features graphical tools, business intelligence connectors and performance monitoring integrations designed to make data in the NoSQL database accessible to business analysts, data scientists, executives and other users.
CIO

Redis Performance Dashboard and Autoscaling from RedisGreen —
Ever wonder what your Redis server was actually doing? Find out with RedisGreen's dashboard and monitoring tools.
REDISGREEN **SPONSORED**



Elasticsearch 2.0.0 GA Released — The popular Lucene based search server (which essentially operates as a document database of sorts) gets a major upgrade with pipeline aggregations and hardened security.
ELASTIC

SQL Server 2016 Gets An R (language) Rating — SQL Server's next on-prem version will have built-in support for analytics written in the R language, via Microsoft's acquisition of Revolution Analytics, makers of a popular implementation of R.
INFOWORLD

Oracle Hardwires Encryption and SQL Hastening Algorithms Into Sparc M7 Silicon — Oracle execs used the final keynote of this week's OpenWorld to praise their Sparc M7 processor's ability to accelerate encryption and some SQL queries in hardware.
THE REGISTER

A Few Things About Redis Security — Redis's creator reflects on security criticisms Redis has received and how the subtly balance against usability issues.
SALVATORE SANFILIPPO

Interesting Changes in MySQL 5.7 — It gains JSON support, spatial data types in InnoDB, and better handling of Asian languages, amongst other things.
ADRIAN WIECH

Data Vault 2.0 Modeling Basics — A look at the differences between and process involved in going from an OLTP model to a *Data Vault model* of data storage.
KENT GRAZIANO

JOBS

[Want to spend less time job searching? Apply to the best startups in 60 seconds.](#) — If you're accepted, startup decision-makers will email you as soon as next Monday. You decide where to interview and where to work. Now open in SF, NYC, and remote. Join the Underdog.io platform today!

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IN BRIEF

[OrientDB Climbs the DB-Engines Ranking by 22 Positions in a Year](#) — [OrientDB](#), a multi-model graph + document database, is now in the top 50 at the #46 position.

DATAAND CO **NEWS**

[How CenterEdge Went From Black Friday Blues to Cloud Scale with Couchbase](#) — The latest in a seemingly long line of reports on Couchbase's performance.

JON REED **NEWS**

[Hortonworks Reports \\$33M in Revenue, 152 New Support Customers](#) — The Hadoop development and support company.

DATANAM **NEWS**

[Onomi Secure Funding to Build A Next Gen Database-as-a-Service](#)

SOURCEWIRE **NEWS**

[Azure SQL Database In-Memory OLTP and Real-Time Operational Analytics now in Public Preview](#)

MICROSOFT AZURE BLOG **NEWS**

[Joins and Other Aggregation Enhancements Coming in MongoDB 3.2](#)

ANDREW MORGAN

[Doing More Than 1.6M QPS \(SQL\) on MySQL 5.7 GA](#)

DIMITRI K

[How NoSQL Fundamentally Changed Machine Learning](#)

DATASCIENCE CENTRAL

[Need to monitor MySQL, Postgres, MongoDB, or RDS?](#) — Graph database performance alongside metrics from the rest of your infrastructure in real-time.

DATADOG **TOOLS** **SPONSORED**

[Kexi Project: Open Source Visual Database App Creator](#) — Currently for Linux only, Kexi considers itself to be like 'Microsoft Access for Linux'.

KEXI **TOOLS**

[SQL Tabs: A Rich \(Open Source\) SQL Console for Postgres](#) — An open source cross platform desktop client for Postgresql.

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