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## DB Weekly

Issue 61 — June 5, 2015

Supported by 

### [10 Rules for a Better SQL Schema](#)

PERISCOPE

A mixture of stylistic and practical tips for building an easy to understand and maintain schema for your SQL database.

### [Announcing Couchbase Server 4.0 Beta](#)

COUCHBASE

Includes numerous new features, the new N1QL (SQL for JSON) query language, multi dimensional scaling, global secondary indexes, a new storage engine, and more.

### [Top 7 Features Coming to SQL Server 2016](#)

REDMOND MAGAZINE

Includes Query Store, Polybase, Stretch Database, JSON support, row-level security, encryption, and in-memory enhancements.

### [Introduction to Redis Sentinel](#)

OBJECTROCKET **SPONSORED**

Redis Sentinel provides a simple and automatic high availability (HA) solution for Redis. If you're familiar with how MongoDB elections work, this isn't too far off. [Learn more about Redis Sentinel.](#)

### [Introducing N1QL: The SQL Gene in NoSQL](#)

COUCHBASE

N1QL is an SQL-like language introduced in the new Couchbase Server 4.0 (above) that brings SQL, NoSQL and JSON together.

### [SheetSQL: An SQL Engine Inside Google Sheet](#)

XUEFENG ZHU

SheetSQL builds a SQL engine into Google sheet by storing and retrieving data directly in Google Sheet.

### [Graph Databases Seen 'Connecting the Dots'](#)

DATANAMI

Graph databases are increasingly seen as a way to “connect the dots” as enterprise applications emerge requiring the linking of huge datasets.

### [YeSQL: Battling the NoSQL Hype Cycle with Postgres \[PDF\]](#)

BRUCE MOMJIAN

This talk explores how new NoSQL technologies are unique, and how existing relational database systems like Postgres are adapting to handle NoSQL workloads.

### [Can Anyone Provide A Sound Argument for Choosing MySQL Over Postgres?](#)

HACKER NEWS

It's not easy, but some people fight MySQL's corner pretty well.

## Jobs

- **Database Administrator (Blacksburg, VA)** Rackspace is seeking a Senior Database Administrator in our Blacksburg, VA office. The Senior DBA will be responsible for maintaining the company's database systems (currently MS SQL Server) including back-up, performance tuning, capacity planning, monitoring critical events and documentation. [Learn More.](#)

RACKSPACE

## In brief

- **NoSQL Champ MongoDB Plugs Into SQL Analytics Power** **NEWS**  
"MongoDB is tapping the power of business intelligence and data visualisation, working on a connector for SQL-compliant data analysis tools."  
[THE REGISTER](#)
- **Forecast Pegs Data Market at \$115B by 2019** **NEWS**  
[DATANAMI](#)
- **Spark Gets New Machine Learning Framework: KeystoneML** **NEWS**  
KeystoneML is designed to be a faster and more sophisticated alternative to SparkML.  
[DATANAMI](#)
- **Oracle, MySQL, Cassandra and MongoDB Among Developers to Benefit from Couchbase's N1QL** **NEWS**  
"N1QL brings the power of SQL to the document data model, which removes one of the biggest barriers to broader enterprise adoption of NoSQL."  
[COUCHBASE](#)
- **Survey Casts Doubt on Big Data, Hadoop Efforts** **NEWS**  
[DATANAMI](#)
- **SQL Server 2016: In-Memory Columnstore Indexes** **NEWS**  
[INFOQ](#)
- **The #1 Enemy of Data Loading in SQL Server** **TUTORIAL**  
[MATAN YUNGMAN](#)
- **How Okta Chased Down Severe System CPU Contention in MySQL**  
Alook at how the kernel mutex was slowing down a MySQL install.  
[OKTA DEVELOPER](#)
- **PostgreSQL: The Good, The Bad, and The Ugly** **OPINION**  
[JONATHAN CORBET](#)
- **SQL Is Alive And Well** **OPINION**  
A slightly odd interview that ties SQL's future success into the increasing role of distributed systems.  
[READ WRITE](#)
- **SQLPro for Postgres: A Mac OS X Postgres Manager** **TOOLS**  
This beta is available for free.  
[HANKINSOFT DEVELOPMENT](#)

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