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## DB Weekly

Issue 59 — May 22, 2015

Supported by 

### [MemSQL 4 Released, Available in New 'Community Edition'](#)

MEMSQL

MemSQL is a real-time database for transactions and analytics and it's now open to everyone in the form of a free 'community edition' release.

### [The Sea of SQL](#)

THE DAILY WTF

A 4986 character SQL query with surprisingly little duplication. If you fancy trying to work out what a query is doing in your lunch hour, start here.

### [JSON Support Coming to SQL Server 2016](#)

MICROSOFT

NoSQL continues to have an impact outside of its niche with Microsoft rolling JSON support into SQL Server. Jovan Popovic shows off how it'll work.

### [See What Tinder is doing to Scale their MongoDB](#)

RACKSPACE

Watch as Tinder CTO, Ryan Ogle, as he gives you an inside look into their IT strategy and the real-world solutions that are helping them scale their business, manage big data, and navigate digital trends. [View Now](#).

### [Top 10 Data Mining Algorithms in Plain English](#)

RAYMOND LI

Covers C4.5, k-means, SVM, PageRank, Bayes and others. If you want simple, straightforward explanations, check it out.

### [Yahoo's MySQL Performance Analyzer](#)

YAHOO INC.

MySQL Performance Analyzer is an open source, Java-based project for MySQL performance monitoring and analysis.

### [SQL MERGE Is Quite Distinct From UPSERT](#)

PETER GEOGHEGAN

Why is Postgres pursuing a non-standard variant of UPSERT rather than SQL's MERGE? A developer explains why: they're quite different things.

### [Your Data Fits in RAM](#)

HACKER NEWS

Some discussion around the implications of a recent [tweet](#) by Gary Bernhardt leaning on the idea that servers with 6TB of memory can help alleviate 'big data problems'.

## Jobs

- **Senior Database Administrator (Austin, TX)** ObjectRocket by Rackspace is seeking a Mid-to-Senior level DBA to join our Engineering team to work on our scalable, highly-available DBaaS platform. Anyone can manage a single application - we manage and maintain thousands of production databases supporting billions of operations. You'll be part of a highly capable and motivated team working on solving the hard problems of scalability, availability, and performance on a global platform. [Apply here](#).

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## In brief

- [In-Database R coming to SQL Server 2016](#) **NEWS**  
"With this update, data scientists will no longer need to extract data from SQL server via ODBC to analyze it with R. Instead, you will be able to take your R code to the data."  
[REVOLUTION ANALYTICS](#)
- [A Lockbox in The Cloud: Microsoft Research Project Reveals New Method for Keeping Data Private](#) **NEWS**  
[NEXT AT MICROSOFT](#)
- [Workload Analysis with MySQL's Performance Schema](#) **TUTORIAL**  
[GITHUB ENGINEERING](#)
- [Getting the First Row per Group 5X Faster \(with SQL\)](#) **TUTORIAL**  
[PERISCOPE](#)
- [Think Twice, Join Once: Distinct On in PostgreSQL](#) **TUTORIAL**  
[NOEL HERRICK](#)
- [Using MySQL's Experimental HTTP API with Ruby](#) **TUTORIAL**  
[ILYA BYLICH](#)
- [Why The Hate for MS Access?](#) **OPINION**  
[REDDIT](#)
- [Faster Responses: Data and Query Caching using Redis](#) **OPINION**  
[SHIVANG DOSHI](#)
- [Why Auto Increment Is A Terrible Idea](#) **OPINION**  
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