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## DB Weekly

Issue 60 — May 29, 2015

Supported by 

### [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.

### [Content Recommendation From Links Shared on Twitter Using Neo4j and Python](#)

WILLIAM LYON

A look at how to use a graph database to implement a feature that recommends articles to users based on other articles they've shared on Twitter.

### [Modelling a Game Economy with Neo4j](#)

YAN CUI

A look at some of the concepts behind modelling the economy within a game using a graph database.

### [Which Database Should You Use and When?](#)

BRIGHTTALK **SPONSORED**

Check out this webcast recording which covers a range of database technologies from MySQL/Percona to Hadoop, Mongo, and Redis. You'll learn how you can fit all of these technologies together to make your data flow seamlessly between them and optimize your database performance. [View Now](#).

### [Couchbase Server Hits 1M Writes/sec with 3B Items with 50 Nodes On Google Cloud](#)

COUCHBASE

"Couchbase Server was able to sustain 1.1 million writes per second. The data set size was 3 billion items with a value size of 200 bytes."

### [Adobe Migrated An Activity Feed from Mongo to Cassandra](#)

MARK DUMPHY

And got a 70% cost savings. Why and how?

### [The WITHIN GROUP and FILTER SQL clauses of PostgreSQL 9.4](#)

2ND QUADRANT

Sometimes complex orderings then calculations over data can be a bit complicated in SQL. Postgres 9.4 quietly brought a few new functions that make it more powerful and easier to iterate over groups of data for things like percentiles and more.

### [Temporal in SQL Server 2016](#)

CHANNEL 9

Temporal in SQL Server is designed to simplify the handling of time-varying data. It provides the ability to look at data trends, types of data changes, and the overall data evolution within your database.

## 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

- [Microsoft's Study into NoSQL Usage for .NET Applications](#) **NEWS**  
If you can help Microsoft's Data Platform Team, check out this survey.

- [PostgreSQL 9.4.2, 9.3.7, 9.2.11, 9.1.16, and 9.0.20 Released](#) **NEWS**  
POSTGRESQL.ORG
- [Postgres Pushes Past MySQL in Developers' Hearts](#) **NEWS**  
TECHREPUBLIC
- [MySQL 5.7's Key Features](#) **NEWS**  
MUHAMMAD IRFAN
- [SQL Server to add JSON Support](#) **NEWS**  
INFOQ
- [Collaborative Filtering Recommender System Use Case Scenario in OrientDB](#) **TUTORIAL**  
A way of using a graph database like OrientDB for building a recommendation system.  
WILDGRAPH
- [Preventing SQL Injection in PHP Applications - the Easy and Definitive Guide](#) **TUTORIAL**  
PARAGON INITIATIVE ENTERPRISES
- [Typechecking SQL in Slick and doobie \(in Scala\)](#) **TUTORIAL**  
RICHARD DALLAWAY
- [SQL Server Radio: An SQL Server Podcast](#)  
MADEIRA SQL SERVER SERVICES
- [3 Must-Read Books About Database Performance](#)  
DATABASE FRIENDS
- [A Review of Kent Graziano's 'A Check List for Doing Data Model Design Reviews'](#) **OPINION**  
GRZEGORZ KACZOR
- [Simple Scheduled Backups for MongoDB](#) **TOOLS**  
AFSHIN MEHRABANI
- [Awesome MySQL: A Curated List of MySQL Resources and Tools](#) **TOOLS**  
SHLOMI NOACH
- [elasticsearch-sql: Use SQL to Query Elasticsearch](#) **CODE**  
Query elasticsearch using familiar SQL syntax. You can also use ES functions in SQL.  
NLPCHINA
- [mgfs: Mount A MongoDB Database As A Filesystem](#) **CODE**  
AMIN
- [Reqlite: RethinkDB in JavaScript](#) **CODE**  
An implementation of a ReQL server in JavaScript.

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