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DB Weekly

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Supported by 

[Defusing Database Time Bombs: Avoiding the Need to Refactor Databases](#)

THOMAS LEBLANC

Where applications evolve gradually, challenges to database development can arise. If designed too loosely, schemas can become harder and harder to refactor until they constitute a database 'time bomb.' Thomas LeBlanc describes how to avoid a few basic, but very common, database time bombs.

[Why SQLite's Temporary File Prefix is 'etilqs_', not 'sqlite_'](#)

GITHUB

You'd never guess the reason, but it's a funny piece of history and an example of how simple things in code can have real life consequences.

[The Battle against Patent Trolls Starts Again](#)

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Everyone hates patent trolls, but we can only fight them one at a time. Solving the patent troll problem for everyone requires changing the system that aids and encourages troll behavior. Read more on the Innovation Act that was recently re-introduced to Congress.

[GraphpostgresQL: GraphQL for Postgres](#)

JASON DUSEK

GraphQL is a data querying language designed to describe the complex, nested data dependencies of modern applications. Essentially, a graph interface to relational data.

[Pinterest Open Sources 'Pinball', a Data Workflow Manager](#)

PINTEREST

[Why Presto is the Best SQL-On-Hadoop You Haven't Heard Of](#)

TREASURE DATA

Presto is an open source, in-memory distributed SQL query engine developed by Facebook.

[Introducing Apache Spark 1.3](#)

PATRICK WENDELL

A powerful open source processing engine that provides easy-to-use APIs for operating on large datasets.

[Why We Built ActorDB](#)

BIOKODA

ActorDB is a distributed SQL database with linear scalability that aims to have no single point of failure.

[Goodbye MongoDB, Hello PostgreSQL](#)

YORICK PETERSE

Mongo offers developers a lot of agility but data often has structure that needs to be managed in a more relational way. Here's an interesting and detailed story of someone moving from Mongo to Postgres highlighting the why and how.

Jobs

- **Customer Data Engineer** Rackspace is seeking a Customer Data Engineer. To do this successfully you'll be switching hats often, from Systems Administrator resolving a configuration problem on a machine, to DBA digging into production databases to identify issues, to Software Developer troubleshooting customer code. You'll have the opportunity to work with a broad range of technologies – MongoDB, MySQL, Redis, and Hadoop in particular. [Apply here.](#)

RACKSPACE

- **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 Azure Delivers NoSQL Storage via DocumentDB** **NEWS**
TECHREPUBLIC
- **MySQL 5.7 Includes CJK Full Text Parsing** **NEWS**
MYSQL
- **SQL-like Query Language for Real-time Streaming Analytics** **OPINION**
SRINATH PERERA
- **Why I Don't (Yet) Recommend In-Memory OLTP to My Customers** **OPINION**
Warning: Autoplays music for some reason.
KLAUS ASCHENBRENNER
- **A Report on Redis Conference 2015** **OPINION**
SALVATORE SANFILIPPO
- **SQLAlchemy 1.0.0 Beta 1 Released** **CODE**
SQLAlchemy is a Python SQL toolkit and Object Relational Mapper that gives application developers the full power and flexibility of SQL.
SQLALCHEMY
- **db.py 0.4: Handlebars Meets SQL (in Python)** **CODE**
YHAT
- **goqu: An Expressive SQL Builder and Query Library for Go** **CODE**
Aims to make the generation of SQL easy, provides a DSL for the most common SQL expressions, and has a simple query API too.
DOUG MARTIN

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