DB Weekly

Database Weekly

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FEATURED

Noms: A Versioned, Forkable, Syncable Database — Includes two implementations, one in Go, one in JavaScript. There's also a post with the back story. Noms' creator, Attic Labs, has also just raised $8.1m.
ATTIC LABS `CODE`

On Uber's Choice of Databases — Last week Uber's story of its move away from Postgres to MySQL got a lot of attention. This week we saw a few well reasoned responses from the Postgres community including this one.
MARKUS WINAND

Using AI to Build A Comprehensive Database of Knowledge — A 30 minute podcast interview with Mike Tung on large-scale structured data extraction, intelligent systems, and the importance of knowledge databases.
O'REILLY DATA PODCAST

Create a new app, free. — Have an app idea and want to see if it'll fly?
MICROSOFT AZURE `SPONSORED`

Introduction to SQL Server Stretch Database — SQL Server's new *Stretch Database* feature provides a *cross-premises database* where part is in a local SQL Server and the remainder on Azure.
MARCIN POLICHT

gh-ost: GitHub's Online Schema Migration Tool for MySQL — gh-ost was developed by GitHub to provide an ops-friendly, auditable solution to changing MySQL tables on production systems.
GITHUB ENGINEERING `TOOLS`

Tips for Starting With AWS Redshift — Redshift is Amazon's fully managed, petabyte-scale data warehouse service. Here are 3 tips and tricks learnt from starting up a Redshift pipeline.
CURALATE ENGINEERING BLOG

JOBS

Stop Applying to Jobs - Let Companies Come To You — On Hired, engineers typically get 5+ job offers in 1 week. Find that new opportunity you've been craving and get access to 4,000+ companies instantly.
HIRED.COM

IN BRIEF

[PostgreSQL 10 Development Kicks Off](#) — The next major release of Postgres (after 9.6) will be known as PostgreSQL 10 and development is getting underway.
PETER EISENTRAUT `NEWS`

[RavenDB 3.5 Release Candidate Available](#)
OREN EINI `NEWS`

[Navigating The World of Modern Data Stores and NoSQL](#) — IBM is offering up a free ebook *A Field Guide to the World of Modern Data Stores*.
DOUGLAS FLORA `NEWS`

[Apache Flink Gears Up for Emerging Stream Processing Paradigm](#) — Flink 1.1.1 will bring a new SQL interface for working with streaming data.
ALEX WOODIE `NEWS`

[Apache Kudu: A Fast Columnar Data Store for Hadoop](#)
SUSAN HALL `NEWS` `TOOLS`

[New Release of dbbench Streamlines Database Workload Testing](#) — A new version of dbbench is now available, as well as a package of high-level tools to enhance it.
ALEX REECE `NEWS`

[Azure SQL Database New Premium Performance Level P15 Generally Available](#) — A new, higher level of Azure SQL performance now available.
MICROSOFT `NEWS`

[How to Setup a Highly Available Multi-AZ Cassandra Cluster on AWS EC2](#)
HIGH SCALABILITY

[The Guts N' Glory of Database Internals: Merging Transactions](#)
AYENDE RAHIEN

[A Basic Introduction to MongoDB](#) — A guide to MongoDB, the open source document-oriented database.
SANJEEV MURPHY

[Automating NoSQL Database Builds](#) — *"A 'Python to the Rescue' Story That Never Gets Old"*
STEVEN F. LOTT

[Generating Recommendations at Amazon Scale with Apache Spark and Amazon DSSTNE](#)
AMAZON

[How to Steal Any Developer's Local Database](#) — Locally running services are accessible by any website you visit, making it possible for bad guys to steal the data you have locally.
BOUKE VAN DER BIJL

[Introduction to Distributed Computing Engines for Data Processing](#) — Brief introduction to get a basic familiarity with Map/Reduce, Spark & Flink.
SIMONE ROBUTTI `VIDEO`

[Big Data Acronyms and Abbreviations Every Data Pro Should Know](#)
REMY ROSENBAUM

[6 Points to Compare Python and Scala for Data Science using Apache Spark](#)
GIANMARIO SPACAGNA

[8 Ways To Be Successful With Microsoft Azure SQL Database](#) — Strategies that you want to consider when moving to Microsoft Azure SQL Database.

THOMAS LAROCK

[API automation for any database](#) — Instant dev portal from any SQL or NoSQL data source.

DREAMFACTORY `TOOLS` `SPONSORED`

[Introducing Tgres: A Postgres-Based Time Series DB](#)

GREGORY TRUBETSKOY `TOOLS`

[Shift: An App to Run Online Schema MySQL Migrations](#) — Uses a Go agent and a Rails app to control things.

SQUARE `TOOLS`

[apgdiff: Another PostgreSQL Diff Tool](#) — A free database schema diff tool and how to use it.

STARTNET `TOOLS`

[Have you got SQL fingers?](#) — Try SQL Prompt and you'll be able to write, refactor, and reformat SQL effortlessly in SSMS and Visual Studio. <u>Find out more.</u>

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