Database Weekly

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FEATURED

Amazon Athena: Serverless Interactive Query Service — A new serverless, interactive query service on AWS that makes it easy to analyze data stored on S3 using standard SQL.

AMAZON WEB SERVICES   TOOLS

Announcing the General Availability of MongoDB 3.4 — 3.4 adds a new aggregation pipeline stage for recursive lookups on graph queries, support for the decimal data type, faceted navigation support, and more. Release notes here.

MONGODB

Amazon Adds Postgres Compatibility to Aurora — Aurora began life as a MySQL-compatible high performance cloud database - now it's compatible with Postgres.

AMAZON

Estimating CPU Per Query With Weighted Linear Regression — It's sometimes impossible to answer what's consuming resources like CPU, IO, & memory in a complex software. This ebook explains how a specialization of ordinary linear regression gives useful answers to seemingly unsolvable database questions.

VIVIDCORTEX   SPONSORED

ToroDB: Open Source NoSQL Database That Runs On Top of A RDBMS — Speaks the MongoDB wire protocol but stores data in an ACID database. There's also *Stampede* which can replicate data real time from MongoDB to an SQL database for BI use.

TORODB   CODE

Tera: A High-Perf Distributed NoSQL Database — A project from Baidu billed as 'an Internet-scale database' inspired by Google's BigTable and designed for real-time applications working at up to petabyte scale.

BAIDU   CODE

ReasonDB: A Native Syncing Object Database with An SQL Like Syntax — A native JavaScript auto-synchronizing object database with a SQL like syntax and persistence engines for both the browser and Node.

SIMON Y. BLACKWELL   CODE

CHAR(16) Conference: A Data Scalability Event in NYC (Dec 6) — Showcasing the significant developments that leading PostgreSQL engineering teams have made in the areas of clustering, high availability and replication. Use code DBW50 for $50 off your ticket price.

CHAR CONFERENCE

JOBS

IN BRIEF

[AWS Now Offering Trucks to Move Your Data to Its Cloud](#) — For working at petabyte and exabyte scales.
VENTUREBEAT `NEWS`

[DataGrip 2016.3 Released: A Database IDE for SQL Developers](#)
JETBRAINS `NEWS`

[ArangoDB Closes 2.2 Million Euro Investment Led by Target Partners](#)
ARANGODB `NEWS`

[Embattled Redshift Gets Analytics Backing](#)
DATANAMI `NEWS`

[Amazon Aurora and Amazon RDS for PostgreSQL Are Now HIPAA-Eligible Services](#) — Great news if you're in the US healthcare industry.
AMAZON WEB SERVICES `NEWS`

[Database monitoring for any stack, at any scale](#) — Datadog integrates with 150+ infrastructure technologies, including MySQL, Postgres, MongoDB, and Amazon RDS.
DATADOG `SPONSORED`

[A Database Model for Action Games](#) — Vertabelo are back with one of their great database modelling articles.
VERTABELO

[How to Start Building An App using SQL Server](#) — Choose your language and operating system and get custom instructions.
MICROSOFT

[Deep Dive Into Hash Indexes for In-Memory OLTP Tables](#)
KALOYAN KOSEV

[Installing SQL Server on Linux + Connecting and Running Queries From Linux](#)
DENIS GOBO

[Real-Time Event Aggregation at Scale using Postgres with Citus](#)
CITUS DATA

[Get Started with SQL Server with Node on macOS, Linux or Windows](#) — A set of simple walkthroughs from Microsoft.
MICROSOFT

[CockroachDB Stability Post-Mortem: From 1 Node to 100 Nodes](#)
COCKROACHDB

[How to Make Your Database 200x Faster Without Having to Pay More?](#) — A look at producing faster 'almost perfect' answers in analytics/BI scenarios.
HIGH SCALABILITY

[Rump: Hot Sync Two Redis Servers using Dumps](#)
STICKER MULE `TOOLS`

[Database-as-a-Service](#) — Quickly and easily deploy your database with Compose. Free for 30 days.

COMPOSE `TOOLS` `SPONSORED`

[GEM: A GUI for Data Modeling with Elasticsearch](#)

APPBASE `TOOLS`

[JSON-Splora: GUI for Editing, Visualizing, and Manipulating JSON Data](#) — Built with Electron and Node.

WELLS JOHNSTON `CODE`

[Redis Docker: A Ready-to-Use Redis Environment on Docker](#)

TIMOTHEE TOSI `CODE`

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