DB Weekly

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Supported by

MongoDB 3.0 Released: A Significant Release

MONGODB

Includes a new flexible storage architecture, security enhancements, a richer query language, performance and efficiency gains, and more.

Airbnb Open Sources SQL Tool Built On Facebook's Presto Database

GIGAOM

Designed to make it easier for novices to write SQL queries by giving them access to a visual interface, previews of the data they're accessing, and the ability to share and reuse queries.

SponsorHub's Big Data Analysis Offers Incisive Brand Revelations

RACKSPACE   SPONSORED

SponsorHub looks at social data to figure out how consumers actually feel about certain teams, athletes, etc. They go beyond "like, dislike, neutral" and drill down into specific emotions. From there, they generate scores that help customers decide whether to hire a certain athlete as a sponsor, Learn more about what SponsorHub is doing with Big Data analytics.

rlite: A Serverless Redis-Compatible Database Engine

SEBASTIAN WAISBROT

As SQLite is to a full SQL-based RDBMS, so rlite is to Redis. It's a self-contained, serverless, zero-configuration, transactional Redis-compatible database engine.

Graph DBMS Increase in Popularity by 500% Within 2 Years

DB ENGINES

Graph DBMS show an extraordinary momentum and are making their way into enterprises.

Turning The Database Inside-Out with Apache Samza

MARTIN KLEPPMANN

Introduces Apache Samza, a distributed stream processing framework developed at LinkedIn, which the speaker claims can turn the typical database paradigm inside out.

ForerunnerDB: High Performance NoSQL In-Browser Database

FORERUNNERDB

Uses a simple JSON-based query language based on MongoDB's query language, persistently stores data across page loads, open source, but costs money for commercial use.

Jobs

- **MongoDB Administrator (Austin, TX)** ObjectRocket is seeking a Mid-to-Senior level DBA to join our Engineering team to work on our scalable, highly-available MongoDBaaS 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.
  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 Details Its Azure DocumentDB Cloud Database Ahead of April Launch** `NEWS`
  VENTUREBEAT

- **Fujitsu Adding Column-Oriented Processing Engine to PostgreSQL** `NEWS`
  Fujitsu is working on a vector-processing-based, column-oriented storage engine for analyzing data stored in a Postgres database.
  DATANAMI

- **Neo4j 2.2-RC1 Released** `NEWS`
  NEO4J

- **With $3M In Funding, Airtable Makes Complex Databases Usable On Your Mobile Phone** `NEWS`
  TECHCRUNCH

- **MongoDB 3.0 and MongoDB Ops Manager are Now Generally Available** `NEWS`
  MONGODB

- **Where Does InfiniDB Go From Here?** `NEWS`
  DATANAMI

- **Introduction to Automating Deployment of SQL Server in Azure IaaS Virtual Machines** `TUTORIAL`
  DATABASE JOURNAL

- **Using the ROLLUP, CUBE, and GROUPING SETS Operators in SQL Server** `TUTORIAL`
  DATABASE JOURNAL

- **Why Are Geospatial Databases So Hard To Build?** `OPINION`
  J. ANDREW ROGERS

- **Is PostgreSQL Your Next JSON Database?** `OPINION`
  A look at how JSON in Postgres can work well for you.
  COMPOSE

- **My Weirdest Database Experience** `OPINION`
  AGNIESZKA KOZUBEK-KRYCUŃ

- **Salt: Combining ACID and BASE in a Distributed Database**
  A look at an academic paper.
  MURAT

- **Evaluation of Contemporary Graph Databases for Efficient Persistence of Large-Scale Models [PDF]**
  JOURNAL OF OBJECT TECHNOLOGY

- **m2bk: A Command Line Tool to Simplify MongoDB Backups** `TOOLS`
  ALEJANDRO RICOVERI

- **Graphene: A Drop-in Graph Database for PHP and MySQL** `CODE`

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