DB Weekly

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Supported by

An Introduction to Apache Spark

RADEK OSTROWSKI

A good and reasonably broad overview of what Spark is (a fast engine for large-scale data processing) and the why and how of its use.

Apple Acquires Durable Database Company FoundationDB

TECHCRUNCH

Apple acquisitions are always interesting to see, but especially when it's for a company producing an innovative NoSQL solution. (It was the database that famously boasted of a benchmark hitting 14 million random writes per second.)

Formatting SQL to Increase Productivity

MPUMELELO MSIMANGA

Databases don't care how your SQL 'looks' as long as it's valid, but formatting it in certain ways can make it easier for humans to work with.

The Growing Market for Managed Cloud

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With the cloud landscape continuing to mature, we see the cloud market bifurcating into two segments. The first segment is unmanaged infrastructure that we know today as IaaS. The other segment is cloud that includes managed services, also known as managed cloud. Learn more as to what the differences are between the two.

Vitess: Tools to Assist in Scaling MySQL Databases for the Web

GOOGLE

Vitess is a storage platform for scaling MySQL that combines important MySQL features with the scalability of a NoSQL database. Google uses it within YouTube's infrastructure.

An Ode to 17 Databases in 33 Minutes

RAILSCONF

Toby Hede presents a whirlwind tour of a variety of database technologies and systems.

Five NoSQL Predictions for 2015

INSIDEBIGDATA

Jon Bakke of MarkLogic lists his top 5 predictions for NoSQL in 2015, including NoSQL eclipsing Hadoop and a decline in funding for open source solutions.

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

- **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

In brief

- **Neo4j 2.2.0 Released with Massive Write & Read Scalability** `NEWS`
  Up to 100 times higher write throughput is boasted.
  NEO4J

- **Couchbase Connect 2015 Call for Papers** `NEWS`
  Takes place in Santa Clara on June 2-4. You have a few weeks to get a proposal in.
  COUCHBASE

- **MongoDB 2.6.9 Released** `NEWS`
  MONGODB-USER

- **NoSQL Data Modeling Techniques** `TUTORIAL`
  There's a lot here.
  HIGHLY SCALABLE BLOG

- **Try SQL: A New CodeSchool Course** `TUTORIAL`
  CODESCHOOL

- **NULL in SQL: Explaining Its Behavior** `TUTORIAL`
  TECH.PRO

- **7 PostgreSQL Data Migration Hacks You Should Be Using (But Aren't)** `TUTORIAL`
  ALI ANARI

- **Dirty PostgreSQL Database? Clean it up with a VACUUM** `TUTORIAL`
  VERTABELO

- **How to use a Google Spreadsheet as a Database for Webapps** `TUTORIAL`
  DON PINKUS

- **The History of Lossless Data Compression Algorithms**
  ENGINEERING AND TECHNOLOGY HISTORY WIKI

- **Why We Chose Redshift (Amazon's Data Warehousing Solution)** `OPINION`
  AMPLITUDE BLOG

- **Never Say 'No' to Direct Database Access** `OPINION`
  GABOR SZATHMARI

- **SqlPad: A Web App for Running SQL Queries and Visualizing The Results** `TOOLS` `CODE`
  Written in Node.
  RICK BERGFALK

- **RestifyDB: Expose Databases as REST Web Services** `TOOLS`
  Available in both open source and commercial forms.
  DANIEL CHIRITA

- **LokiJS: A Fast, Lightweight JavaScript In-Memory Database** `CODE`
  TECHFORT

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