DB Weekly

Database Weekly

Issue 92 — February 19, 2016

FEATURED

Five Online Database Modelling Services — Browser technology has progressed so rapidly that online database modelling tools have become viable. Are they good enough to use now? Robert Sheldon finds out.

ROBERT SHELDON `TOOLS`

Using Cassandra for Analytics: A Performance and Storage Analysis — Comparing the effects of storage format, modeling/filtering, caching, and other effects on analytical query speed and storage cost in Apache Cassandra.

EVAN CHAN

Spark Rises to Become Most Active Open Source Project in Big Data — Adoption interest in Spark has topped MapReduce, says a new survey. What's supporting interest is the need for speed, boosting agility, and revenues.

TECH REPUBLIC

Database Compatibility for Oracle Explained — Learn how organizations can reduce their database spend by 80% or more by deploying EDB Postgres in place of traditional database solutions like Oracle, according to calculations in a recent Gartner report.

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18+ Best Online Resources for Learning SQL and Database Concepts

PATRYCJA DYBKA

How to Perform Random Queries on MongoDB — A common problem across all types of database, MongoDB 3.2 now has a $sample operator that implements a native random sample operation over a collection data set.

NORBERTO LEITE

10 Tips for Integrating NoSQL Databases in Your Business — NoSQL databases provide the agility, scalability, performance and availability to support many applications today, but implementing them is not always easy. Here are 10 tips for integrating NoSQL systems in your organization.

CIO

mysqldump-secure: A MySQL Backup Tool with Security in Mind — Encryption is done before the backup file is written to disk to avoid possible race conditions.

CYTOPIA `TOOLS`

Design Your Database for Flexibility — "One of the biggest lessons I've learned is to spend extra effort thinking about the database when setting out to build something new."

DAN GOLDIN

Using GraphQL with NoSQL database ArangoDB — GraphQL is a Facebook-created query language for requesting datasets over the Web (it essentially provides an alternative to REST APIs). As a multi-model database, it's possible to get it working with ArangoDB.

ARANGODB

JOBS

[Cassandra Infrastructure Engineer](#) — Ever had to deal with massive SSTable bloat? Come join us and help run Cassandra at scale.

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IN BRIEF

[SQLite Release 3.11.0 Released](#) — Numerous optimizations and improved durability.
SQLITE `NEWS`

[Databricks Community Edition: Apache Spark for All](#) — A free version of Databricks' cloud-based Spark platform. Aimed at anyone who wants to learn Spark.
DATABRICKS `NEWS`

[Amazon RDS Now Supports Sharing Encrypted Database Snapshots with Other AWS Accounts](#)
AMAZON `NEWS`

[What Design Thinking Means for Data and Analytics](#)
DATANAMI `NEWS`

[Apache Announces 'Arrow' as a Top-Level Project](#) — Apache Arrow establishes a de-facto standard for columnar in-memory processing and interchange.
APACHE SOFTWARE FOUNDATION `NEWS`

[Free O'Reilly Ebook: Building Real-Time Data Pipelines](#) — Learn how to use Apache Spark and Kafka to build real-time data pipelines and database architectures for supporting real-time data workloads.
MEMSQL `SPONSORED`

[Bigram Frequencies in Pure SQL](#)
PERISCOPE

[How to Migrate a Google App Engine Datastore to SQL using Go](#)
ROMAN KUSHNARENKO

[Hacking Microsoft SQL Server Without a Password](#) — "What I found was that with a little packet hacking, I could take control of a Microsoft SQL Server box without having any stolen credentials using a Man in the Middle style attack."
ANITIAN

[Securing MongoDB Part 3: Database Auditing and Encryption](#)
MAT KEEP

[Neo4j + Cassandra: Transferring Data from a Column Store to a Property Graph](#)
WILLIAM LYON

[SQL Server Unit Testing with tSQLt Framework](#)
{CODING}SIGHT

[jOGlenn Paulley Gives Insight into SQL's History](#)
JOOQ TUESDAYS

[DB Browser for SQLite](#)
SQLITEBROWSER.ORG `TOOLS`

[awesome-elasticsearch: A Curated List of Elasticsearch Resources](#)
DMYTRO ZHARII `TOOLS`

[Accelerate Mobile App Dev](#) — Telerik webinar featuring Forrester, Wednesday, March 9. Join free webinar.
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