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Database Weekly

Issue 102 — April 28, 2016

FEATURED

10 SQL Tricks That You Didn't Think Were Possible — A fun, and very extensive, walkthrough of the possibilities and properties of SQL you may have overlooked.
LUKAS EDER

What I Learned From Programming Databases — “Programming a database is possibly the most instructive project one can ever complete as a software developer.”
PHILIP OTOOLE

Neo4j Pushes Graph DB Limits Past a Quadrillion Nodes — “There is effectively no limit to the sizes of graphs that people can run with Neo4j 3.0,” said Philip Rathle of Neo.
DATANAM **TOOLS**

Open Source Rising: Rapidly Building Adoption with Postgres on IBM POWER8, Red Hat — Learn more about RapidBuild program that supports the adoption of Postgres with a tuned, configured, price-performance solution developed by trusted ecosystem partners IBM, Red Hat, EDB, and reseller Avnet.
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Managing the New York Stock Exchange with SQL Server — An interview with Lior King, DBA Team Manager at Intercontinental Exchange (ICE), the company who manages the New York Stock Exchange.
SQL SERVER RADIO

Power Tools: Sorting Through The Crowded Specialized Database Toolbox — With so many choices today, matching the right database to the requirements isn't getting any easier.
ARS TECHNICA

Training Firm's Unexpected Growth Exposes Weakness of Relational Tech — The tale of how one company ran into problems as they rapidly scaled.
DATANAM

Inside Capacitor, BigQuery's Next-Gen Columnar Storage Format — BigQuery / Dremel engineer Mosha Pasumansky deep dives into BigQuery storage. He discusses how the new Capacitor storage engine improves efficiency.
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IN BRIEF

[Azure SQL Database Now Supports Powerful Geo-Replication Features for All Service Tiers](#)

MICROSOFT **NEWS**

[Neo4j 3.0 Released: Three Top Things to Look For](#)

PHILIP RATHLE **NEWS**

[12 Common Mistakes While Backing Up Databases](#)

ALEXEY KOVYAZIN

[How Gitter Saved \\$600 Per Month with MongoDB Point-in-Time Recoveries](#)

GITTER

[Effective Elasticsearch Plugin Management with Docker](#)

TYLER LANGLOIS

[Data Warehouse Modeling: The Snowflake Schema](#)

EML DRKUŠIĆ

[What PostgreSQL Tells You About Its Performance](#)

OK I GIVE UP

[A 2 Minute Intro to the MySQL Document Store](#) — MySQL Document Store lets you work with relational tables and schema-less JSON collections in parallel.

YOUTUBE **VIDEO**

[Your Technical Documentation Should Be a Graph: Here's Why](#)

AXEL MORGNER

[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. [Find out more.](#)

SQLPROMPT **TOOLS** **SPONSORED**

[ThingieQuery: An SQL Plugin/IDE for Excel](#) — An Excel plugin that lets you do things using SQL on Excel spreadsheets.

THINGIEQUERY **TOOLS**

[JetBrains DataGrip: A New IDE for Databases and SQL](#)

JETBRAINS **TOOLS**

[Apache Geode: A Real-Time, Consistent Data Management Platform](#)

APACHE FOUNDATION **TOOLS**

[NoDb: Simple File System Storage for .NET Core](#) — Because “not all projects need a database”.

JOE AUDETTE **TOOLS**

[One Call to Rule Them All](#) — DreamFactory's autogenerated REST APIs work across multiple databases on a multitude of servers. Free, open source platform.

DREAMFACTORY [TOOLS](#) [SPONSORED](#)

[TinyDB: A Lightweight, Pure Python Document Oriented DB](#)

MARKUS SIEMENS [CODE](#)

[SQLite 3.12.2 Released](#)

SQLITE [CODE](#)

[SQL to NoSQL: Top 6 Questions Before Making The Move](#) — What to consider when moving from the world of relational databases to a NoSQL document store.

GLYNN BIRD

[Migrating 700GB of MySQL Data](#)

JOSHUA BLENDER

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