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Database Weekly

Issue 135 — December 22, 2016

FEATURED

In this final issue of 2016, we're looking back at the most popular items featured throughout the year. We'll be back in the first week of 2017 - thanks for your support and we hope you have a happy holiday season! :-)

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

Why Uber Engineering Switched from Postgres to MySQL — Uber Engineering explains the technical reasoning behind its switch in database technologies *from* Postgres *to* MySQL - an uncommon direction to migrate in.

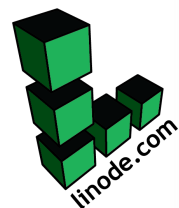
EVAN KLITZKE

A Comparison of 10 Open Source Time Series Databases — The author looks at and ranks DalmatinerDB, InfluxDB, Prometheus, Riak TS, OpenTSDB, KairosDB, Elasticsearch, Druid, Blueflood and Graphite.

STEVEN ACREMAN

Linode is the SPEEDIEST SSD host for your DB - simple, reliable & powerful. — MySQL? MariaDB? PostgreSQL? Whatever DB you use, run it on a Linode, the most scalable, reliable and fastest servers in the cloud. Use promo code DB20 for a \$20 credit and get started.

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NoSQL Databases: A Survey and Decision Guidance — An incredibly thorough overview of the NoSQL landscape.

FELIX GESSERT

SQL Injection Cheat Sheet — A detailed resource to find technical information about the many different variants of SQL injection vulnerabilities. A good reference for both seasoned penetration testers and those just getting started in web app security.

FERRUH MAMTUNA

10 Easy Steps to a Complete Understanding of SQL — A walk through some of the fundamentals of SQL and the key concepts it introduces by being a declarative language rather than imperative or object oriented.

JOQQ

All About Indexes: The Very Basics — Well defined indexes will improve your database's performance significantly, but how do they work?

EML DRKUŠIĆ

5 Reasons You Should Use SQLite in 2016 — SQLite, a self-contained, zero-config SQL database engine, is frequently underestimated. But it's fast, convenient, and there are compelling reasons to use it in certain contexts.

CHARLES LEIFER

7 Handy SQL Scripts for SQL Developers — “a few SQL scripts which have proven to be very useful for my daily job as a SQL developer..”

SOMT POUDEL

19 Resources for Learning About Database Design Errors — A look at numerous online resources for avoiding poor database design that can lead to many problems and cost both time and money.

JEFFREY EDISON

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IN BRIEF

[Seven databases in seven days - a Cloud Data Services journey](#) — Our colleagues at IBM CDS have been blogging about the databases available on IBM Bluemix. Here's the summary.

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[5 Mistakes Beginners Make When Working with Databases](#)

CRAIG KERSTIENS

[Designing Schemaless, Uber Engineering's Scalable Datastore](#) — Uber developed its own MySQL-based schemaless storage system.

UBER ENGINEERING

[Why Most Programmers Get Pagination Wrong](#)

JAVAOOQ

[How Uber Manages 1M Writes/Second Using Mesos and Cassandra](#)

HIGH SCALABILITY

[Data Denormalization Is Broken](#)

LIRON SHAPIRA

[Ask HN: How to Handle 50GB of Transaction Data Each Day?](#)

HACKER NEWS

[Building a Real-Time Recommendation Engine](#)

NICOLE WHITE

[Denormalization: When, Why, and How](#)

EML DRKUŠIĆ

[OmniDB: An Open Source Web Tool for DB Management](#)

OMNIDB **TOOLS**

[Sqlectron: A Simple SQL Desktop Client for Multiple Databases](#)

SQLECTRON **TOOLS**

[Five Online Database Modelling Services](#)

ROBERT SHELDON **TOOLS**

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