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Database Weekly

Issue 63 — July 10, 2015

FEATURED

Sorry for the brief hiatus, but now we're back with a fresh lick of paint. Onward! :-)

PipelineDB: The Streaming SQL Database — An open-source relational database (based on PostgreSQL 9.4) that runs SQL queries continuously on streams, incrementally storing results in tables.
PIPELINEDB

Data Modeling with Multi-Model Databases — A case study for mixing different data models within the same data store, based around the open source multi-model database [ArangoDB](#).
MAX NEUNHÖFFER

Switching User Database On A Running System — Spotify shares the tale of what happened to switch all their user storage from Postgres to Cassandra.
SPOTIFY LABS

Bringing SSL and More to Compose MongoDB — There's a new MongoDB deployment option going into beta at Compose and it brings SSL connectivity and a new flexible configuration to the table. Rather than use MongoDB's SSL, we configure our deployments with our own special sauce that allows us to use the mongos router.
COMPOSE **SPONSORED**



Test PostgreSQL 9.5 Alpha in a Docker container — Postgres 9.5 is around the corner and if you don't want to wait until it's fully released to start playing here's a Docker container to get you up and running with it.
DATABASESOUP.COM

A First Forward Look at MongoDB 3.2 — MongoDB 3.2 is due by the end of the year, but what can we expect from it?
COMPOSE

Heroku Announces General Availability of Its Redis Solution — Heroku's in-house Redis hosting system is now generally available. A new feature called 'Data Links' has also been announced to let Heroku users easily do data federation; it uses Postgres' foreign data wrappers under the hood.
HEROKU

MySQL Performance Optimization: 50% More Work with 60% Less Latency Variance

— A look at Pinterest's path to discovering an optimal configuration for its MySQL cluster including benchmark results and what the configuration looks like in [these slides](#).

PINTEREST

Oracle's Biggest Database Foe: Could It Be Postgres?

— An EnterpriseDB survey showed 77% of users are dedicating all new deployments to PostgreSQL with 37% reporting they had migrated existing apps from Oracle or Microsoft SQL Server to Postgres.

TECHREPUBLIC

The Data Lake

— A look at the concept of 'data lakes', a term taking off in popularity lately. Compared to warehouses, data lakes let providers push all their data in for future use without an aggregation stage.

MARTIN FOWLER

IN BRIEF

[10 Things You Didn't Know You Could Do with the Oracle Database](#)

ALEXANDER PAVLOVSKIY

[Slow PostgreSQL Performance? Don't Forget to Vacuum your Database](#)

LOB.COM

[Introducing Disque: An Open Source Message Broker From The Creator of Redis](#)

SALVATORE SANFILIPPO [VIDEO](#)

[The Chemical Wedding of RethinkDB and Node.js](#)

ALISSON CAVALCANTE AGIANI

[Examples of SQL to Couchbase N1QL Conversions](#)

COUCHBASE

[101 Things I Wish You Knew About SQL Server](#)

THOMAS LAROCK

[Cayley: An Open-Source Graph Database From Google](#)

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