DB Weekly

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Issue 19 — June 28, 2014

Supported by

Big Data Forcing Update of SQL Standard

DATANAMI

A new standard dubbed SQL/MDA (Multi-Dimensional Array) is being proposed due to its potential benefits in working with big data.

Treode: A New Distributed Key-Value Store with Atomic Writes

TREODE

TreodeDB is a library for building your own server. It offers a Scala API for read, write and scan; you add layers for data-modelling, client protocol and security.

DevOps Automation: Measuring Application Performance

RACKSPACE   SPONSORED

Using DevOps tools can dramatically improve your software delivery pipeline. Join this webinar Thursday, July 17th at 1pm CDT featuring the Rackspace DevOps Automation Team and learn how to benchmark application performance with StatsD and Graphite. Register here.

Google Says Hello Dataflow, Goodbye MapReduce

INFORMATIONWEEK

Google introduces Dataflow to handle streams and batches of big data, replacing MapReduce and challenging other public cloud services.

Charity Majors' MongoDB World 2014 Keynote

MONGODB

Charity Majors talks about MongoDB from an ops perspective in this 20 minute keynote from last week's MongoDB World event.
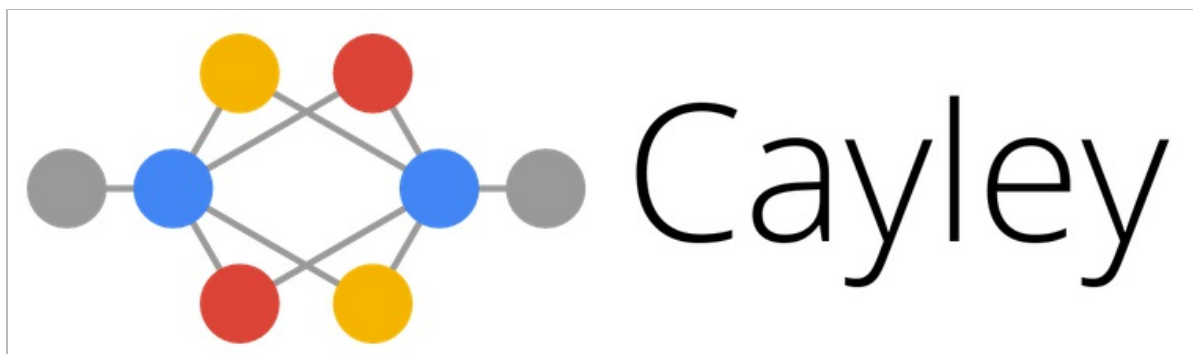
Couchbase Announces $60m Round of Funding

DATANAMI

To be used primarily to accelerate product development, such as their query language, N1QL. Couchbase's CEO Bob Wiederhold said, "It's relatively easy for us to raise money. The NoSQL industry is very hot."

An Outline of How to Build Your Own Database System

REDDIT

A particularly good comment on Reddit.

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

GOOGLE

Cayley is an open-source graph database (written in Go) inspired by Freebase and Google's Knowledge Graph. Its goal is to be a part of the developer's toolbox where Linked Data and graph-shaped data (semantic webs, social networks, etc) in general are concerned.

[The Distributed Database Internals of InfluxDB](#)

PAUL DIX

Paul Dix, the CEO of InfluxDB, goes over the design considerations, technologies, and tradeoffs of InfluxDB, an open source distributed time series, events, and metrics database.

[All Your Base: A Database Conference for Web Developers - Oxford, 17 October 2014](#)

ALL YOUR BASE CONF

All Your Base is a database conference aimed at web developers. If you want to see the overall quality, you can watch [the videos from 2013 here.](#) I've spoken there before too, it's a good event.

[NoSQL in SQL: Build a Schema-Free Data Storage System Inside a Traditional RDBMS with Ruby (video)](#)

ANDREW GEWEKE

Audio isn't great, but introduces us to the Ruby Gems [flex_columns](#), [low_card_tables](#) and [db-charmer](#).

[Gartner: DBAs Aren't Part of the NoSQL Conversation](#)

SCALEBASE

According to a recent Gartner poll, DBAs make up only 5.5% of NoSQL users, with most users being app developers and software engineers directly.

Jobs

In brief

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