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## DB Weekly

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### [Redesigning OpenDNS' DNS Database for Low Latency with Redis](#)

OPENDNS

An interesting case study of how a major DNS provider reworked their backend DNS database and logging system using Redis.

### [A Simple Guide to Five Normal Forms in Relational Database Theory](#)

WILLIAM KENT

This guide to the principles behind database normalization from 1982 has done the rounds on Hacker News recently.

### [SumAll Solves for Big Data](#)

RACKSPACE **SPONSORED**

SumAll handles lots of data - its business is built on it. They have data multiplied by data at extremely high speeds which requires Mongo. With write contention issues, something breaks every month. SumAll shares their lessons learned in their years of big data and how they manage their Mongo problems. [Watch the video](#).

### [Choosing the Right Database for the Job](#)

ANDYET

A quick look at choosing a database that's optimized for your specific needs by looking at the CAP (Consistency, Availability, Partition-Tolerant) Theorem.

### [Forrester Ranks the NoSQL Database Vendors](#)

DATANAMI

Analyst group Forrester Research released a pair of reports looking at document-oriented NoSQL databases and key-value NoSQL databases respectively. This article summarizes their findings.

### [Postgres Outperforms MongoDB and Ushers in New Developer Reality](#)

ENTERPRISEDB

Want to see how Postgres measures up performance-wise to Mongo? Here are some insights taking advantage of Postgres 9.4 and the JSONB data format to allow for a more direct comparison.

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