A periodic newsletter with links to blogs and industry news for subscribers to the Architecting IT blog.
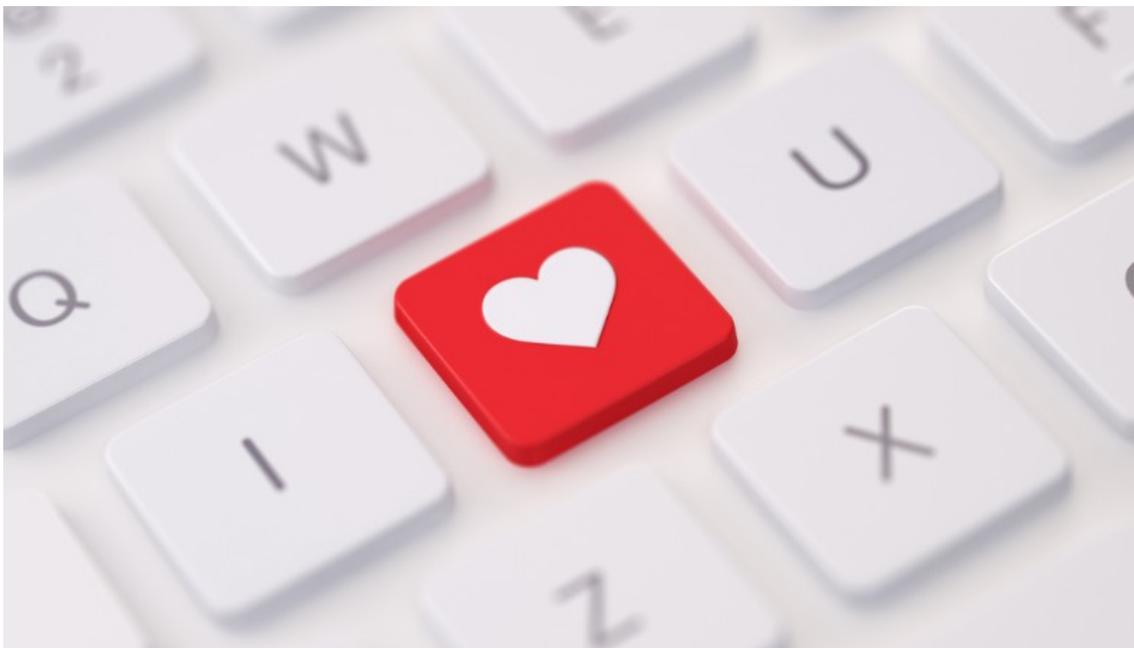
This is newsletter #45, 2018-W7 published on 17 February 2018.

Consistency - Eventually

The past few weeks has seen a little more love for eventually consistent database technology, with the news that Datos IO has been acquired by Rubrik. MongoDB, probably the most obvious poster-child for eventual consistency announced that version 4.0 of their flagship product would get ACID compliance. MongoDB 4.0 won't be out until the summer, but is available in beta. What does this mean for application developers?

Oracle Domination

Oracle has dominated relational databases for years and there are many apocryphal stories of how the company is moving with huge success into the public cloud space. The trouble is, this stance is counter to every end user I've ever worked with, where there is a desire to remove Oracle databases wherever possible.

Now, ACID compliance isn't the same as implementing a relational database, but with version 4.0, perhaps MongoDB is making their solution more palatable to cloud-native deployments that don't want or need relational structures, making it easier to replace relational technology like Oracle and MySQL.

In any event, it will be interesting to see how this new release is adopted. Oracle's USP in cloud seems to me at least, to be purely around the ability to host Oracle database at scale. As that value diminishes, a new approach could be needed to challenge the dominance of AWS, Azure, Google and IBM.

What do you think?

Chris Evans

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