

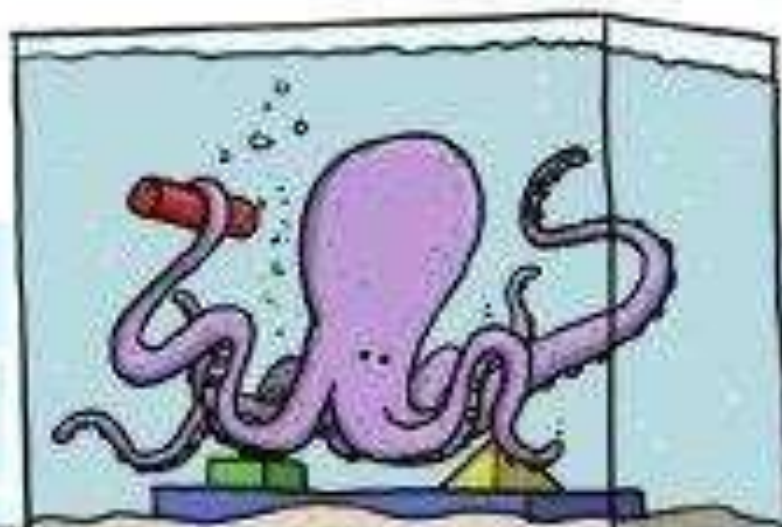
How to Benchmark... Poorly

Philipp Krenn

@xeraa

Benchmarking

Pattern:
Find the "right" use-case



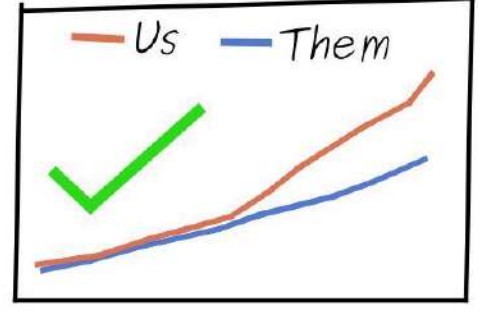
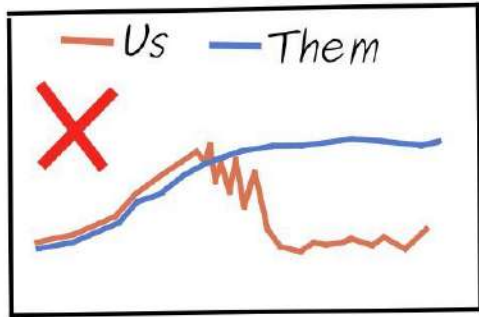
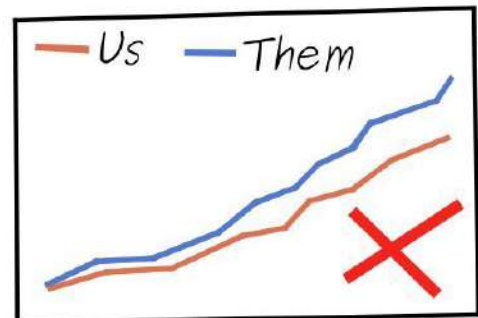
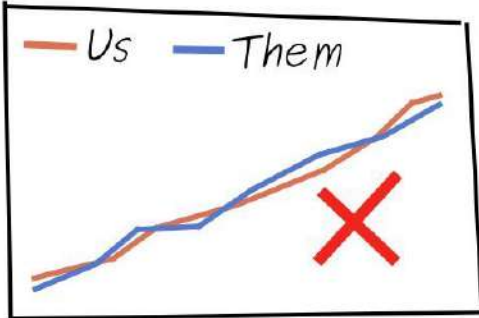
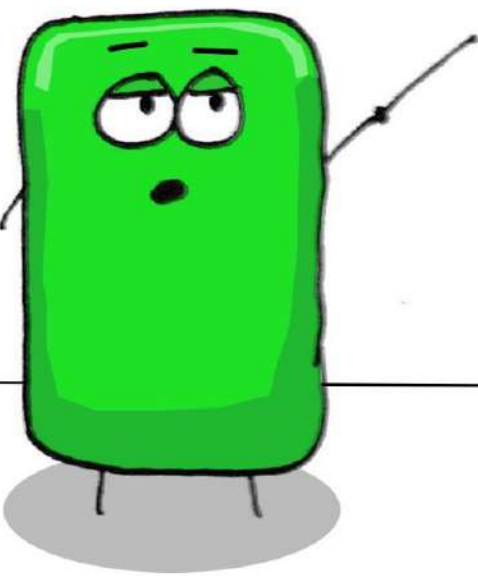
Professor Zapinsky proved that the squid is more intelligent than the housecat when posed with puzzles under similar conditions

Benchmarking 101 class

Last week
Use the word
"fast"

step 1: Identify a workload where
you do better than the competitor

Find a workload, or
hardware or specific metric!

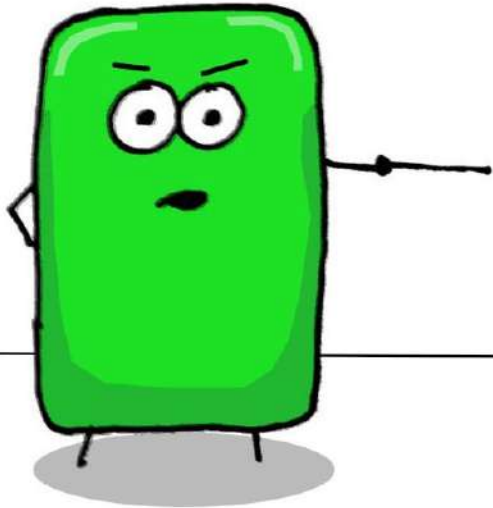


Benchmarking 101 class

Last week
Identify the
right workload

step 2: Generalize result
(as if it applied in all cases)

Generalize, generalize,
generalize!



Benchmarks!

Category	Us (Orange)	Them (Blue)
Start	Low	Low
End	High	Medium

We're 40% faster!
Migrate today!

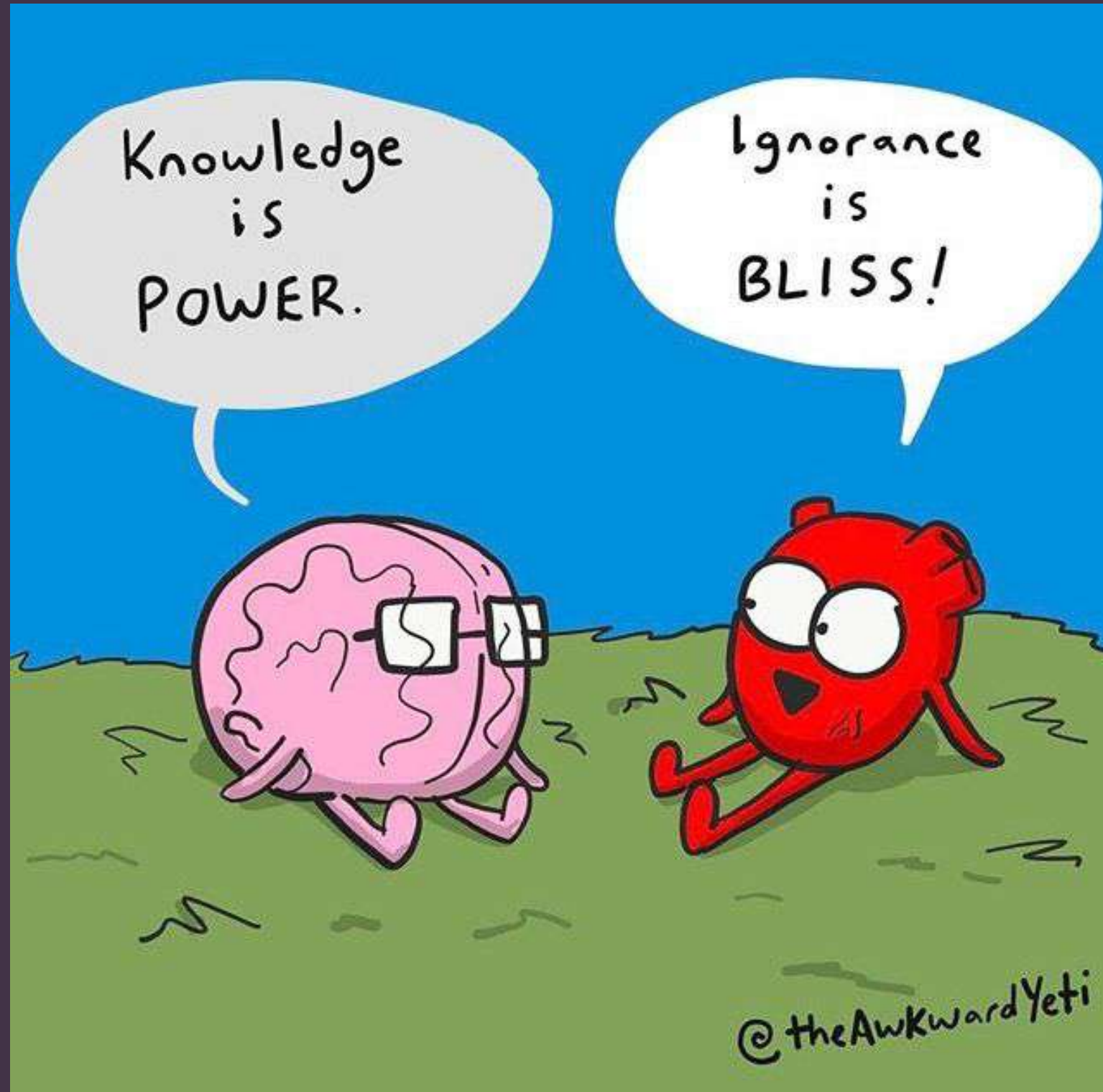
@vanlightly

**[...] use an experimental, unsupported,
non-production Lua driver for the
sysbench implementation [...]**

Pattern:
Me latest, you "stable"

Note: Apache Kafka added support for KRaft as a replacement for ZooKeeper in the 3.3 release; however, it is not yet feature-complete. We expect it to be a while before this feature is widely adopted and have not factored KRaft into our cost model.

Pattern: Tuned to your knowledge



Pattern:
"Optimized" defaults

Ancient MongoDB: fire & forget write concern

Pattern: Cheating



Better Benchmarks

Reproducible + Feedback



**find flaw, call results
garbage**



find something useful

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