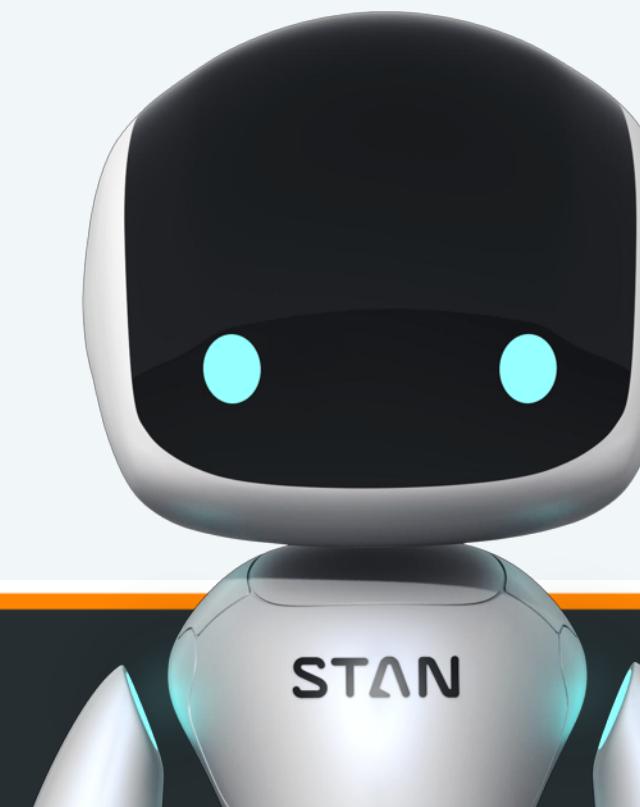


INSTANA

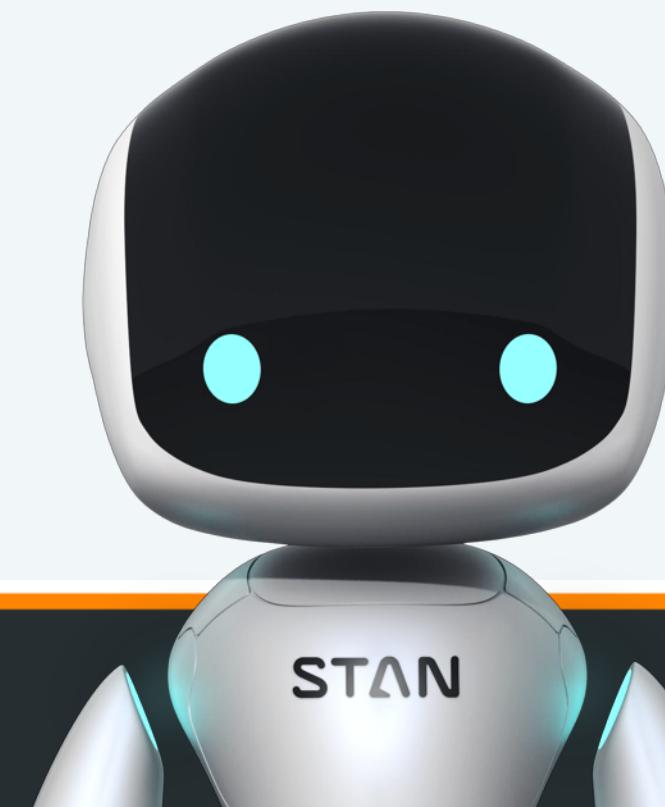
Instan(t)a-neous Monitoring



INSTANA

Instan(t)a-neous Monitoring

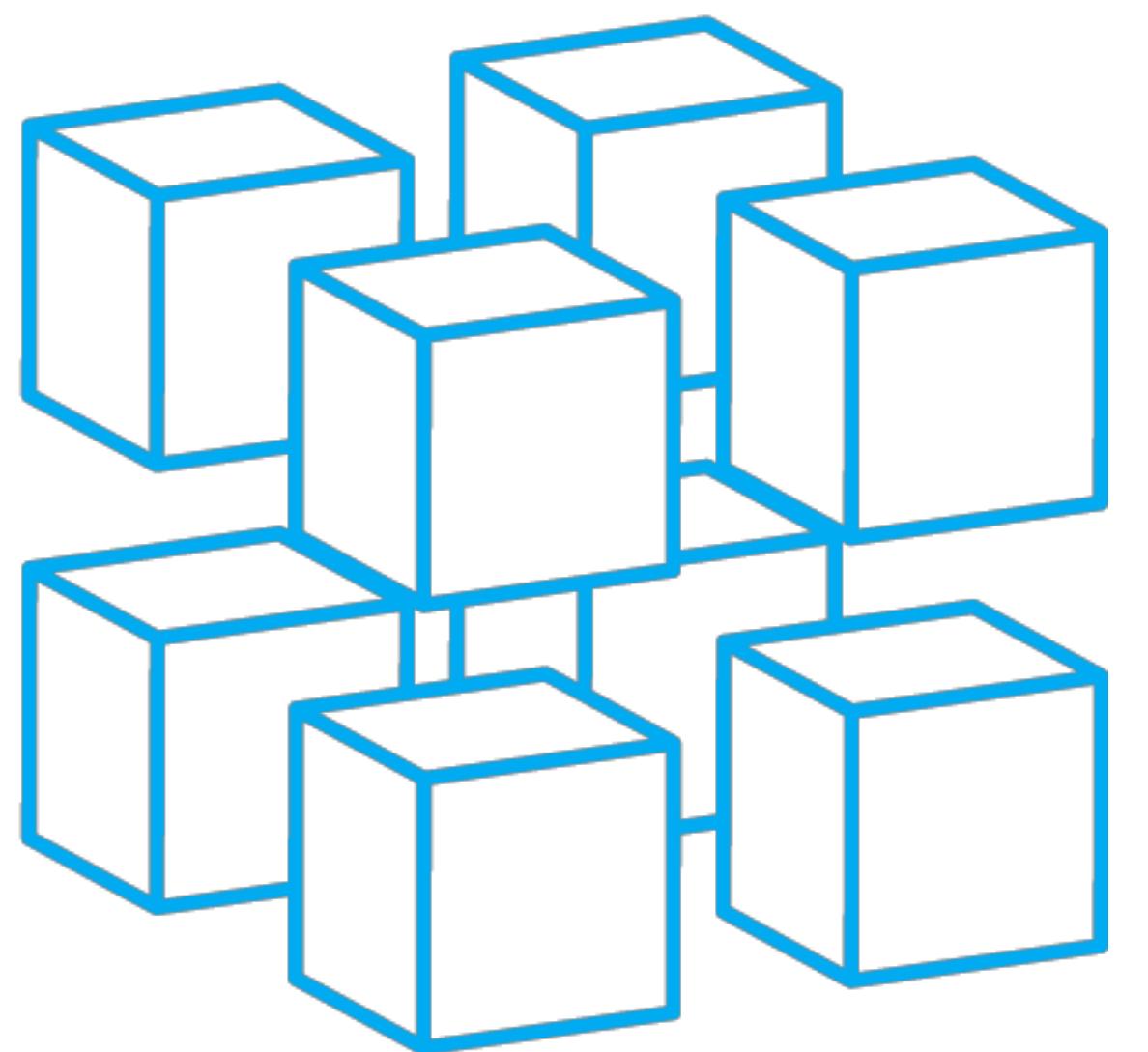
Have You Ever Had The Feeling You Wanted To Monitor
Something But You Forgot To Configure It Upfront?



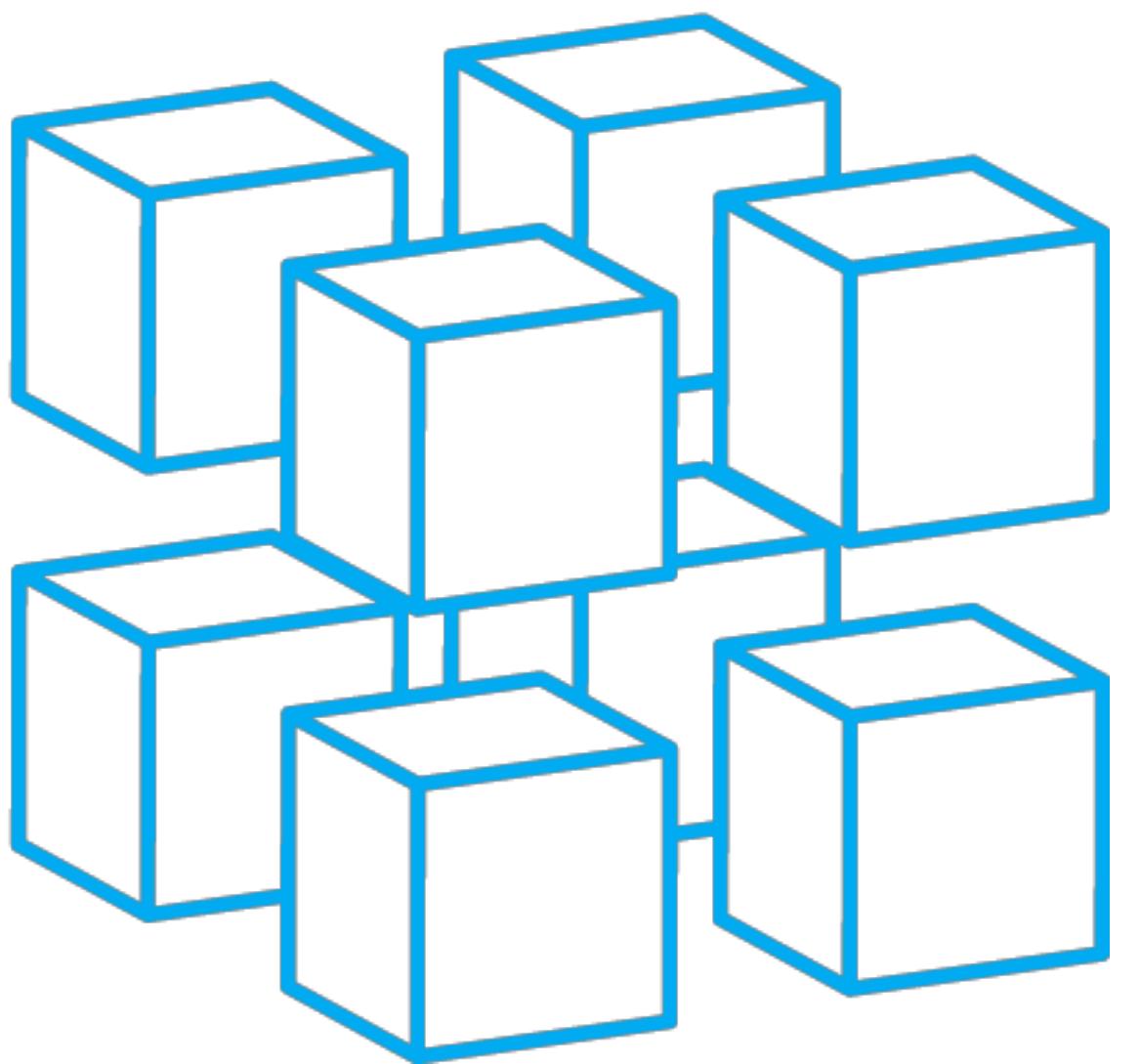


Let's Play A Game!

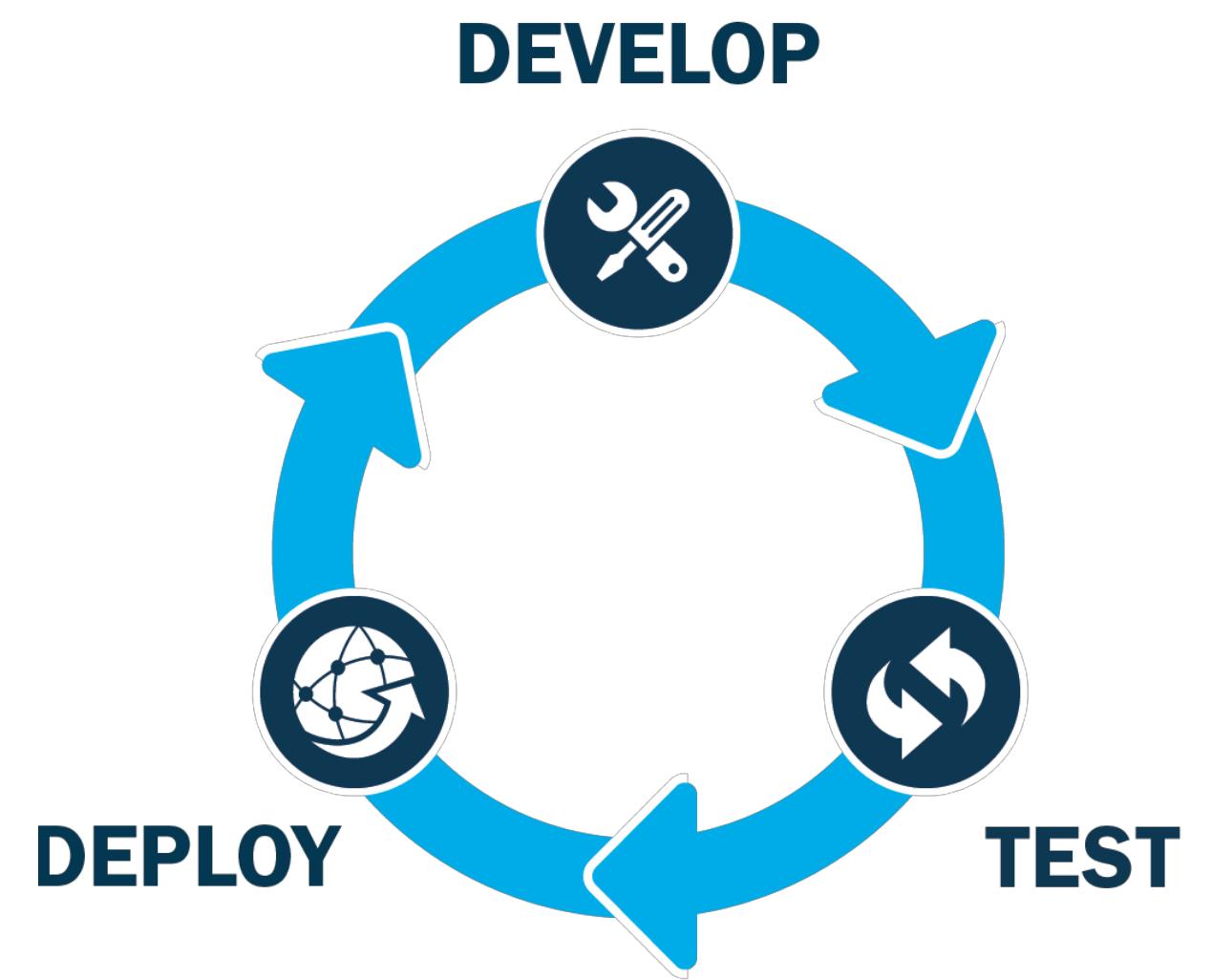




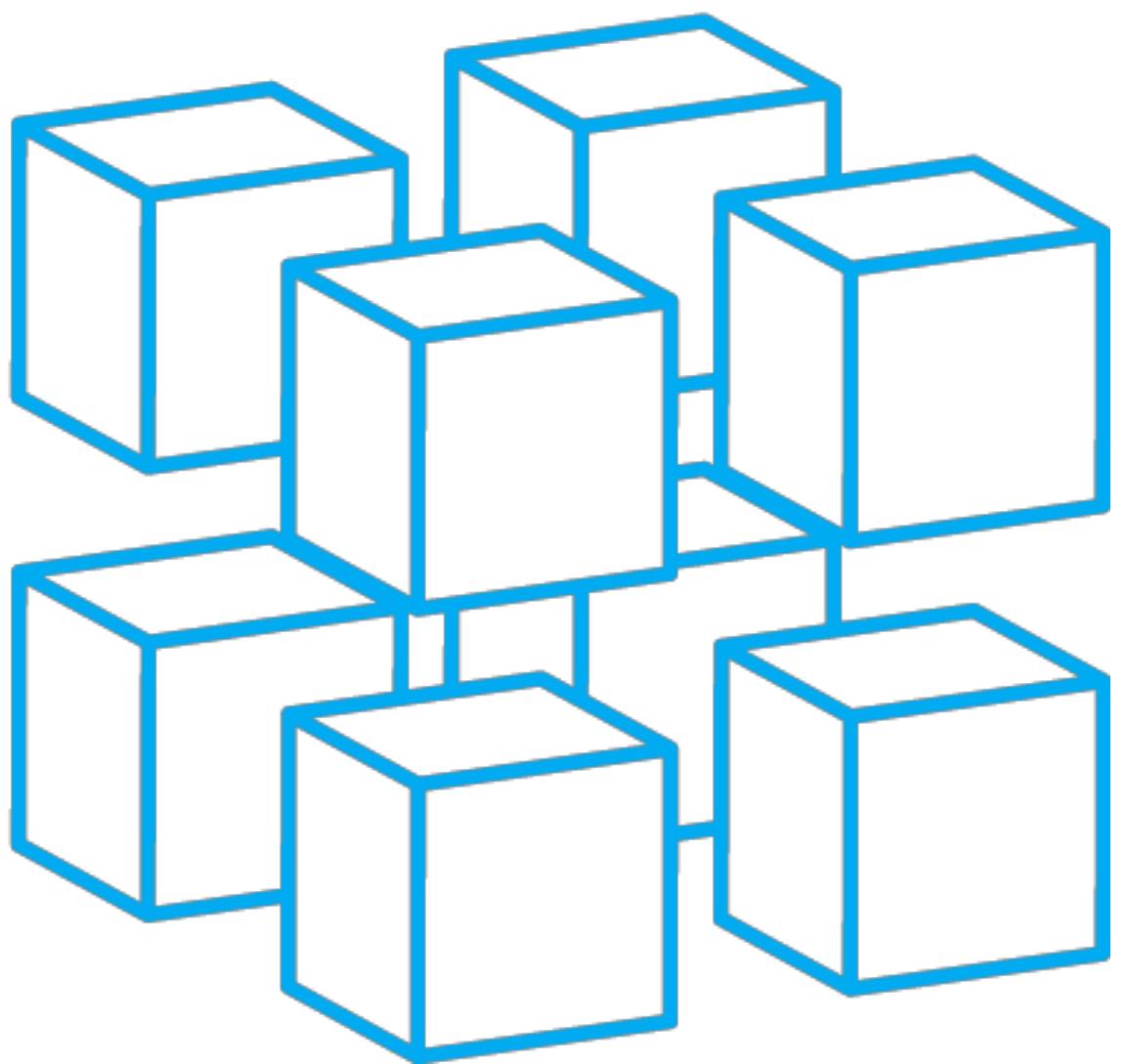
**Modular Applications /
Microservices?**



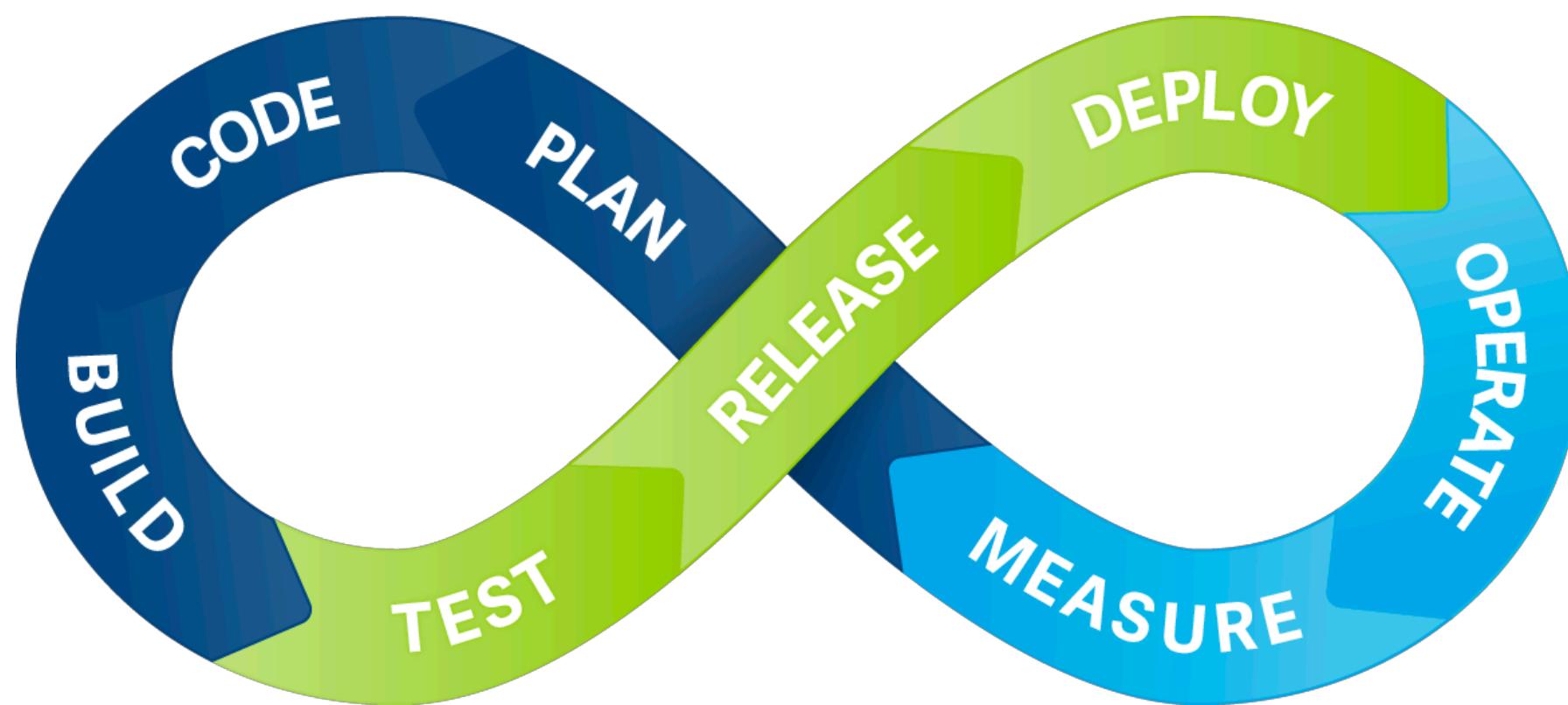
Modular Applications /
Microservices?



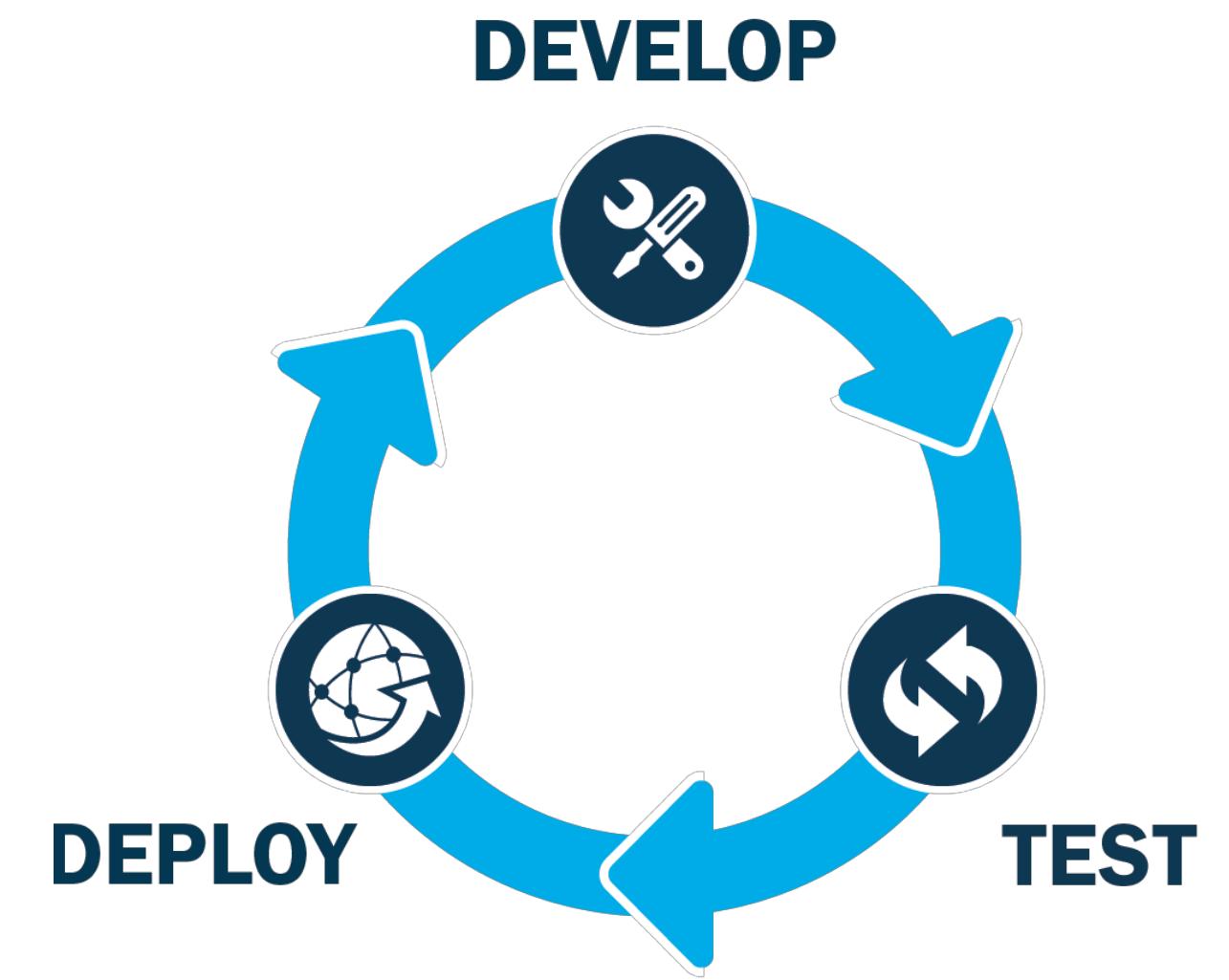
Continuous Integration?



Modular Applications /
Microservices?



Continuous Deployment?



Continuous Integration?

- **Chris Engelbert**
- **Senior Developer Advocate @ Instana**
- **Java-Passionate (10+ years)**
- **Go (2 years)**
- **Performance**
- **Garbage Collection**
- **Benchmark Fairytales**



Who's That Dude?

INSTANΛ



@instanahq

@noctarius2k



Prefers Kotlin



Codes Java



Adores TypeScript





Prefers Kotlin



Codes Java



Adores TypeScript



Kinda likes Go





Codes Java



Prefers Kotlin

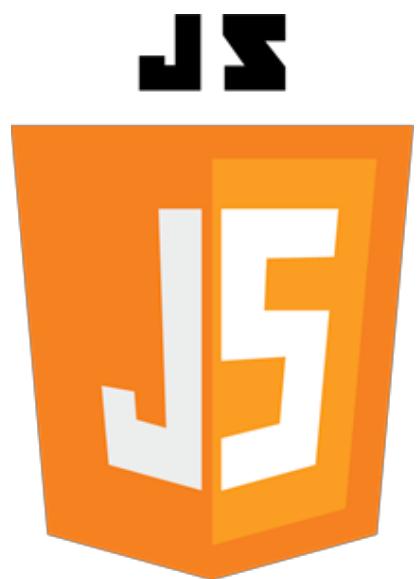


Adores TypeScript

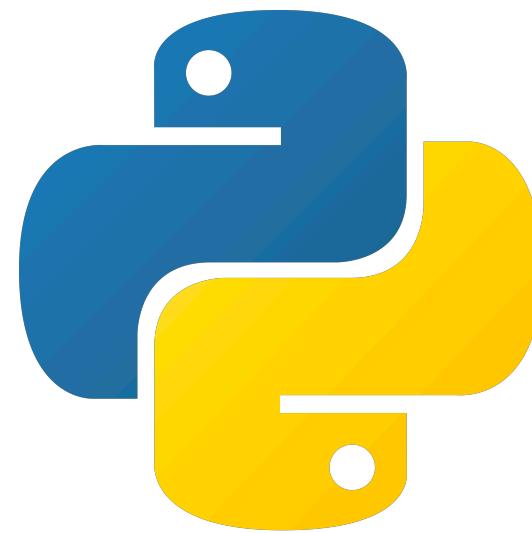


golang

Kinda likes Go



Forced to use JS



Totally hates Python



Codes Java



Prefers Kotlin



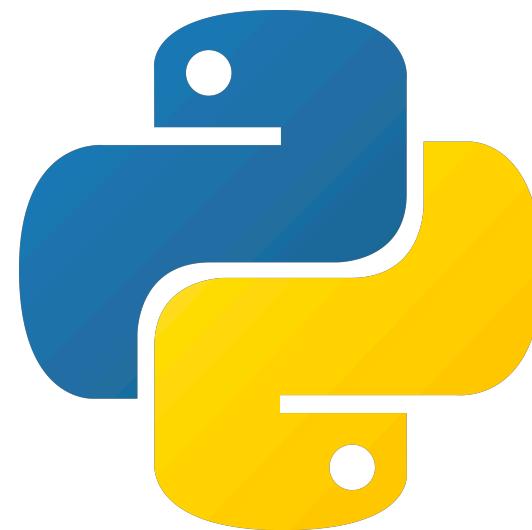
Adores TypeScript



Kinda likes Go



Forced to use JS

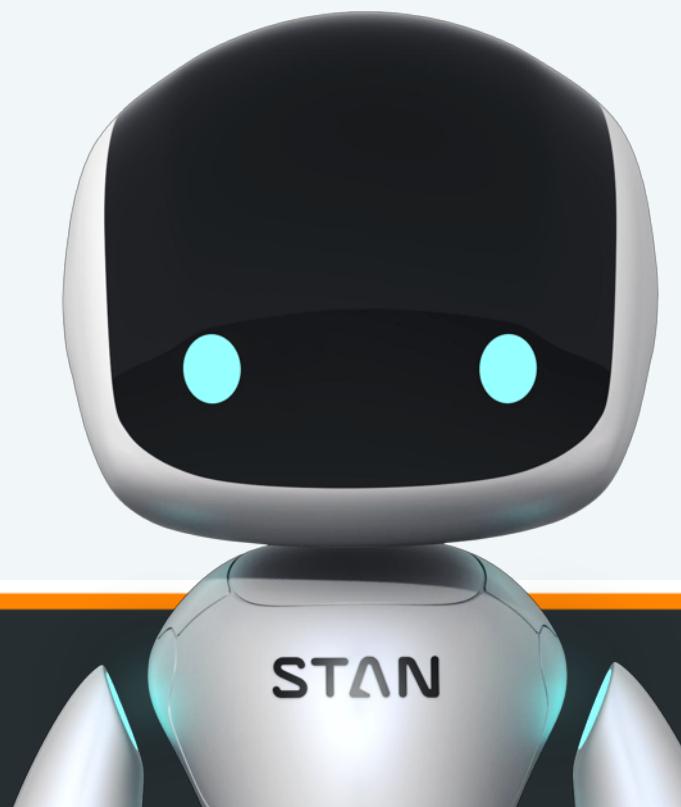


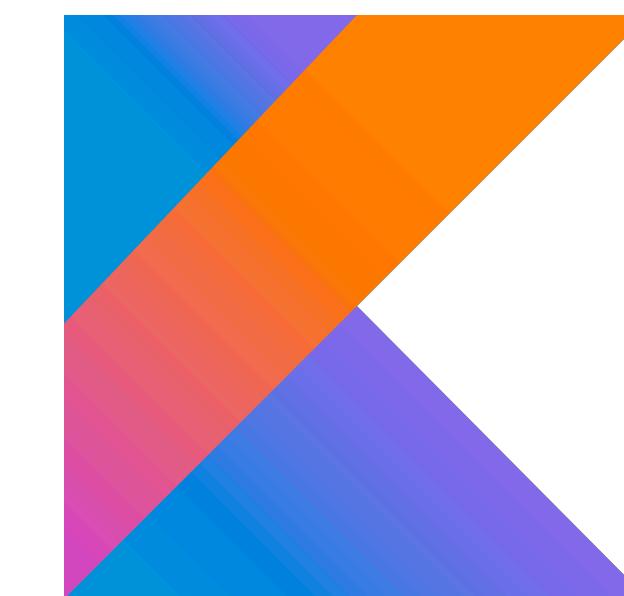
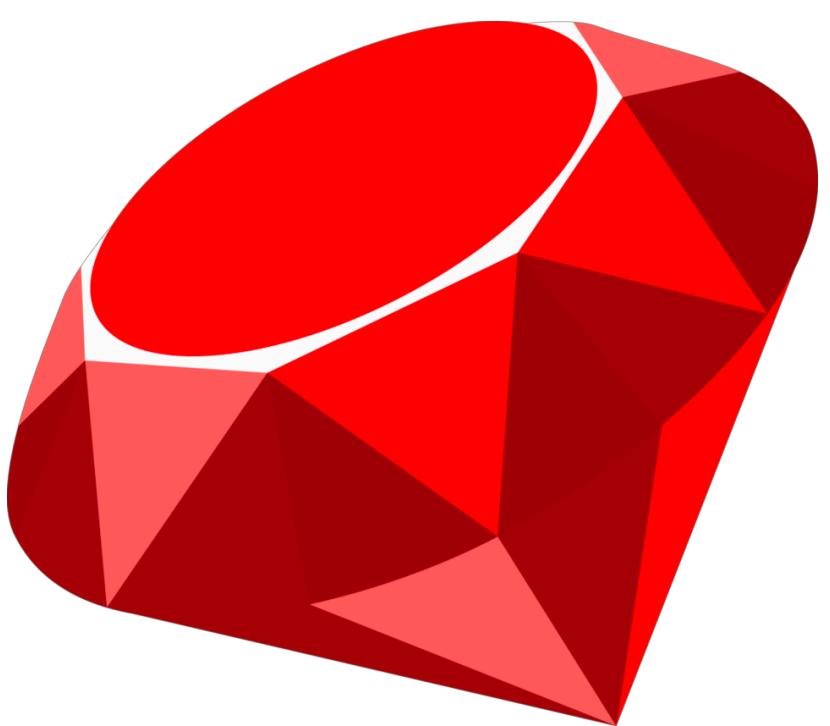
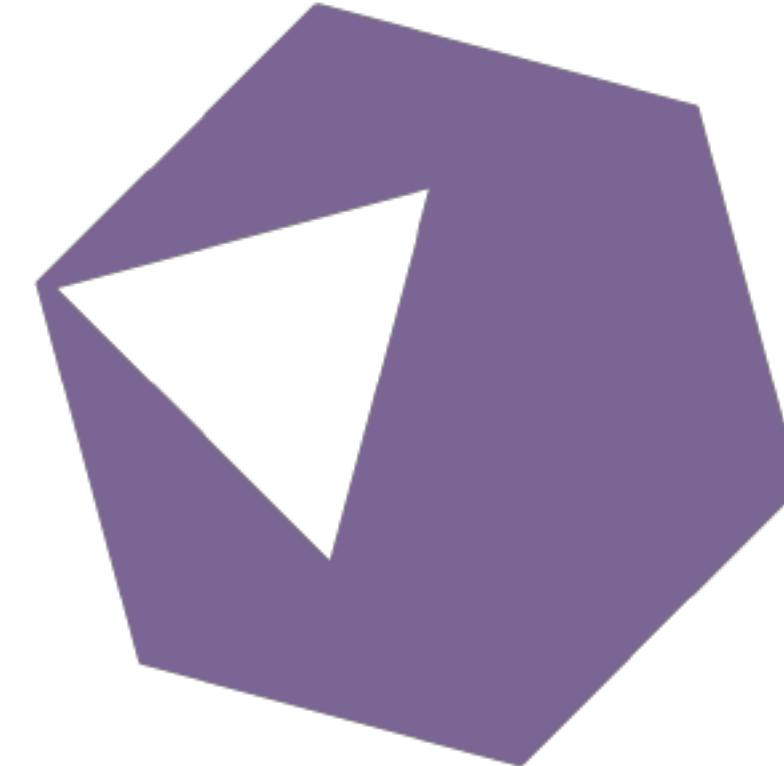
Totally hates Python



LOVES BEER!
(Dah, German)

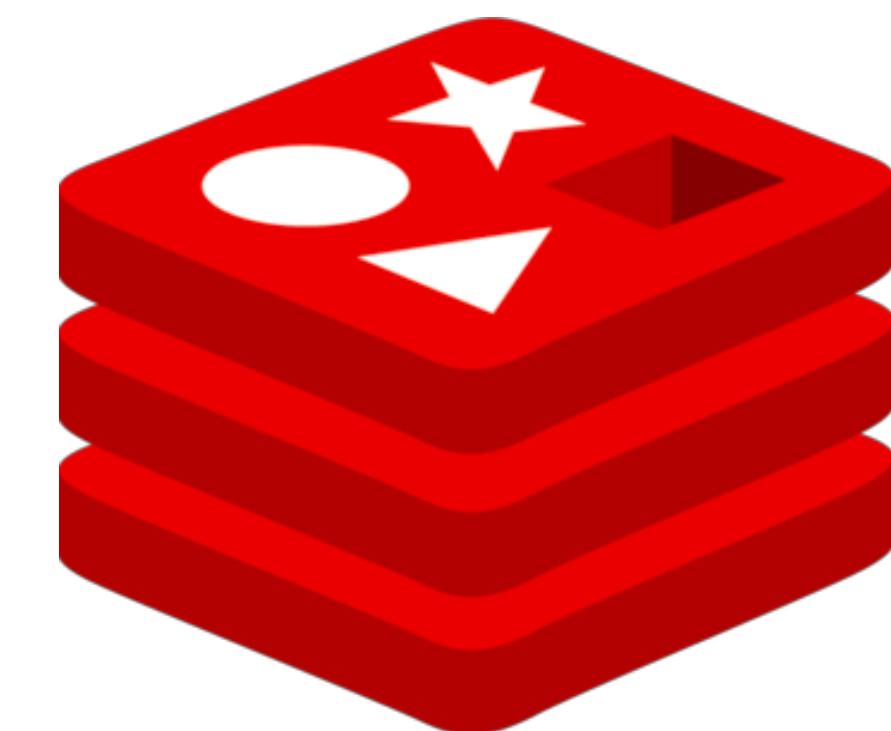
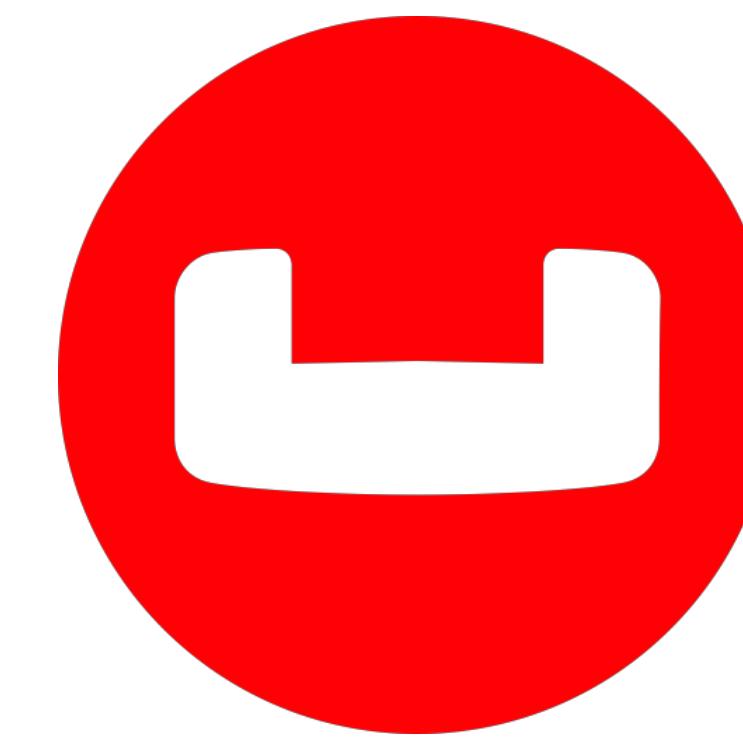
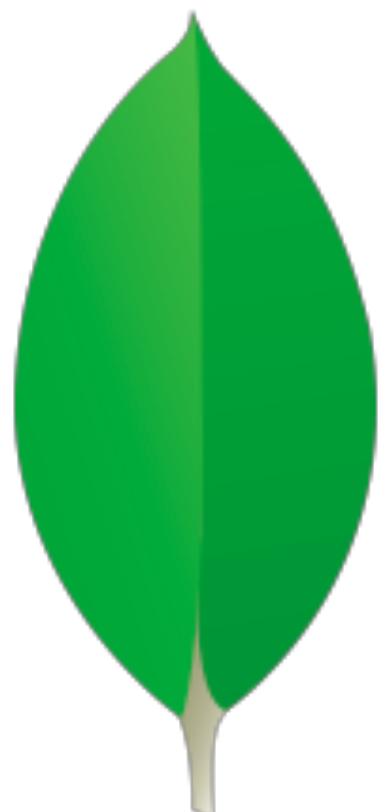
What Does Modern Application Designs Look Like?

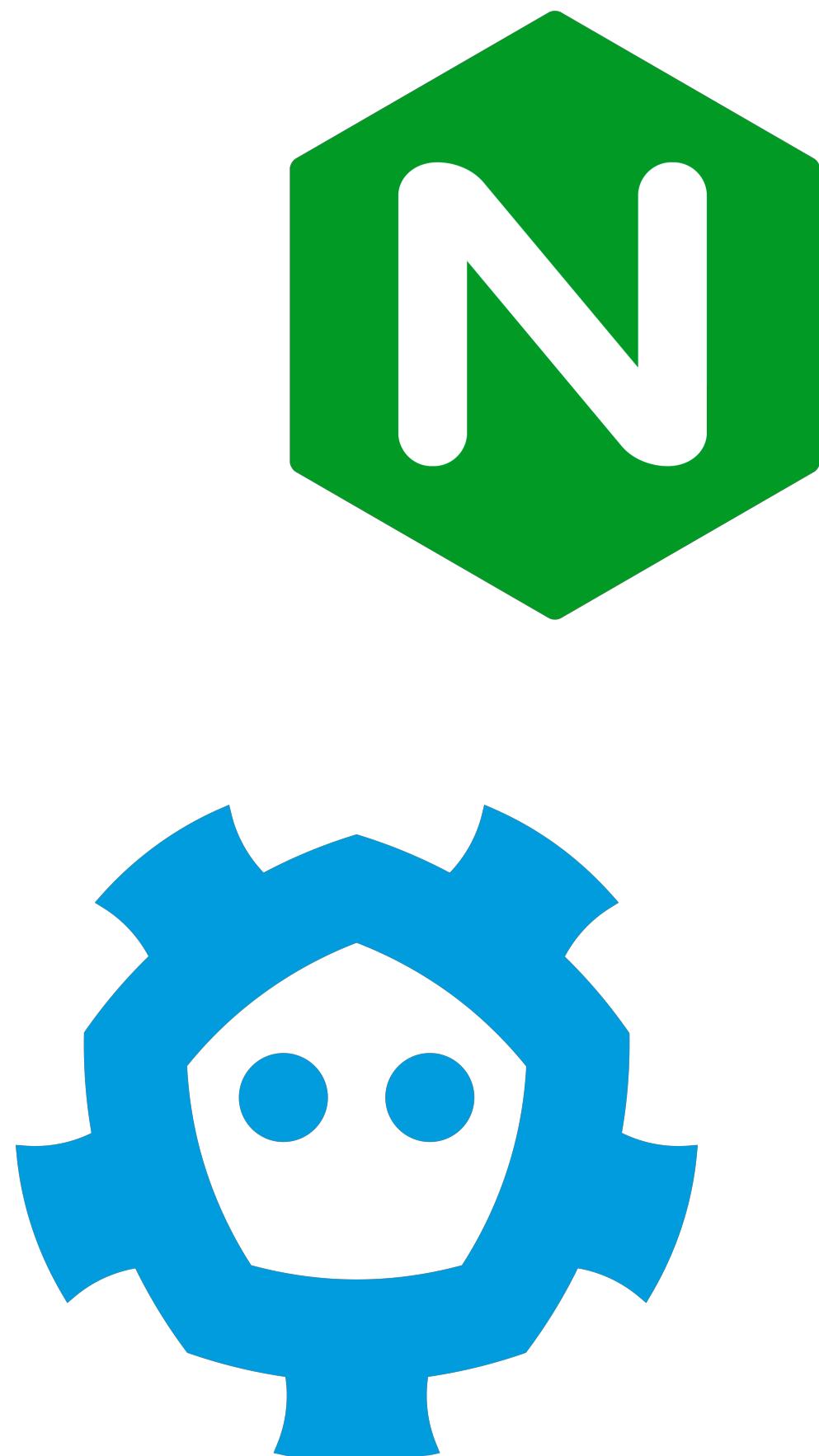




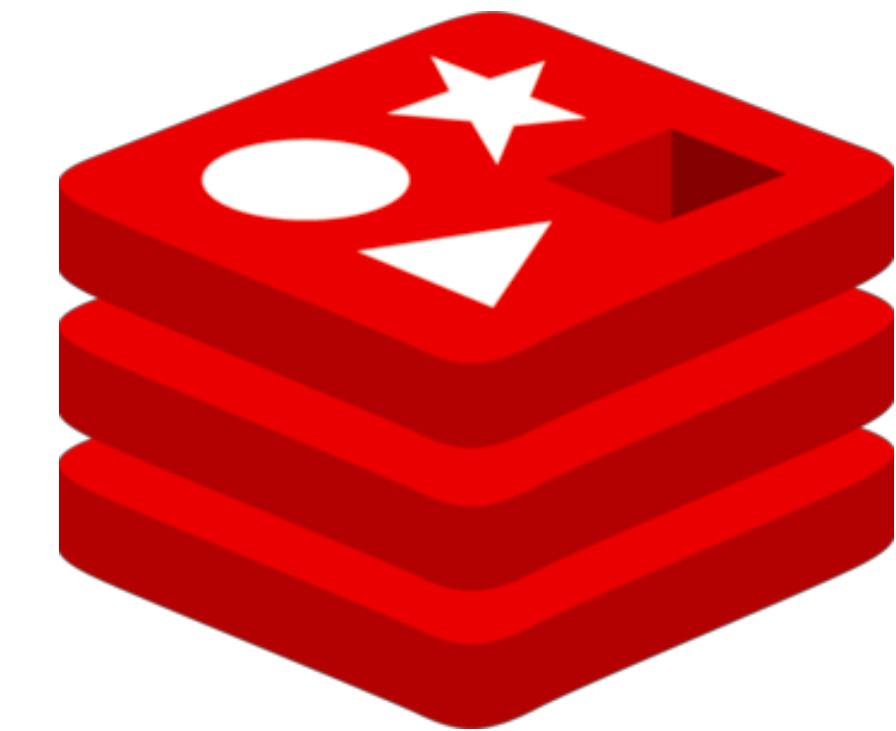
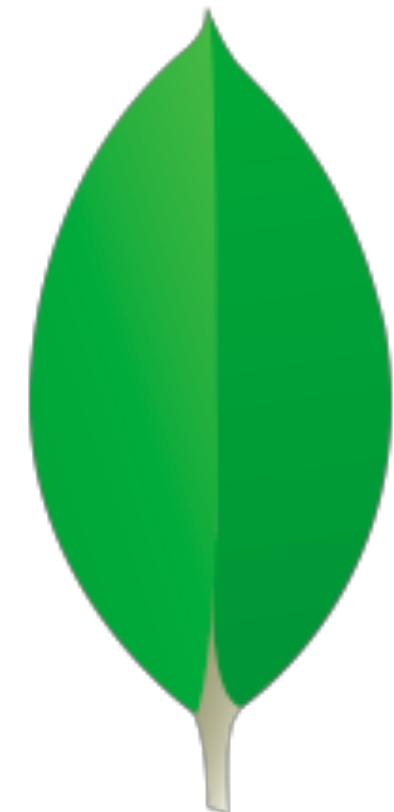
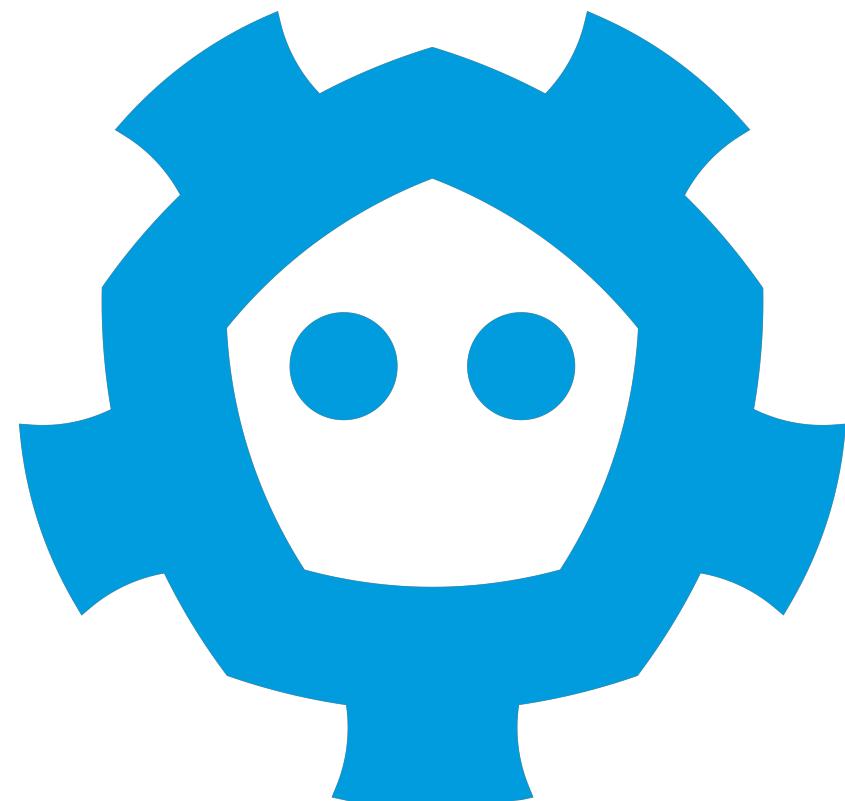


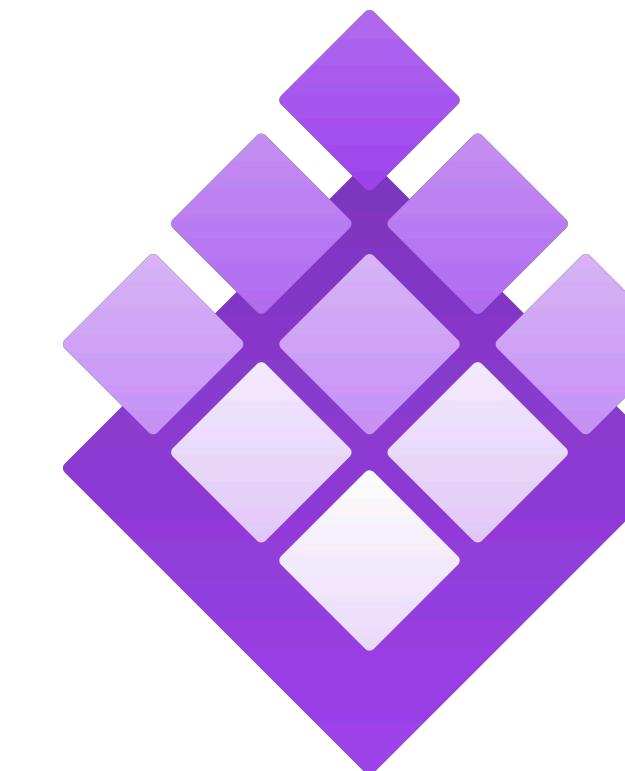
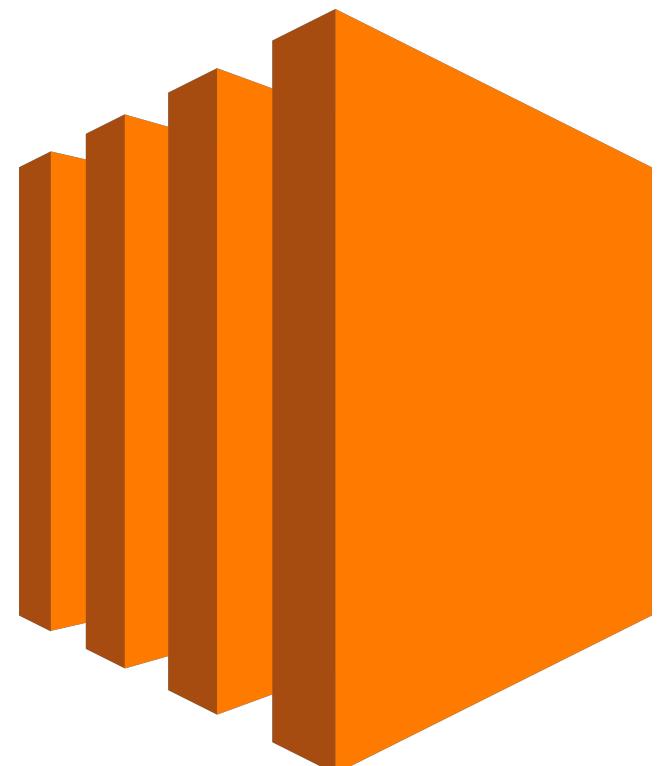
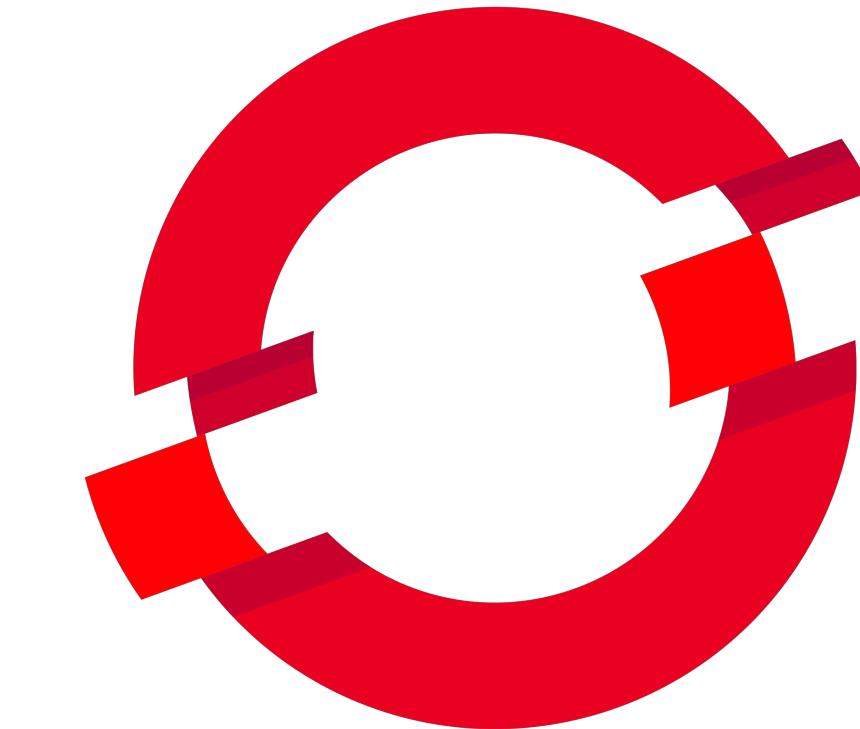
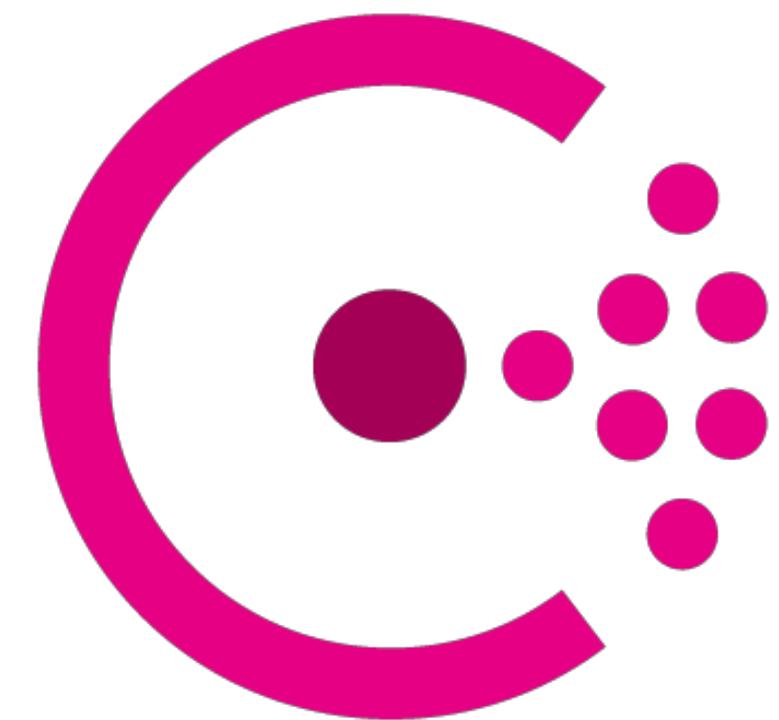
TM

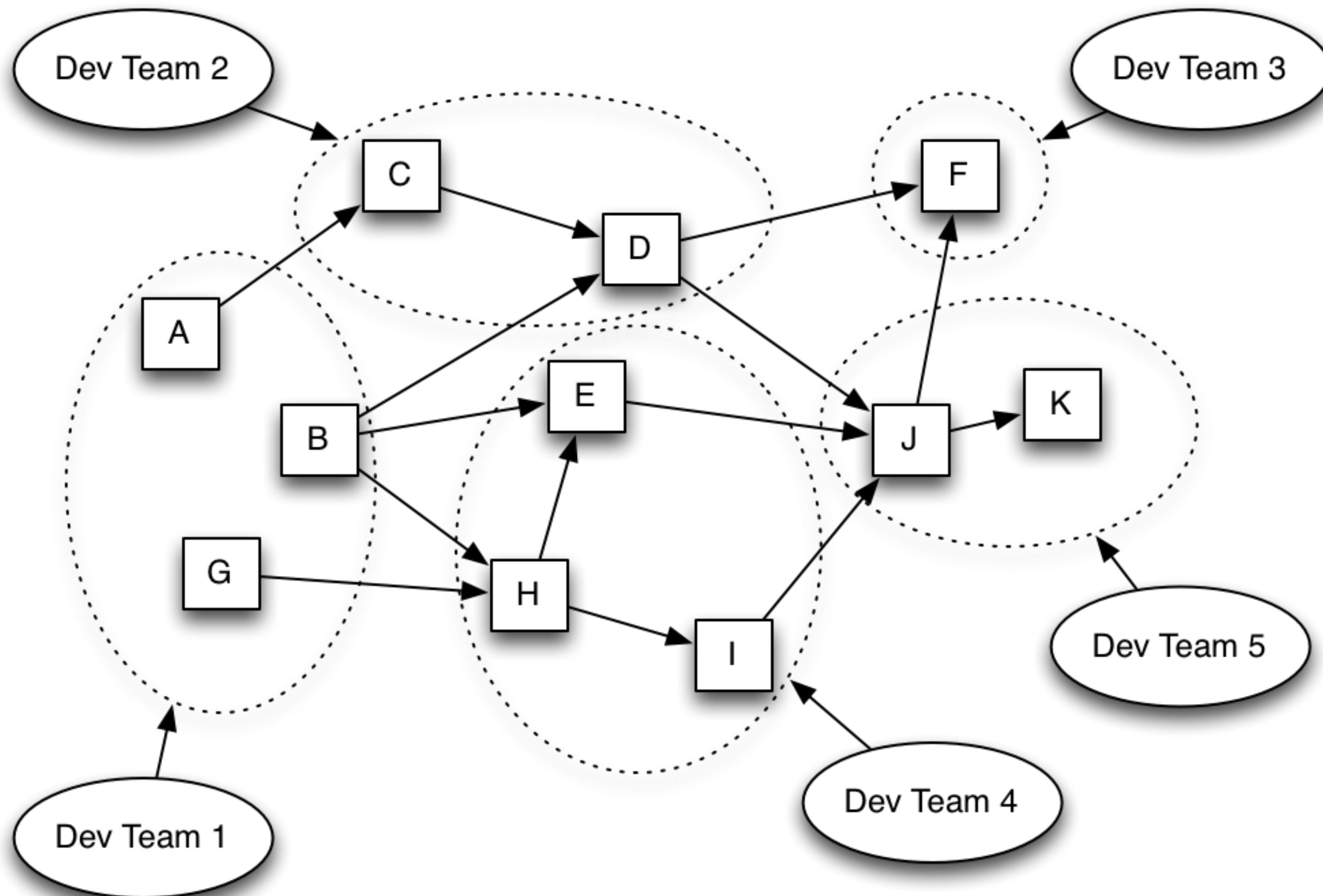




Beefy Server

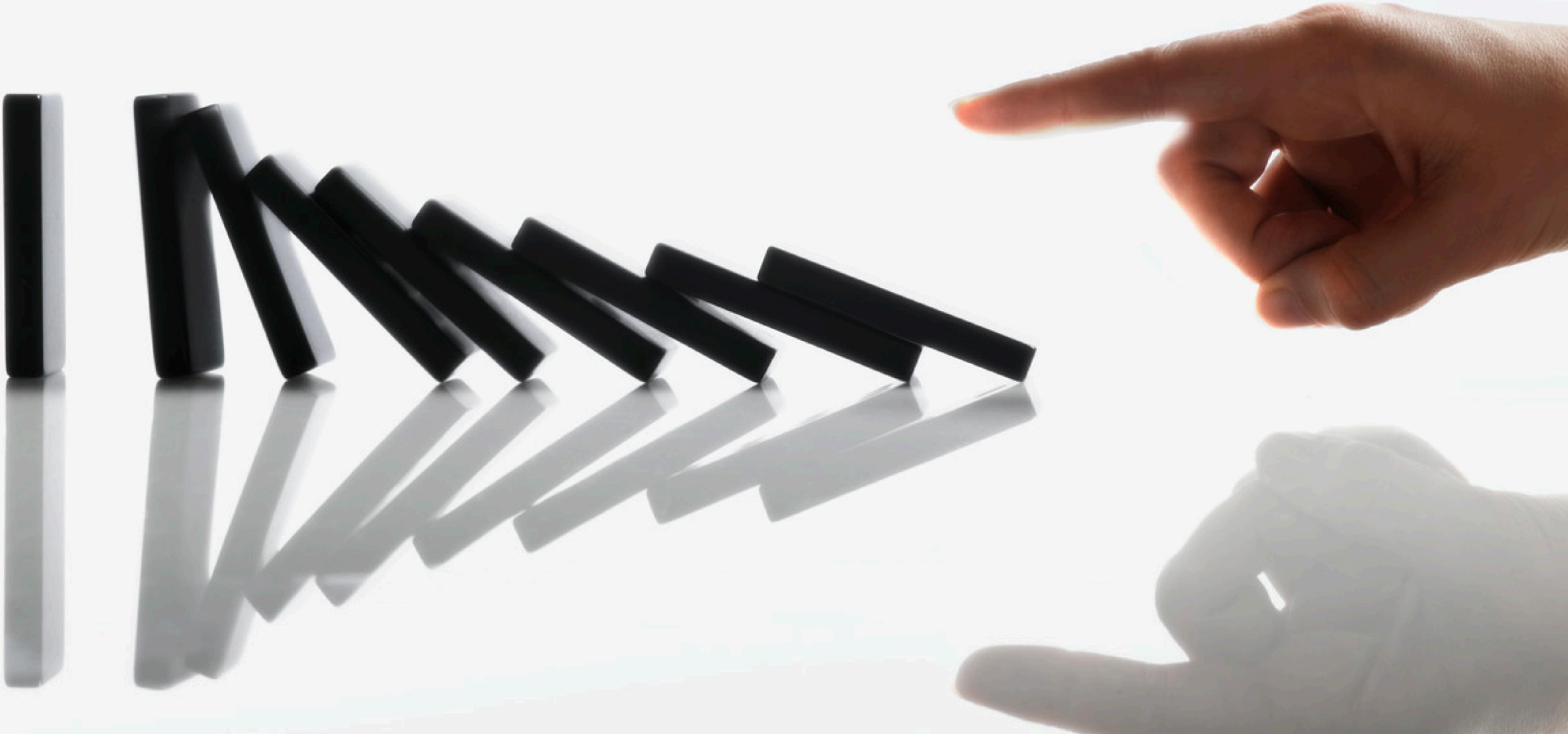
















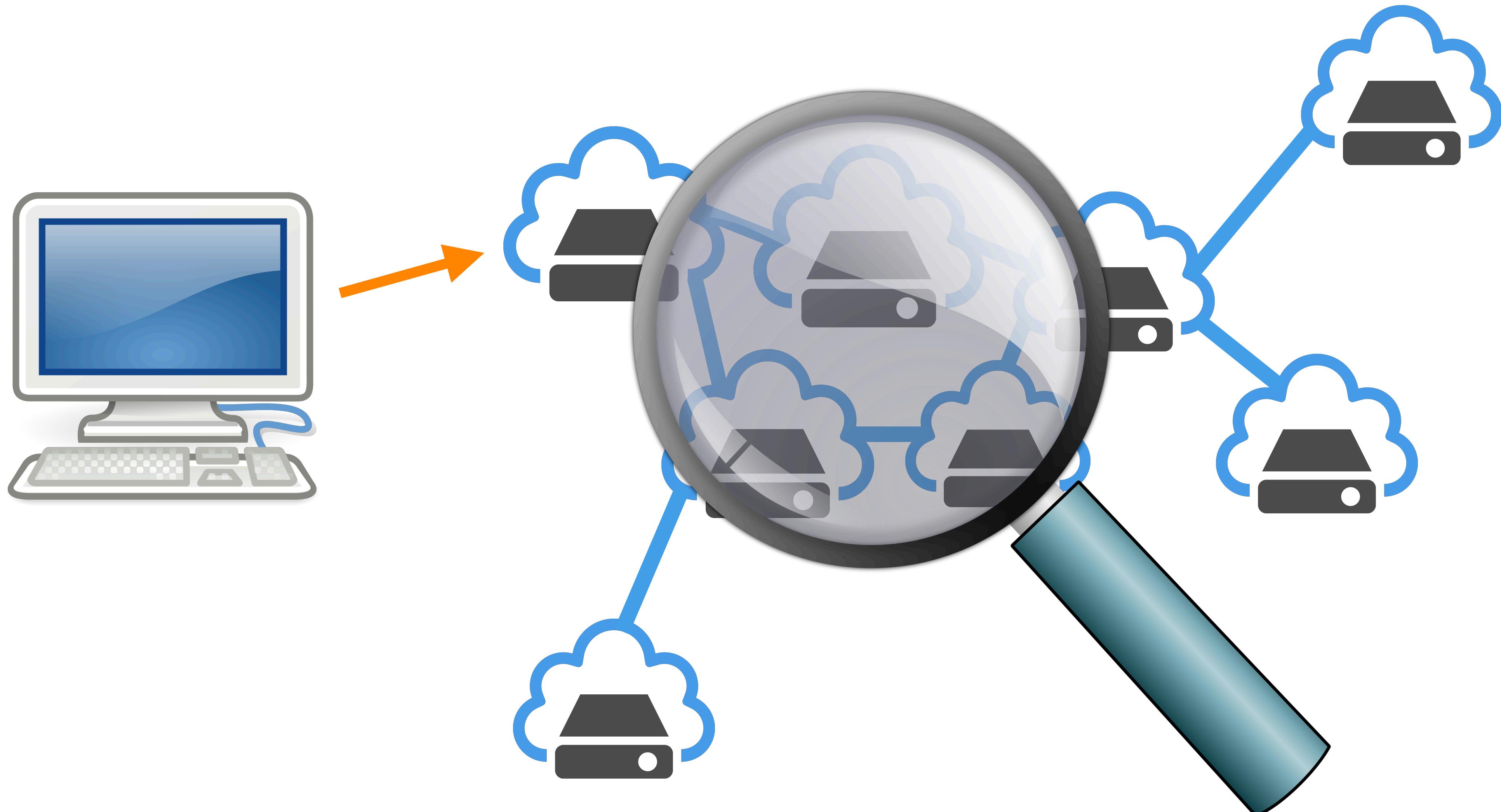
Service Slowdown

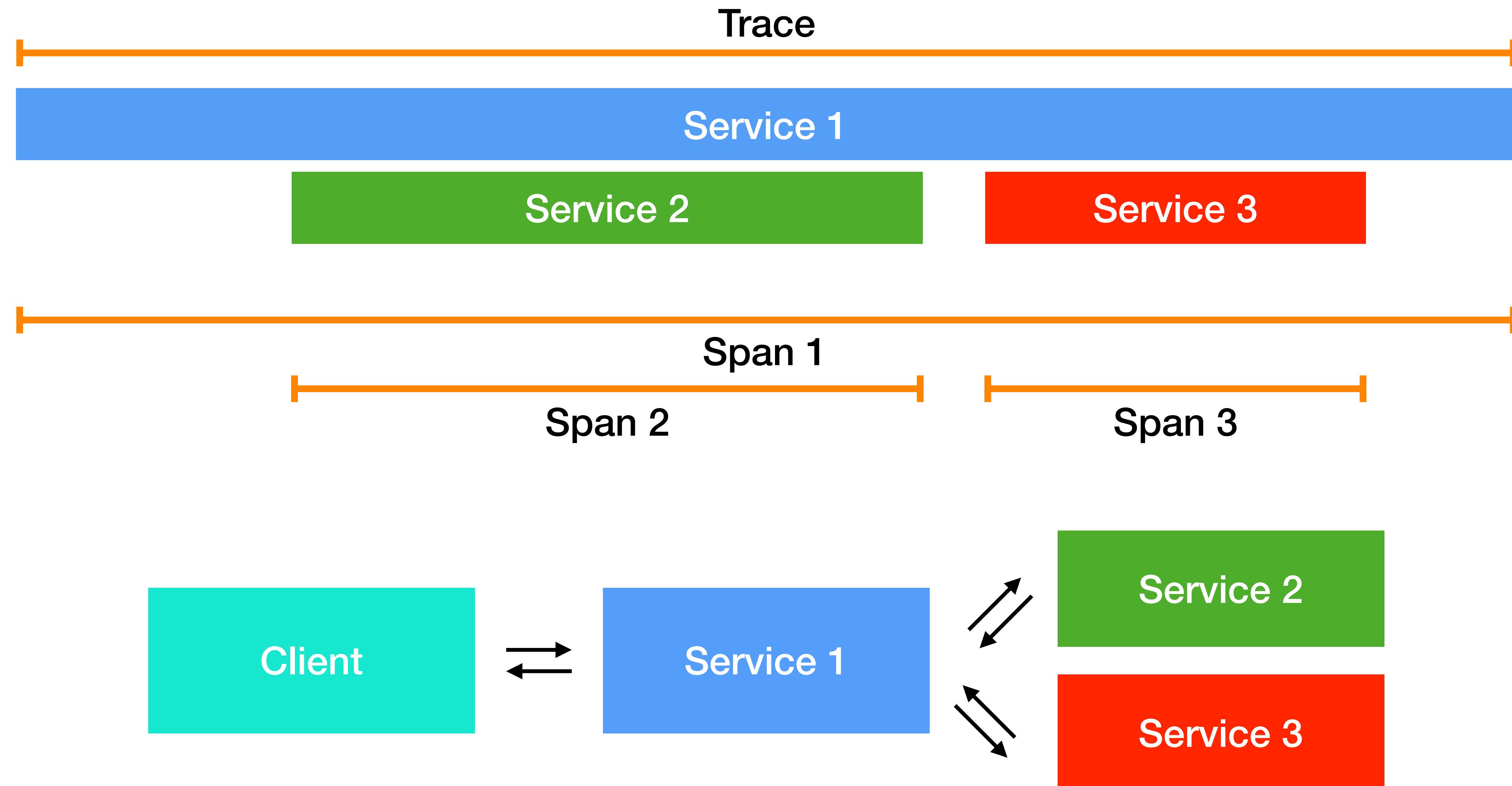


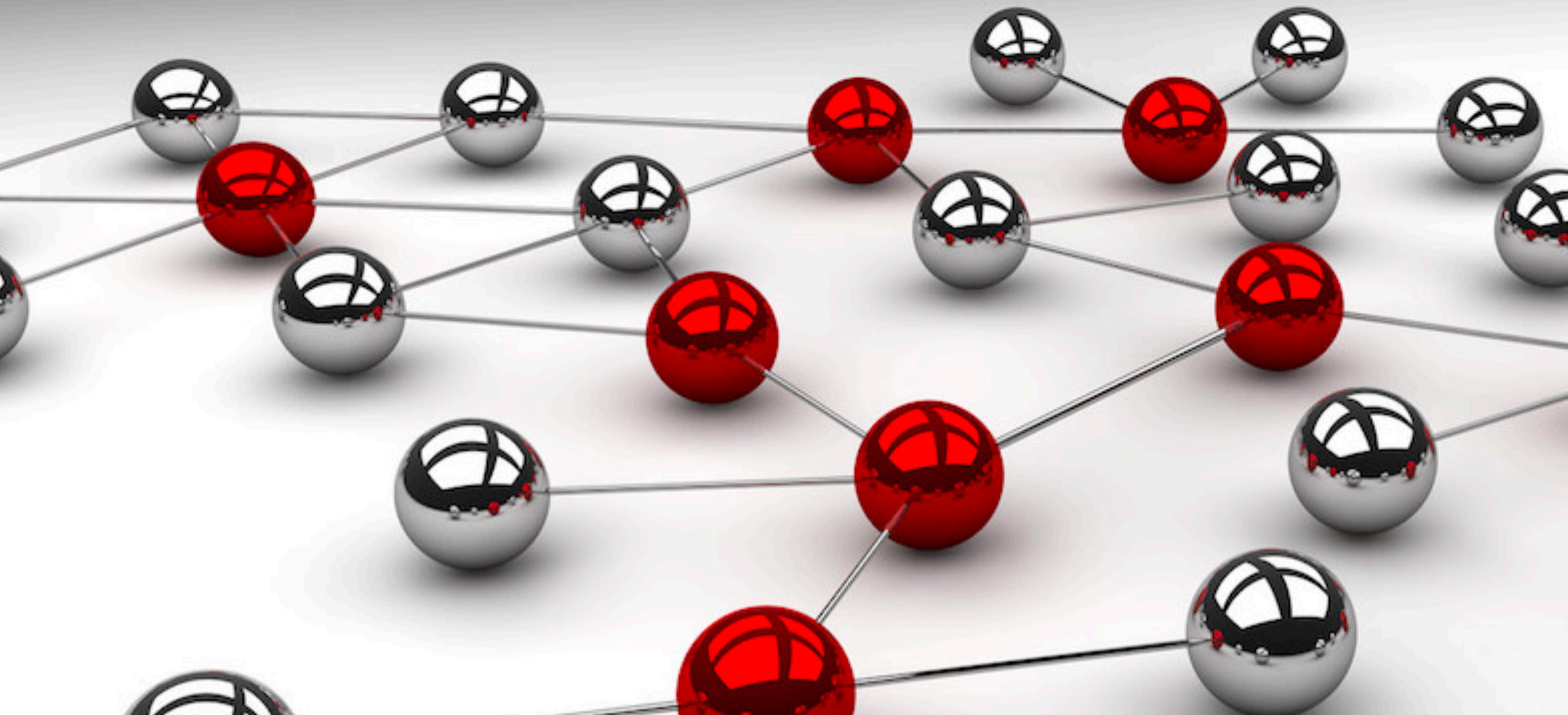
Continuous Monitoring



Distributed Tracing







We all love Coffee!

INSTANΛ



@instanahq

@noctarius2k

Let's Build:

Let's Build: Espresso Machine



Let's Build: Espresso Machine

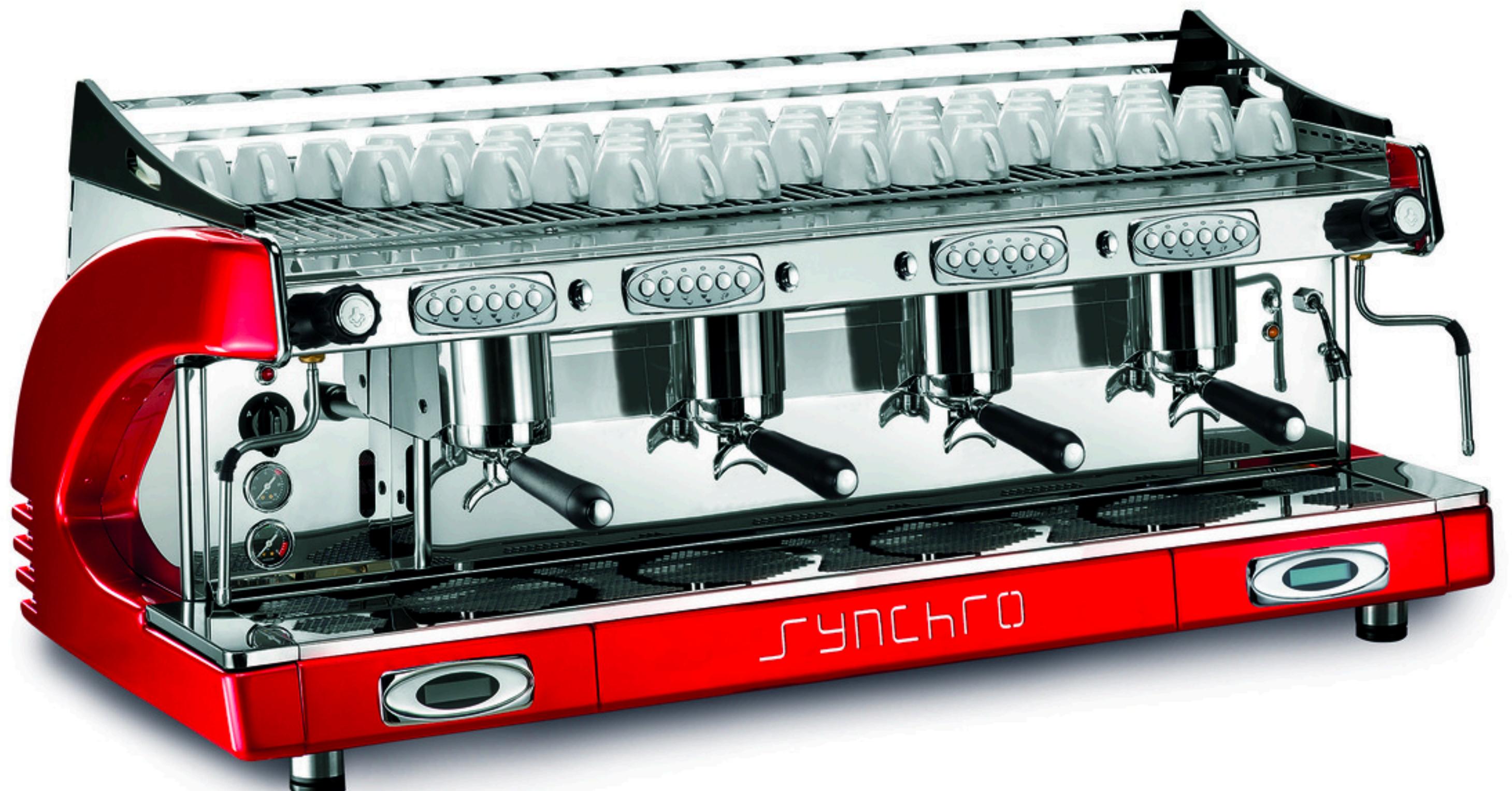


...but hey, we're talking Microservices here...

**Let's Build:
Espresso Machine**

... we're going full scale (parallelism rules)!

**Let's Build:
Espresso Machine**



... we're going full scale (parallelism rules)!

**And Just For Michael,
Imagine It To Be**

And Just For Michael,
Imagine It To Be

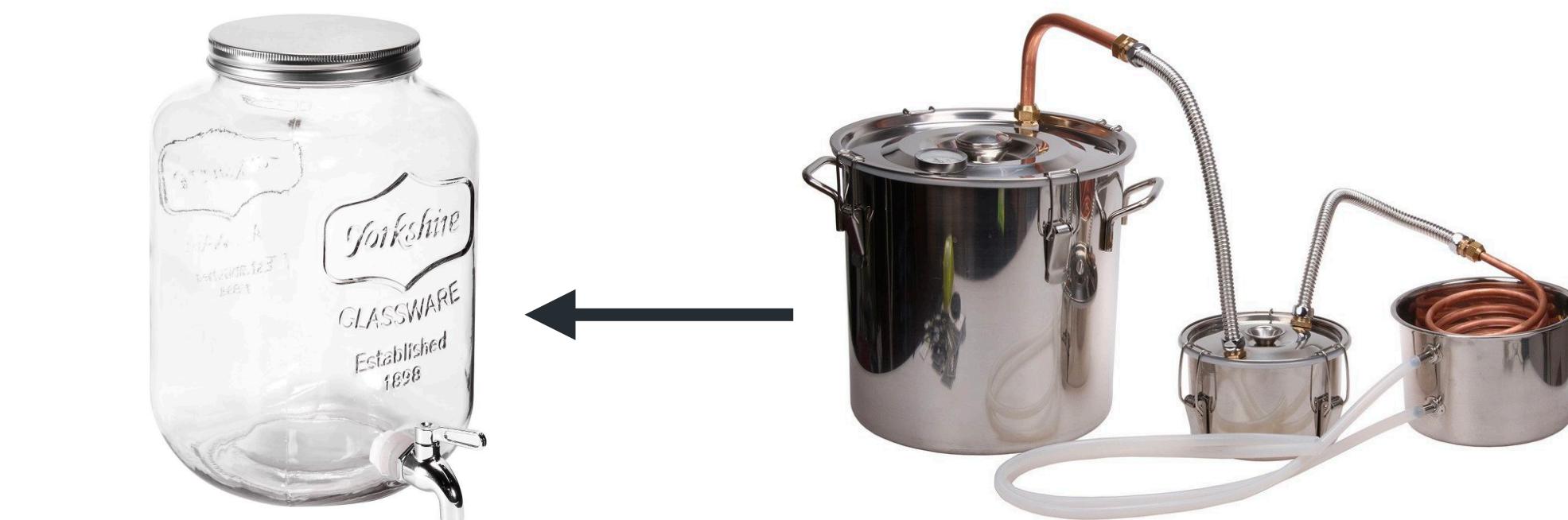


Let's Build: Espresso Machine

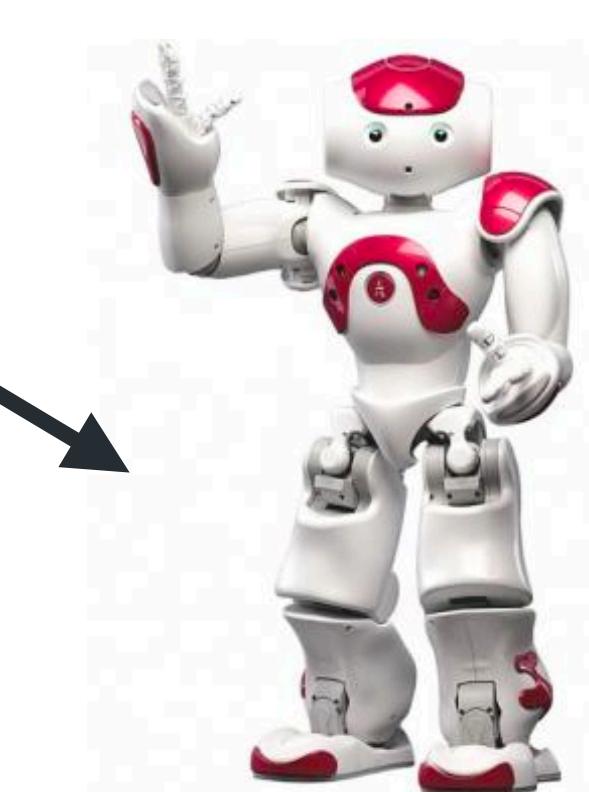


Espresso Machine

Frontend



Water Dispenser
Water-Service



NAO
Coordinator-Service



Brewing Kettle
Brew-Service

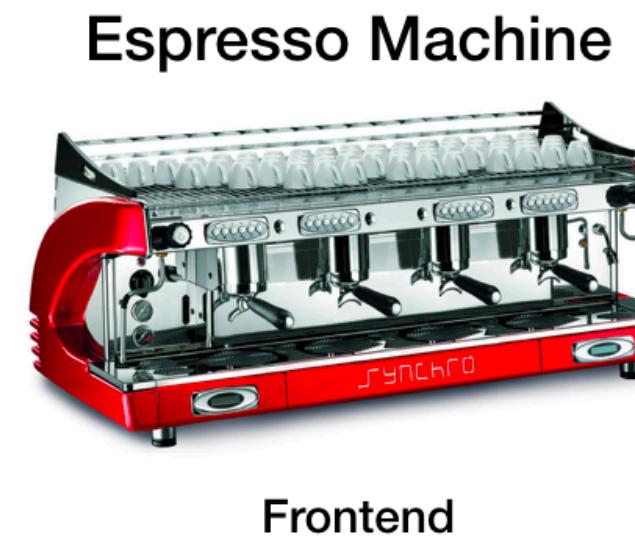


Tamper
Pressure As A Service



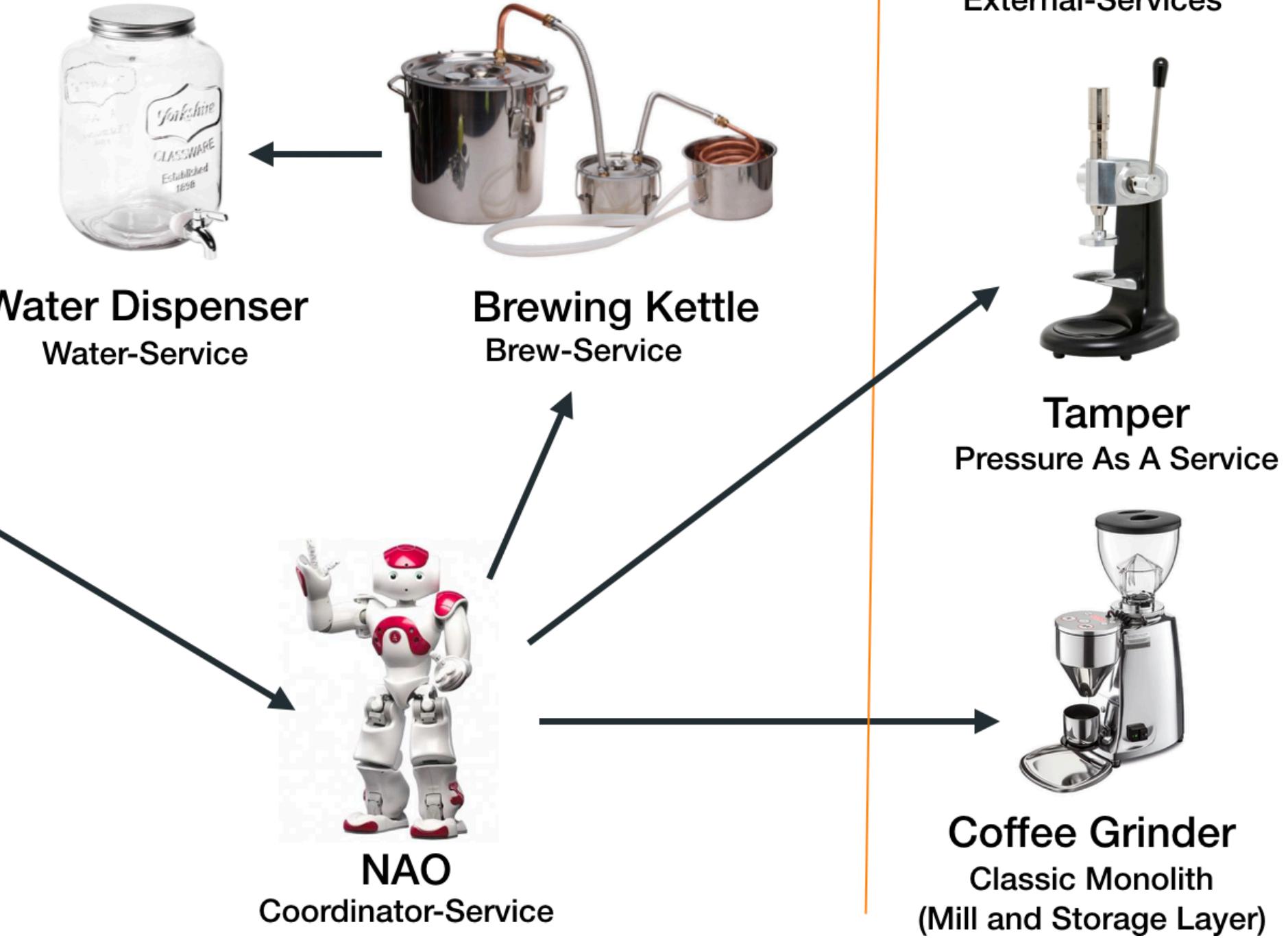
Coffee Grinder
Classic Monolith
(Mill and Storage Layer)

Let's Build: Espresso Machine



Espresso Machine

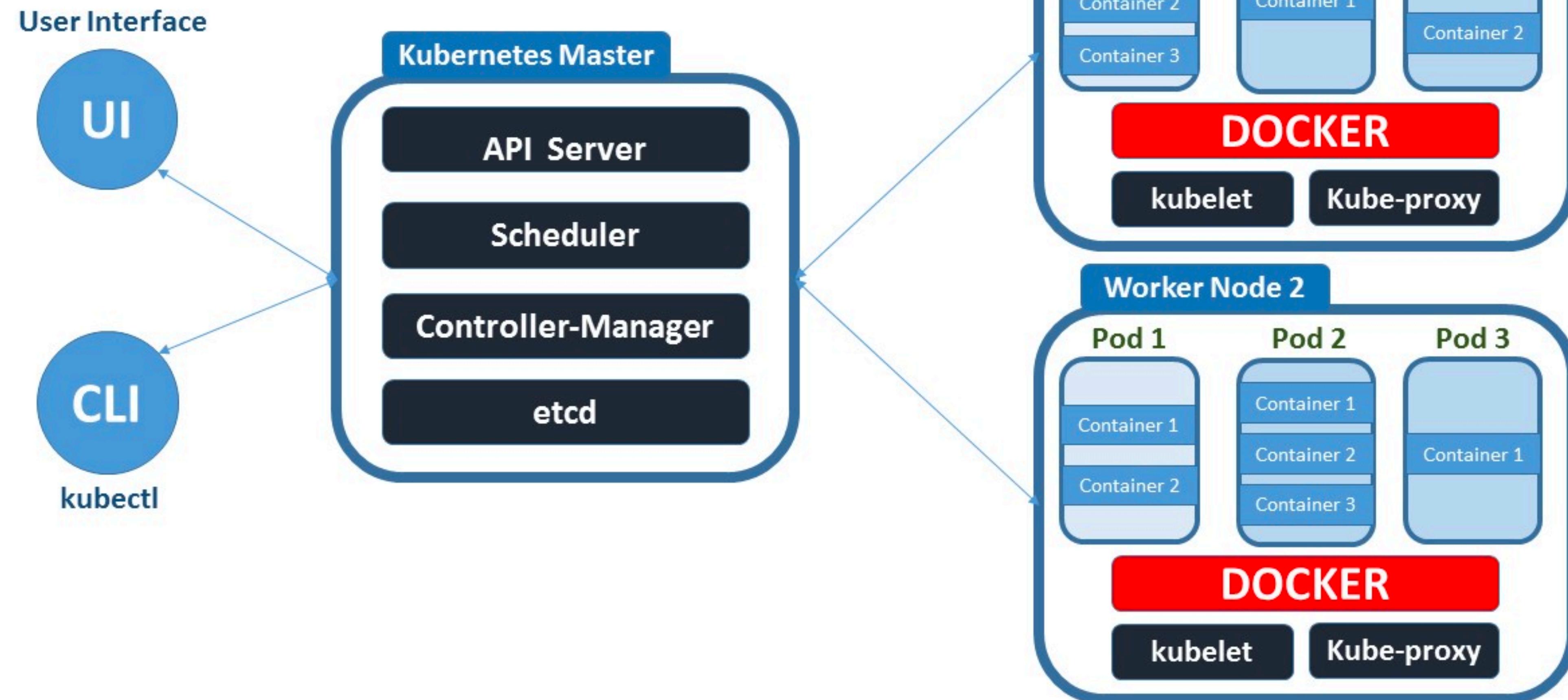
Frontend



kubernetes

KUBERNETES ARCHITECTURE

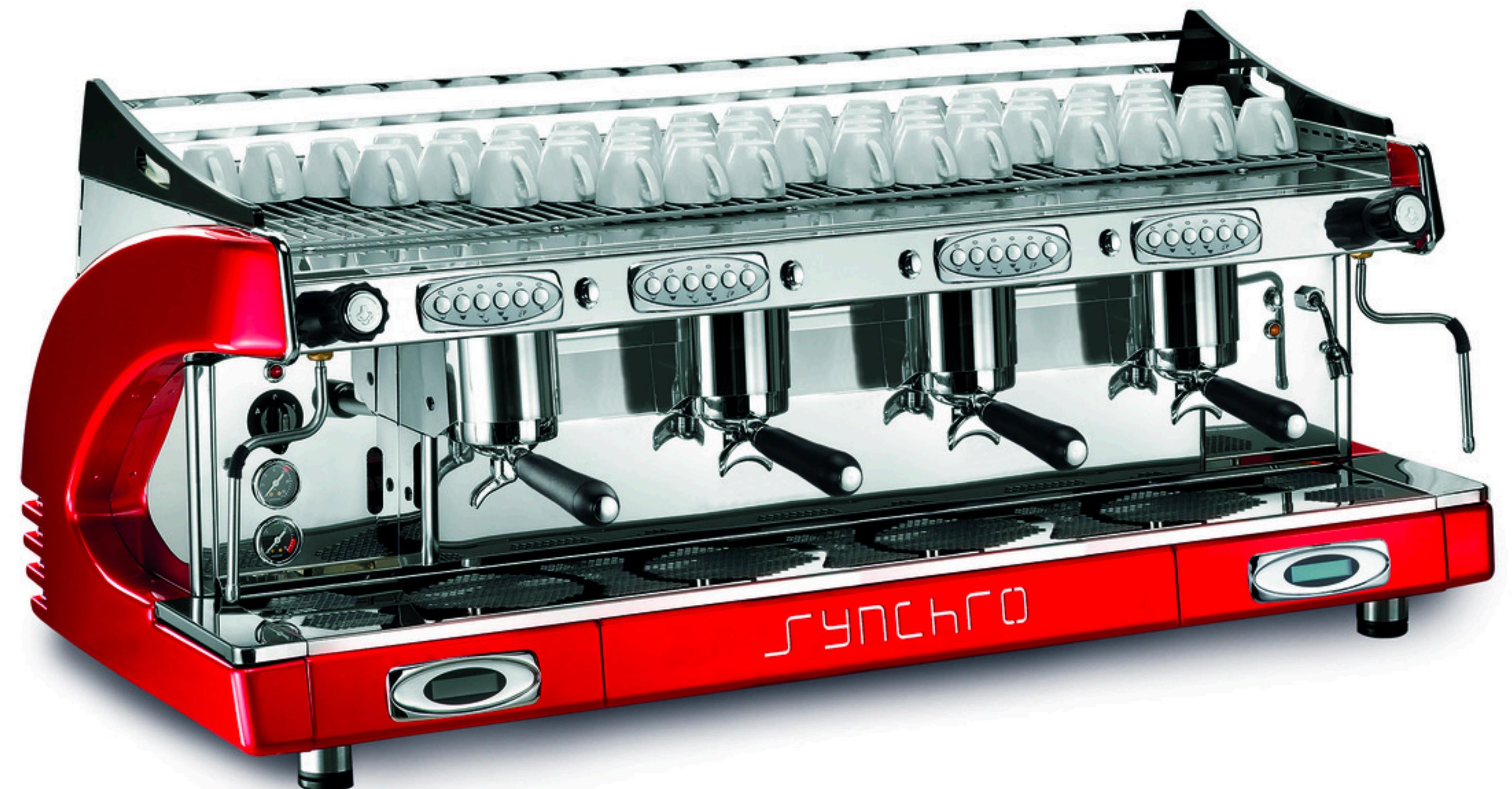
www.learnitguide.net





CaYAML

**Let's Build:
Espresso Machine**



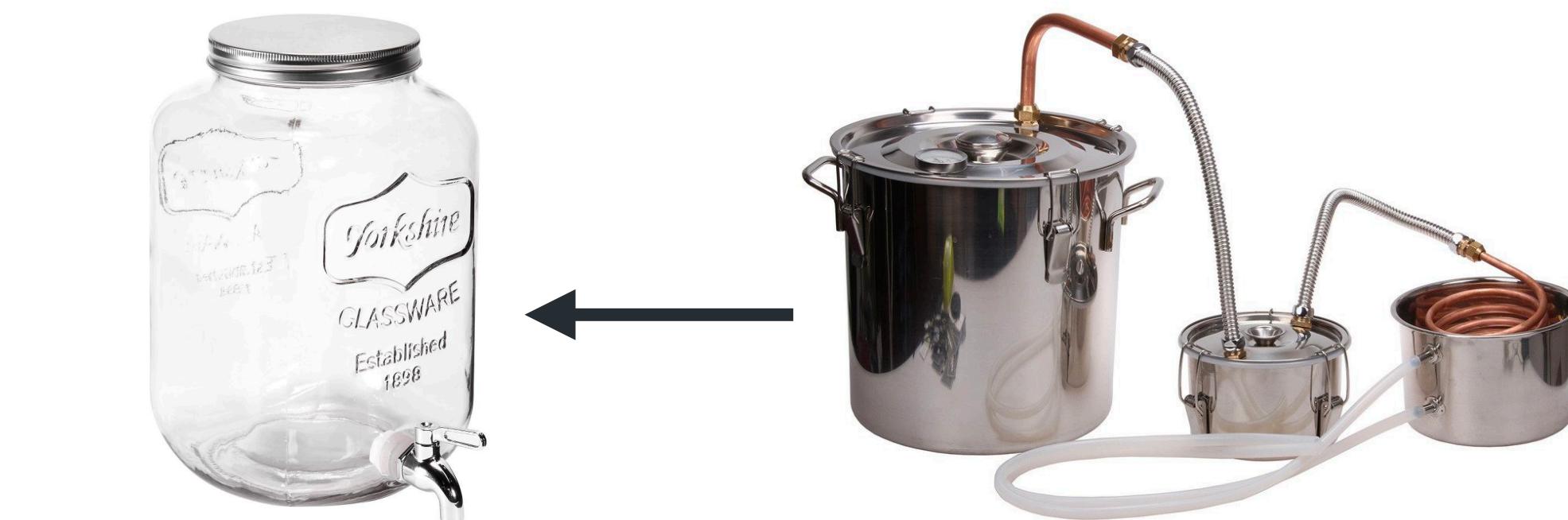
Demo

Let's Build: Espresso Machine

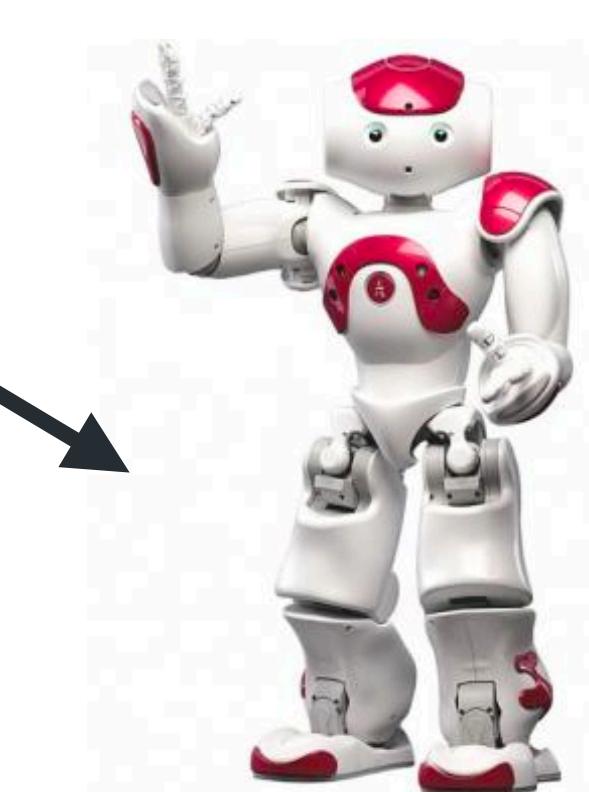


Espresso Machine

Frontend



Water Dispenser
Water-Service



NAO
Coordinator-Service



Brewing Kettle
Brew-Service

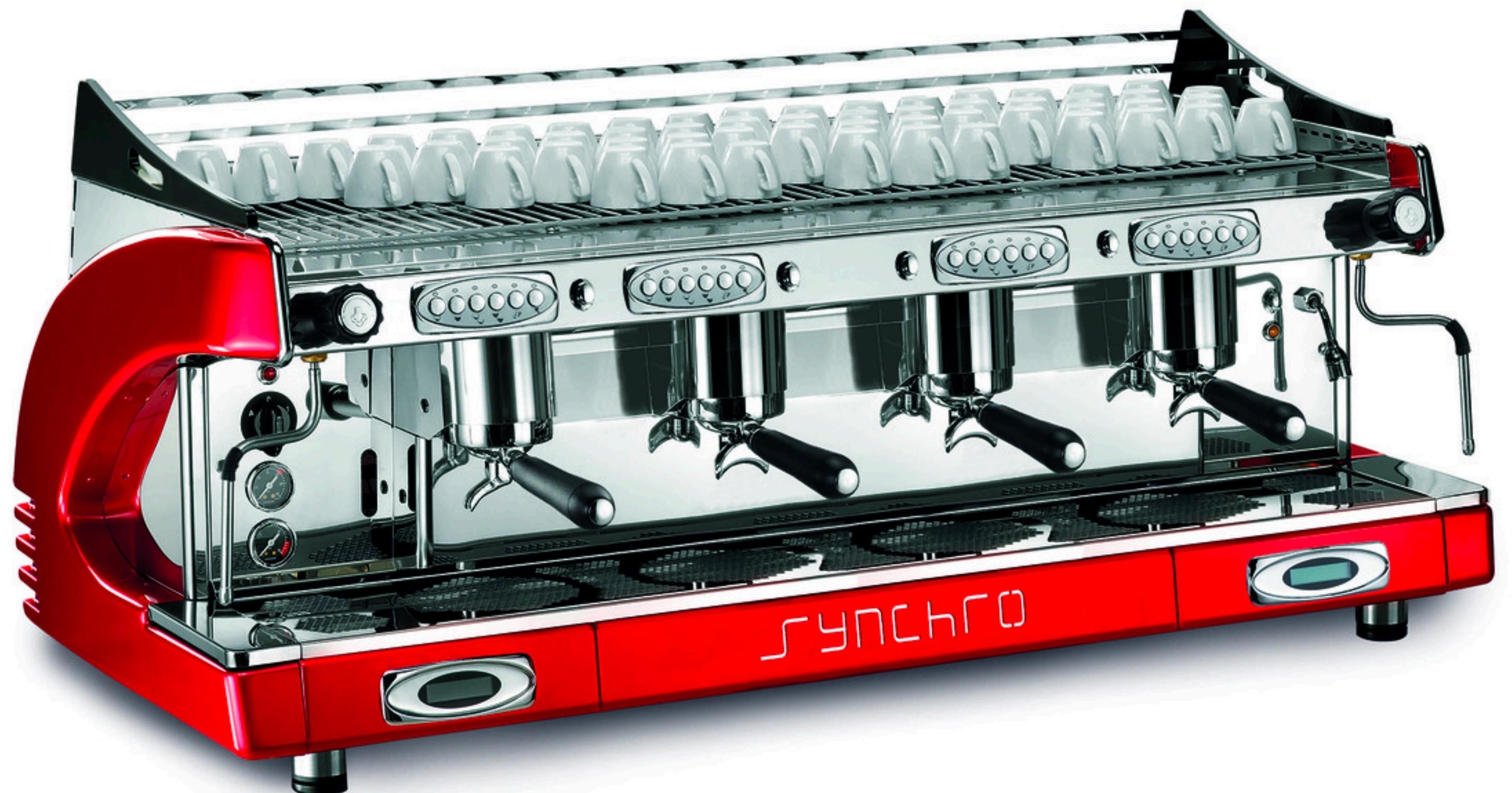


Tamper
Pressure As A Service



Coffee Grinder
Classic Monolith
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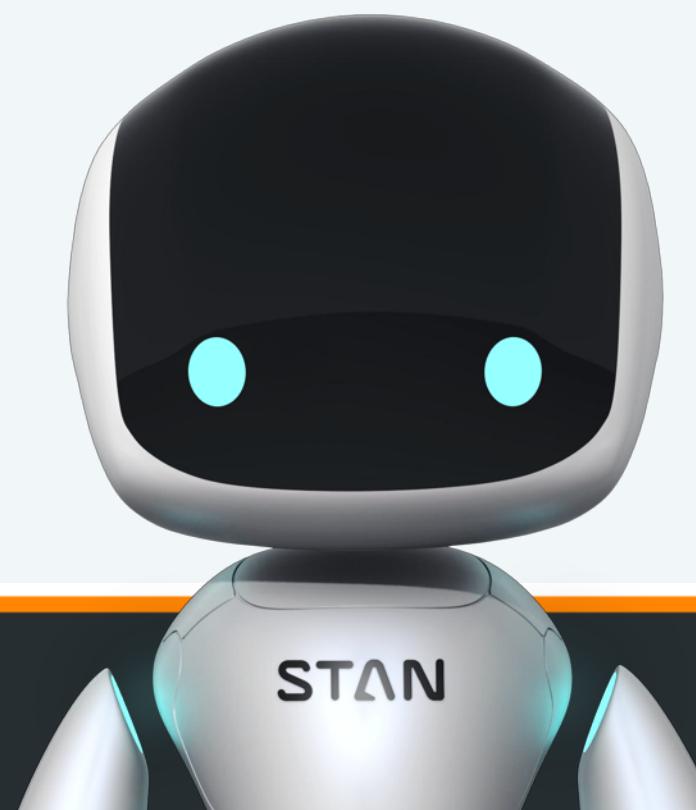
Let's Build:
Espresso Machine
bit.ly/utrecht-o-presso



Let's Try It Out!

Questions?

? ? ?





Thank You



? ? ?



😊 Thank You 😊

And Don't Forget instana.com/trial
Don't slow down, let the robot do the work.

