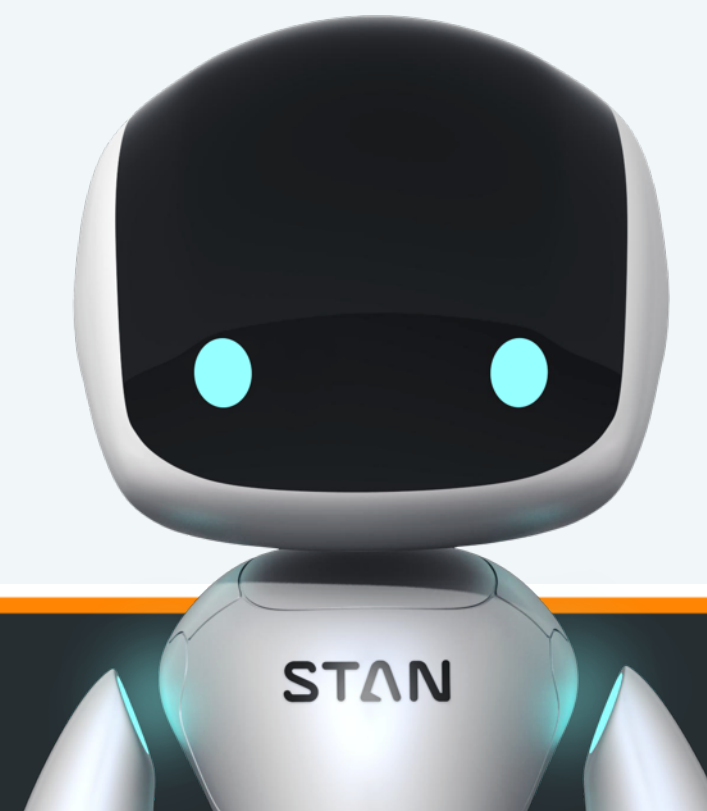


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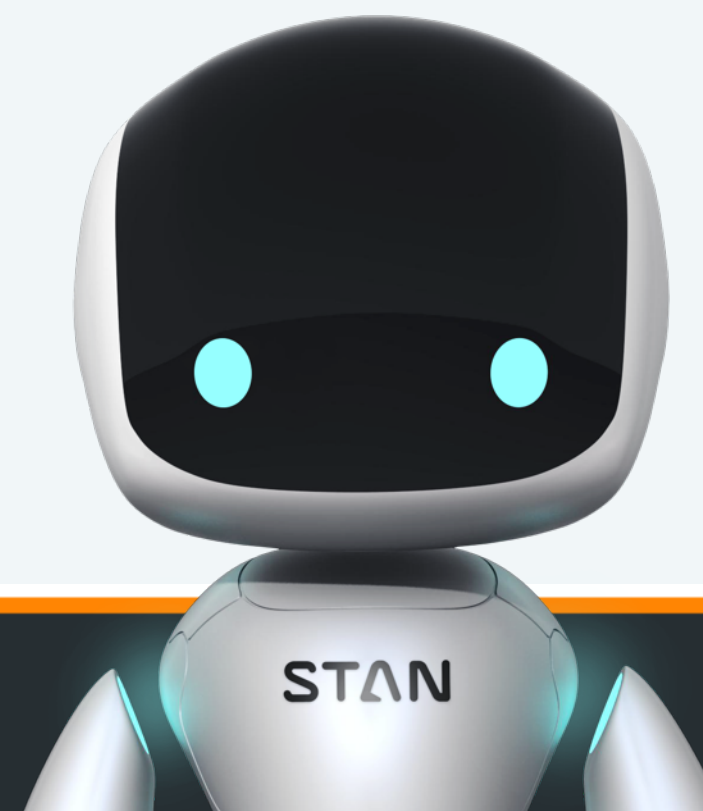
Instan(t)a-neous Monitoring



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Instan(t)a-neous Monitoring

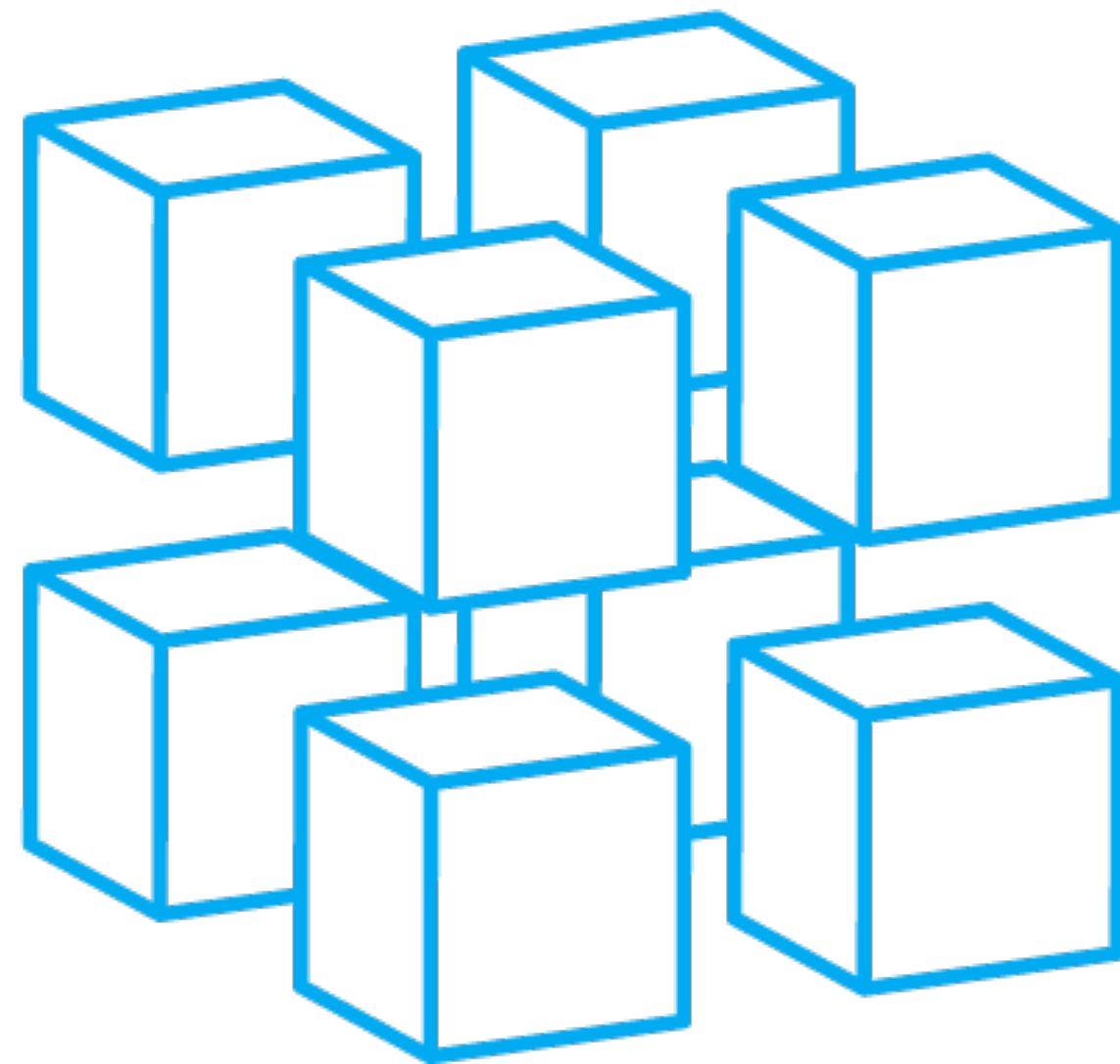
**Have You Ever Had The Feeling You Wanted To Monitor
Something But You Forgot To Configure It Upfront?**



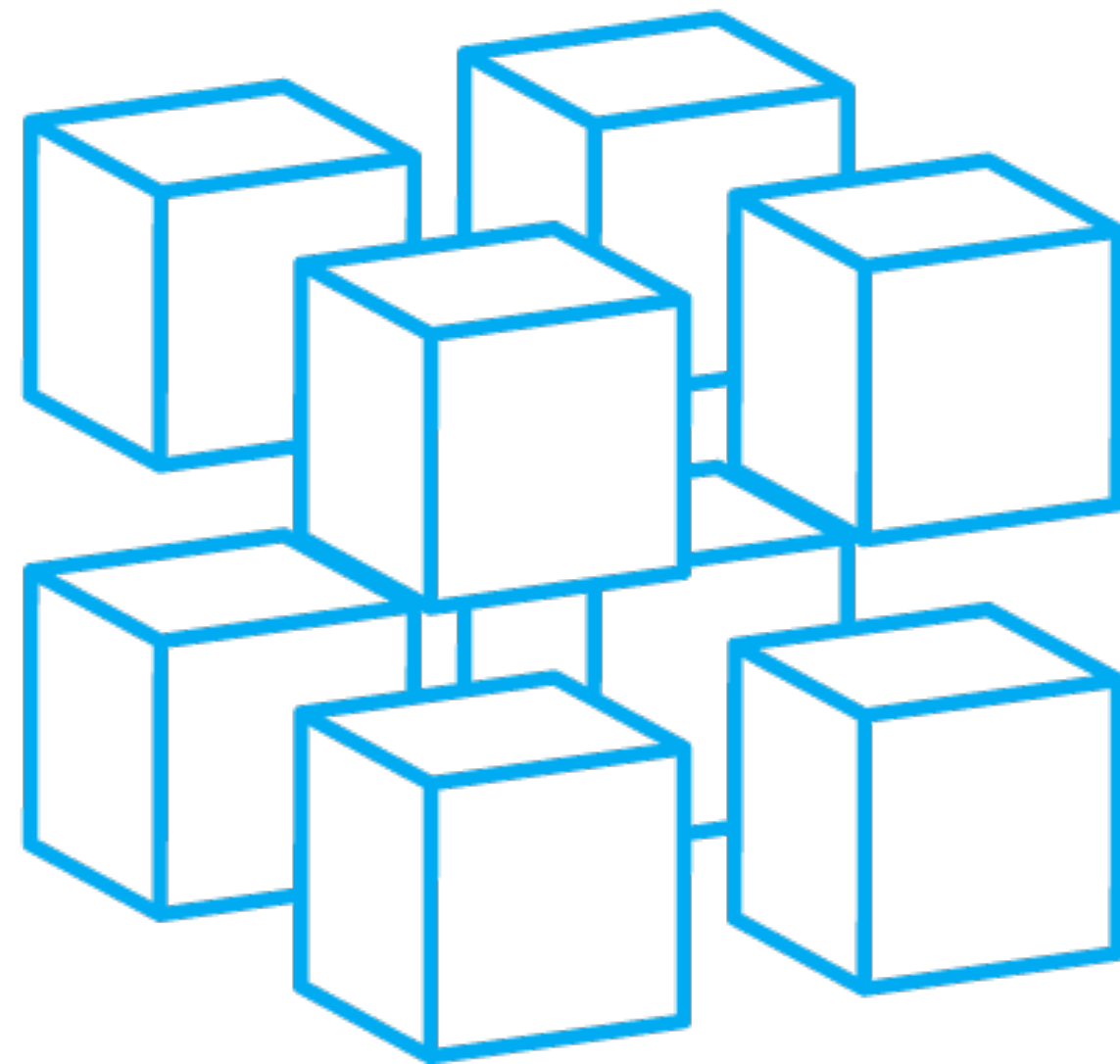


Let's Play A Game!

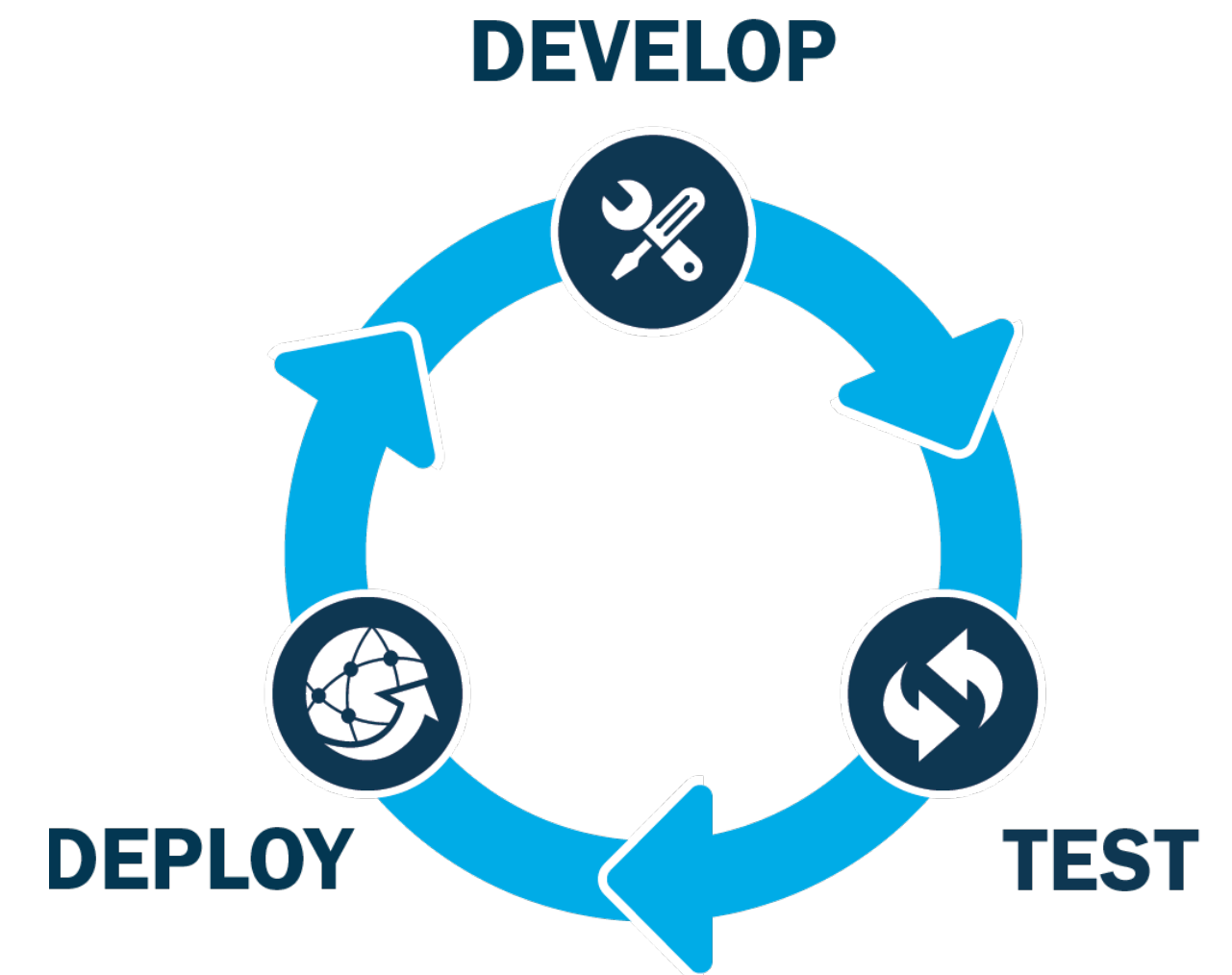




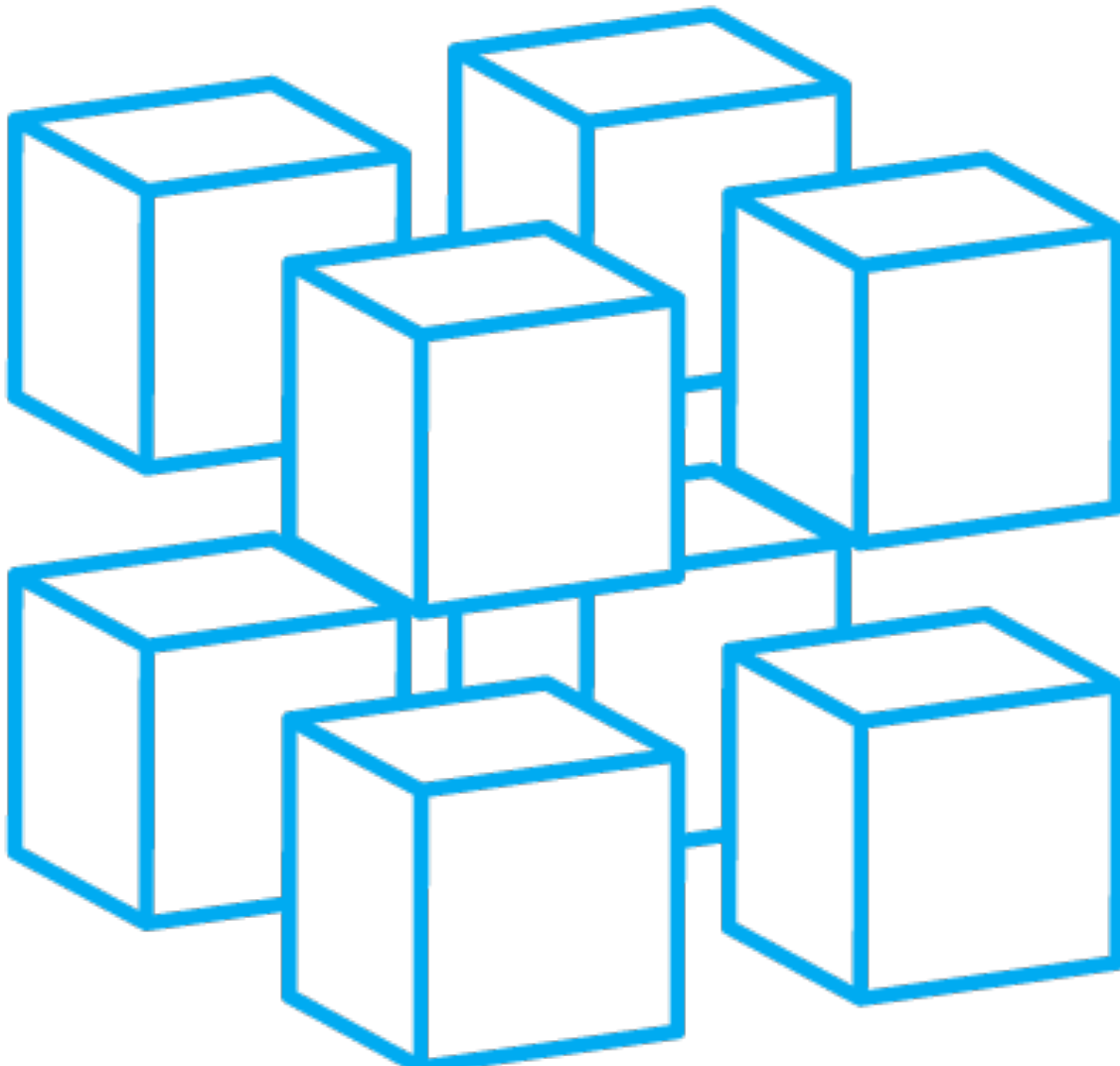
**Modular Applications /
Microservices?**



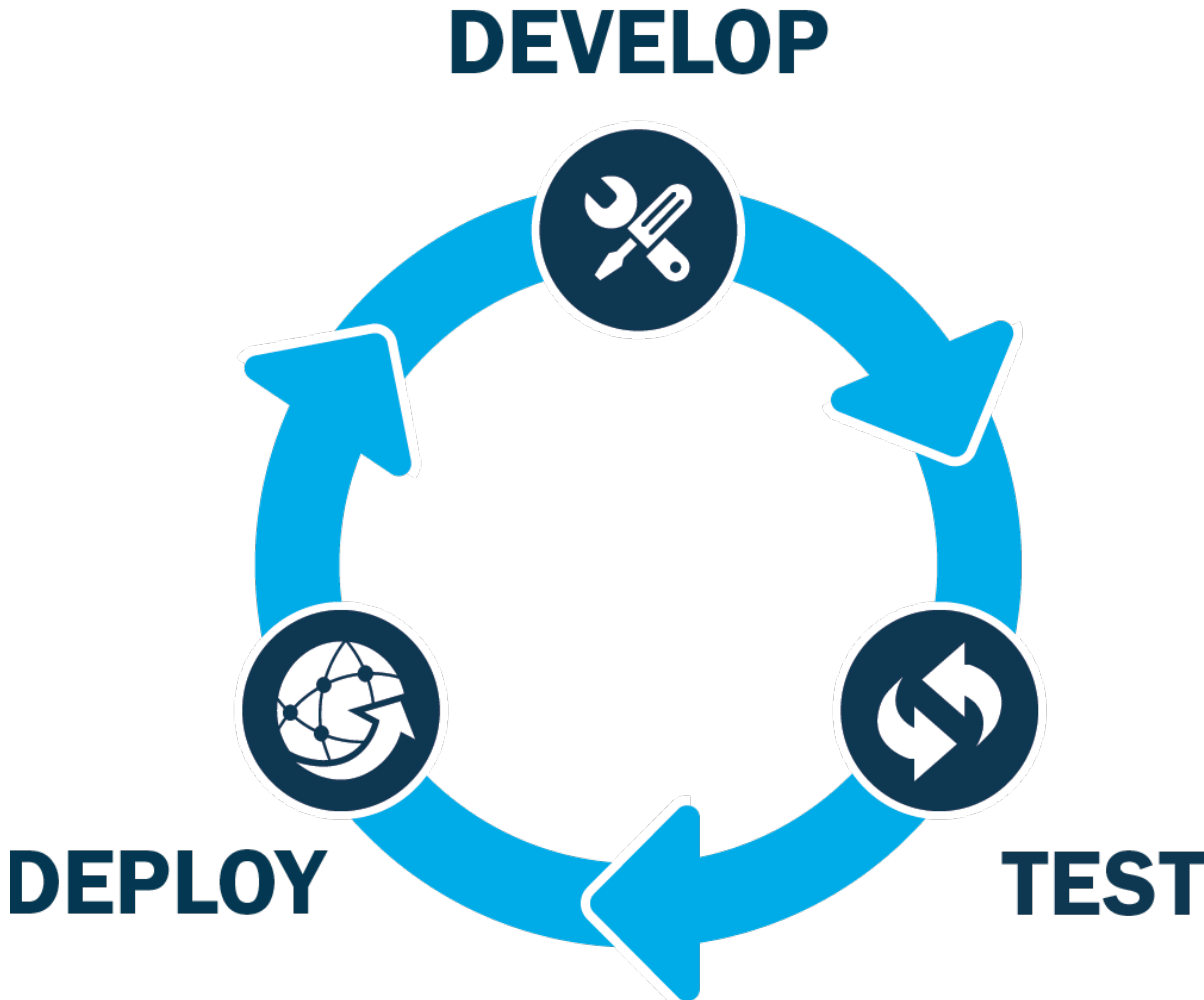
Modular Applications /
Microservices?



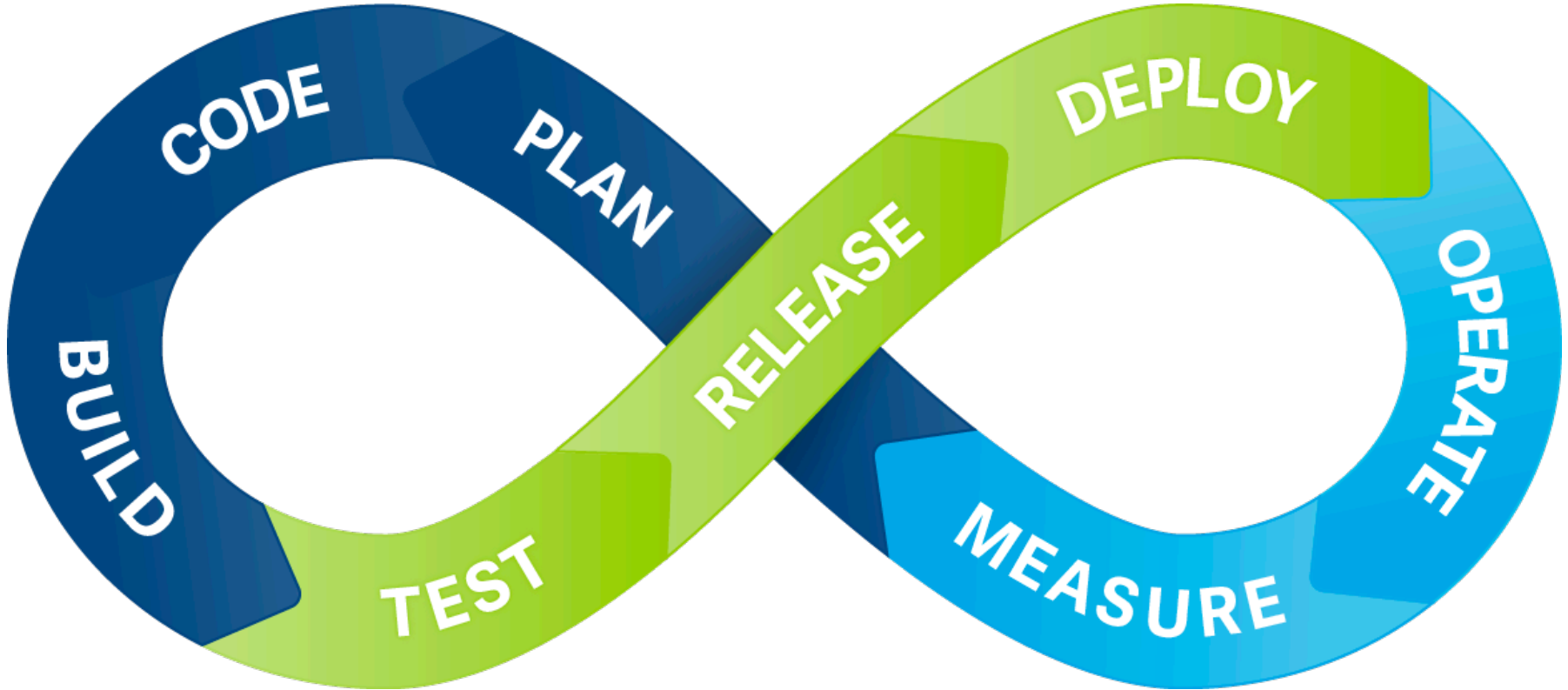
Continuous Integration?



Modular Applications /
Microservices?



Continuous Integration?



Continuous Deployment?

- **Chris Engelbert**
- **Senior Developer Advocate @ Instana**

- **Java-Passionate (10+ years)**
- **Go (2 years)**

- **Performance**
- **Garbage Collection**
- **Benchmark Fairytales**







Prefers Kotlin



Adores TypeScript



Codes Java





Prefers Kotlin



Adores TypeScript



golang
Kinda likes Go



Codes Java





Prefers Kotlin



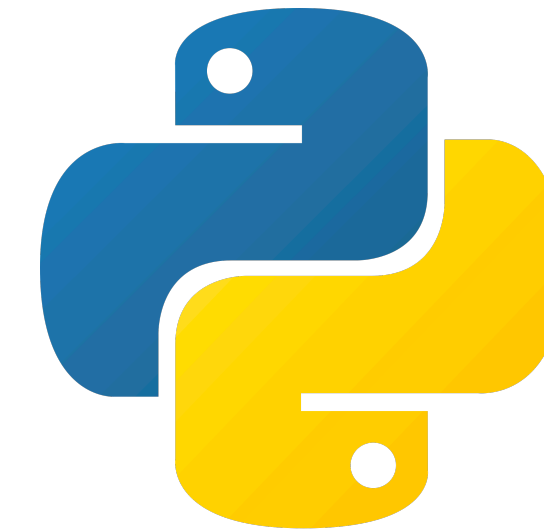
Adores TypeScript



golang
Kinda likes Go



Forced to use JS



Totally hates Python



Codes Java





Prefers Kotlin



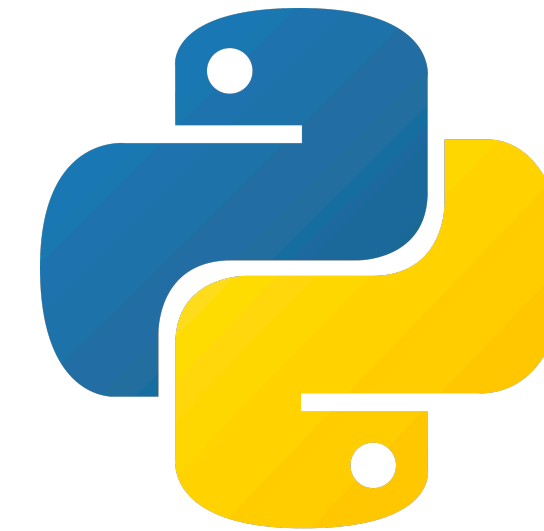
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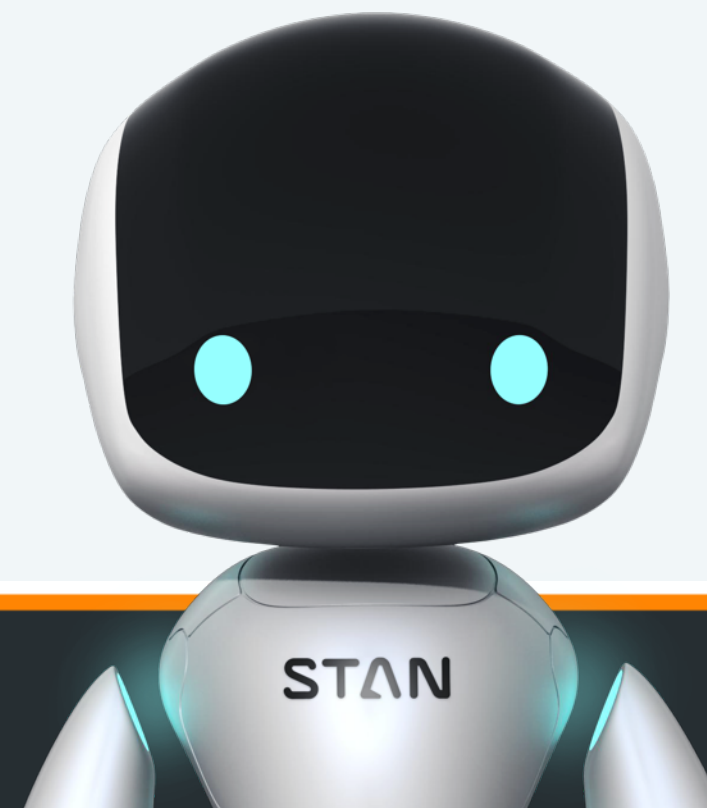


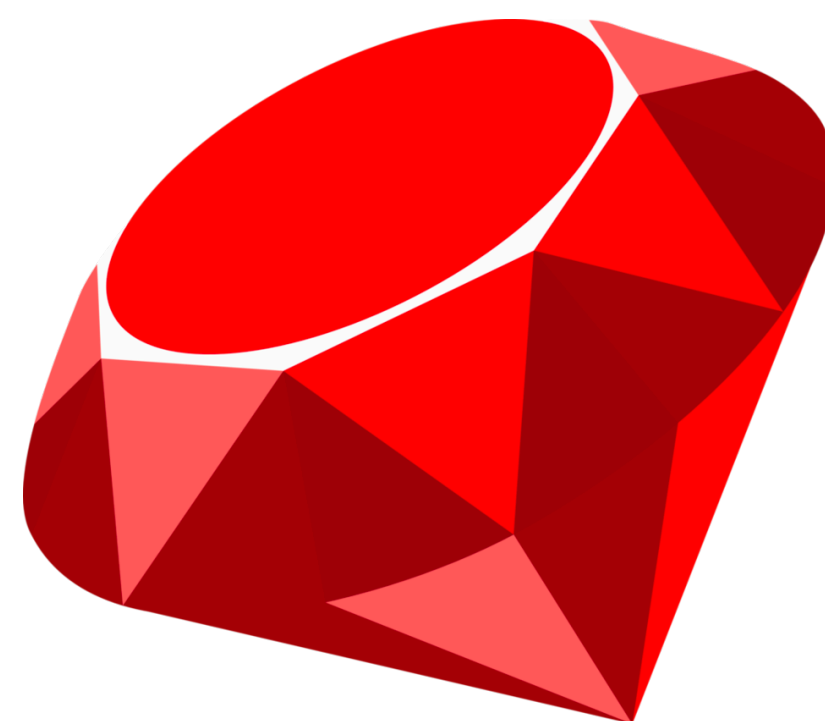
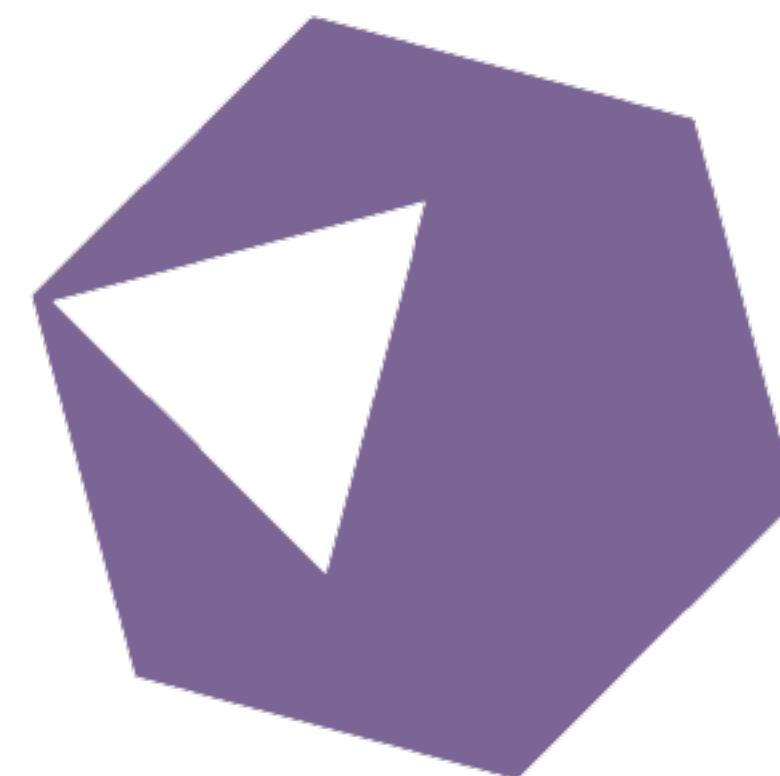
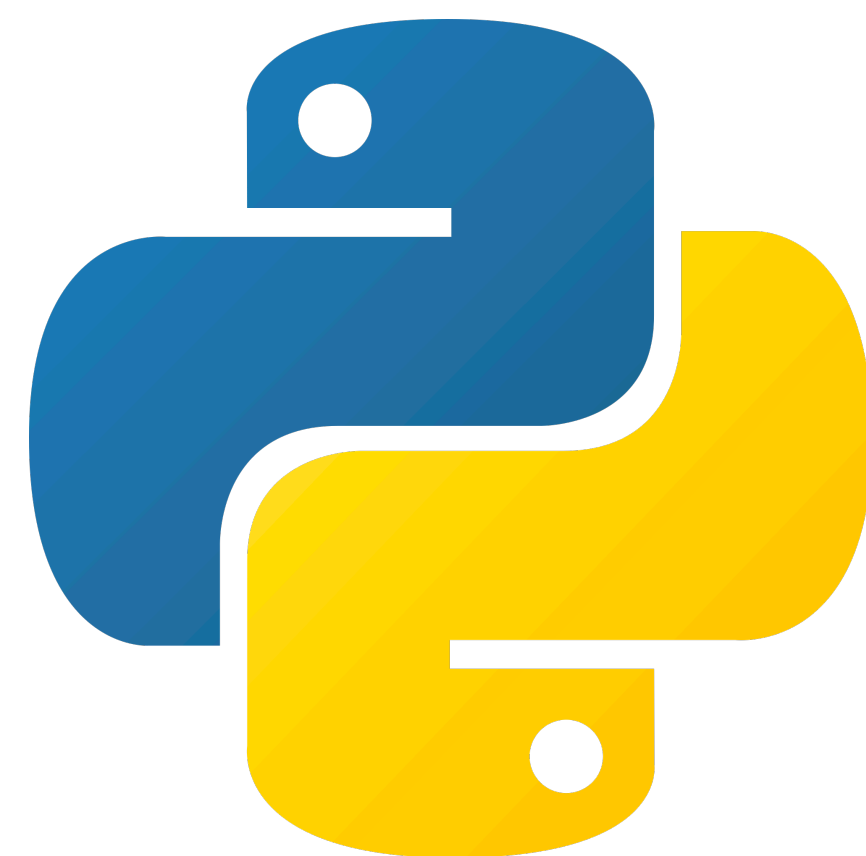
Codes Java



LOVES BEER!
(Dah, German)

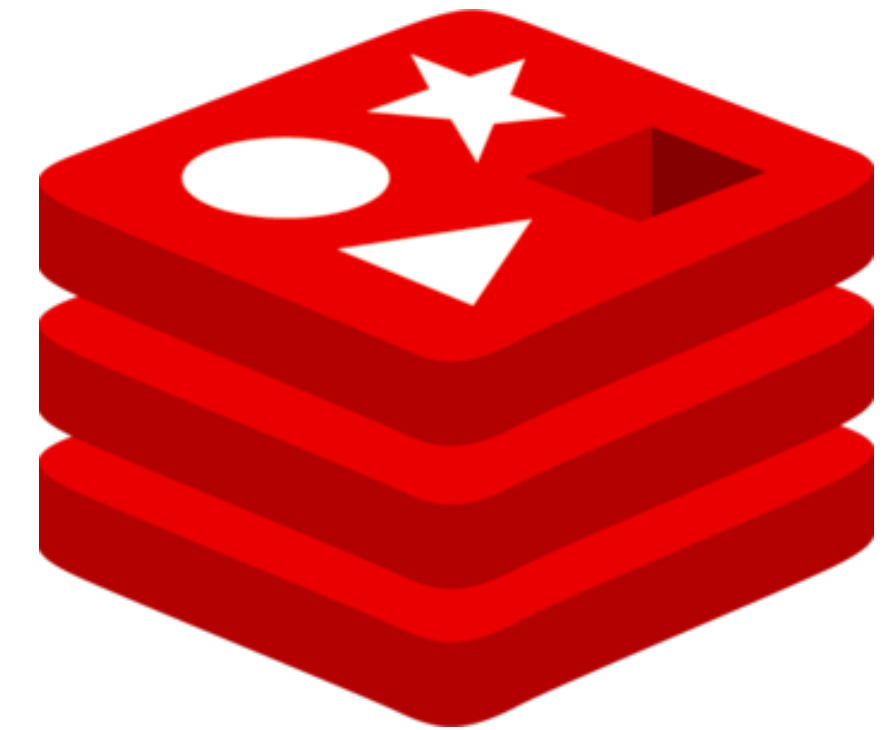
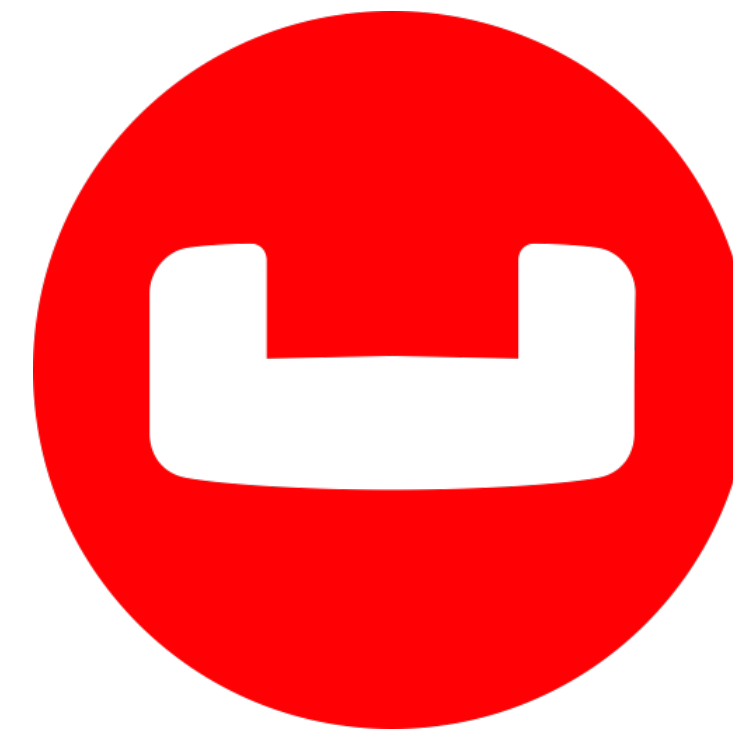
What Does Modern Application Designs Look Like?







TM

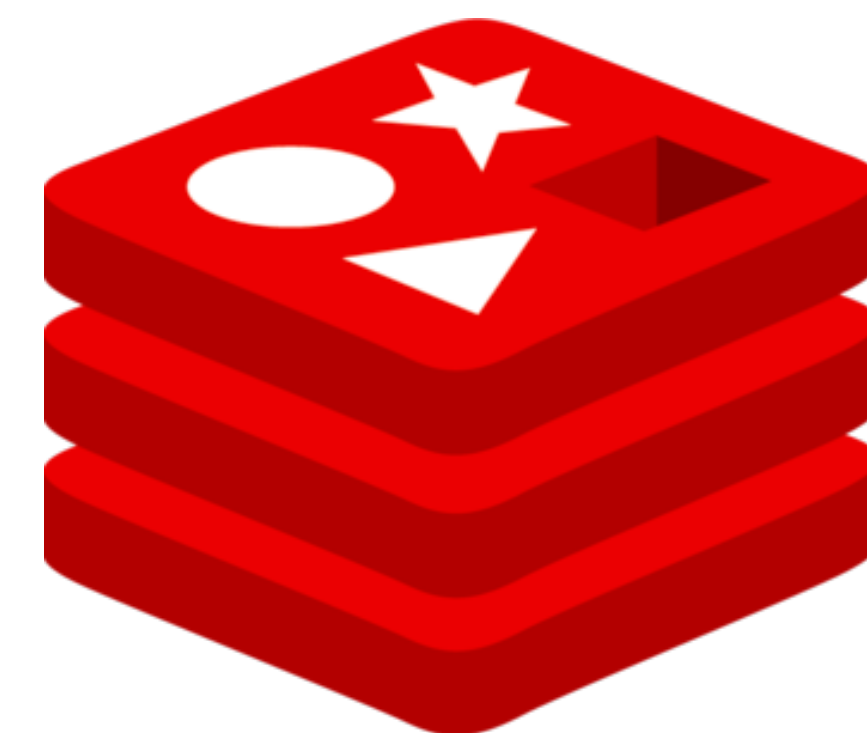


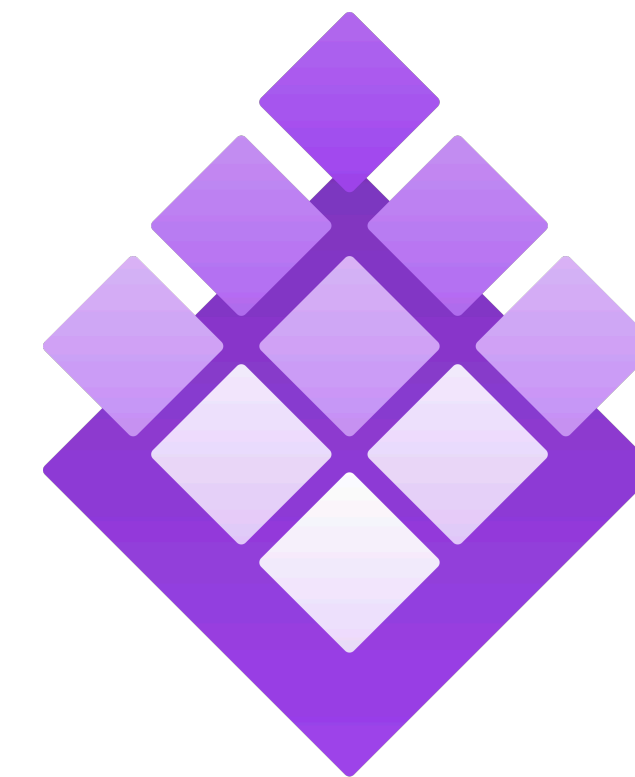
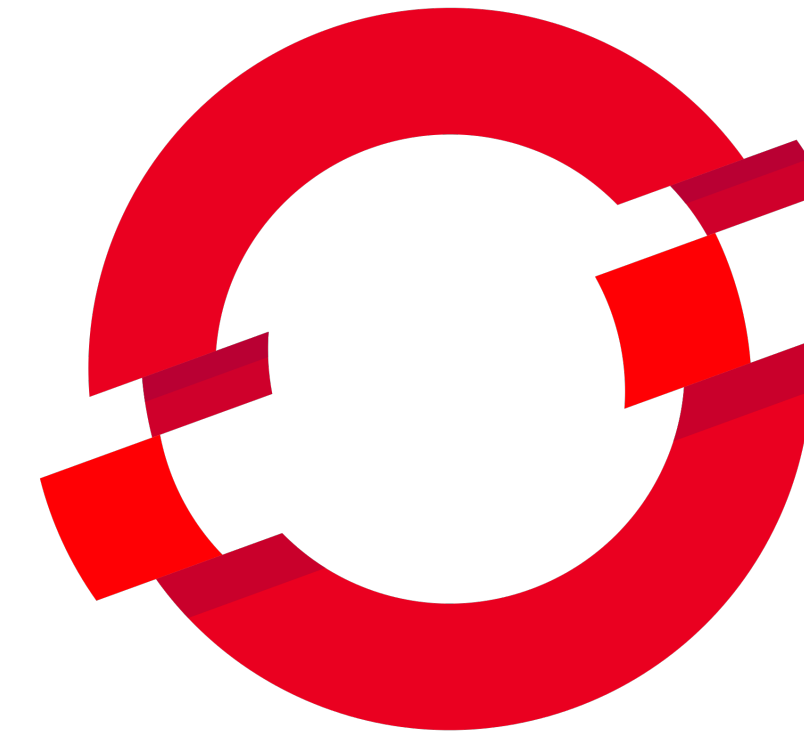
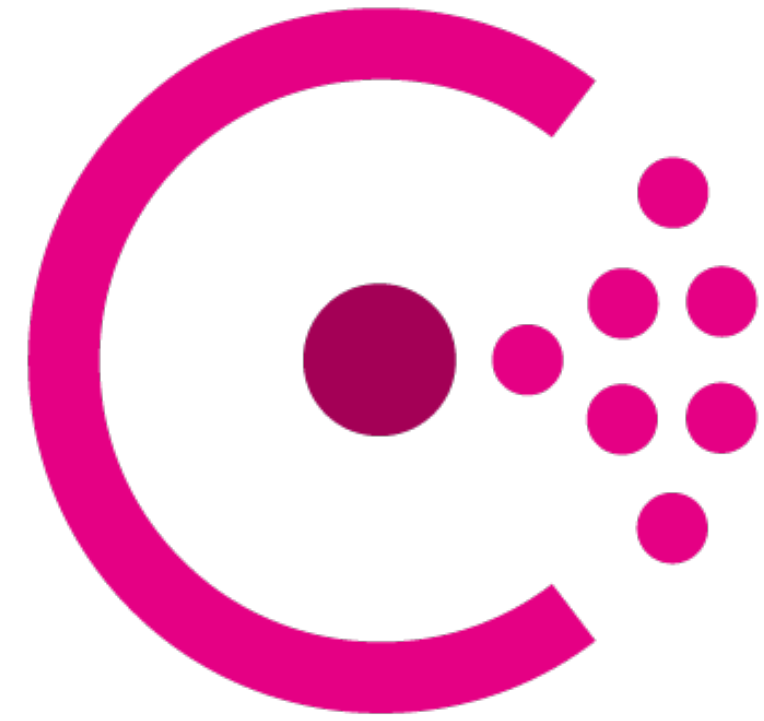
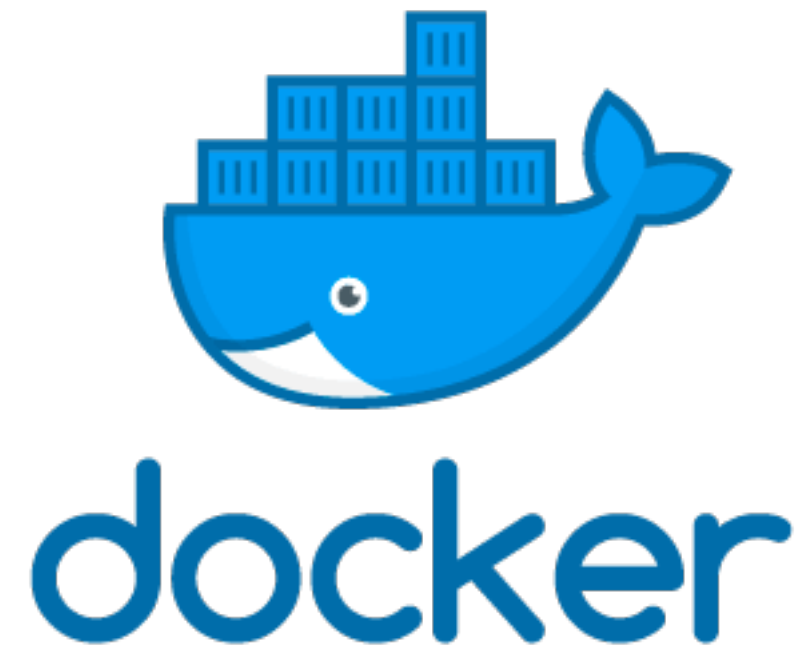


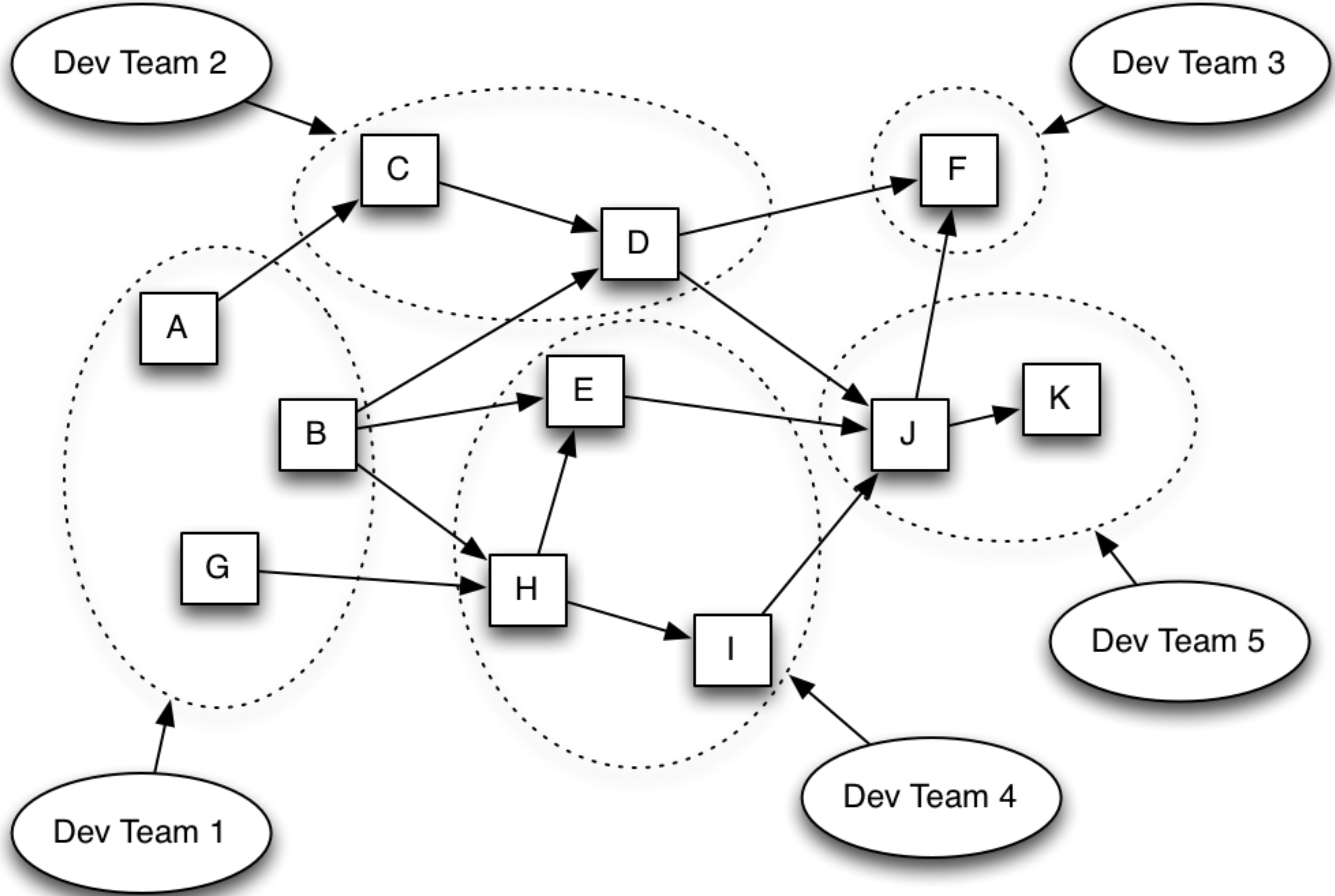
TM



Beefy Server

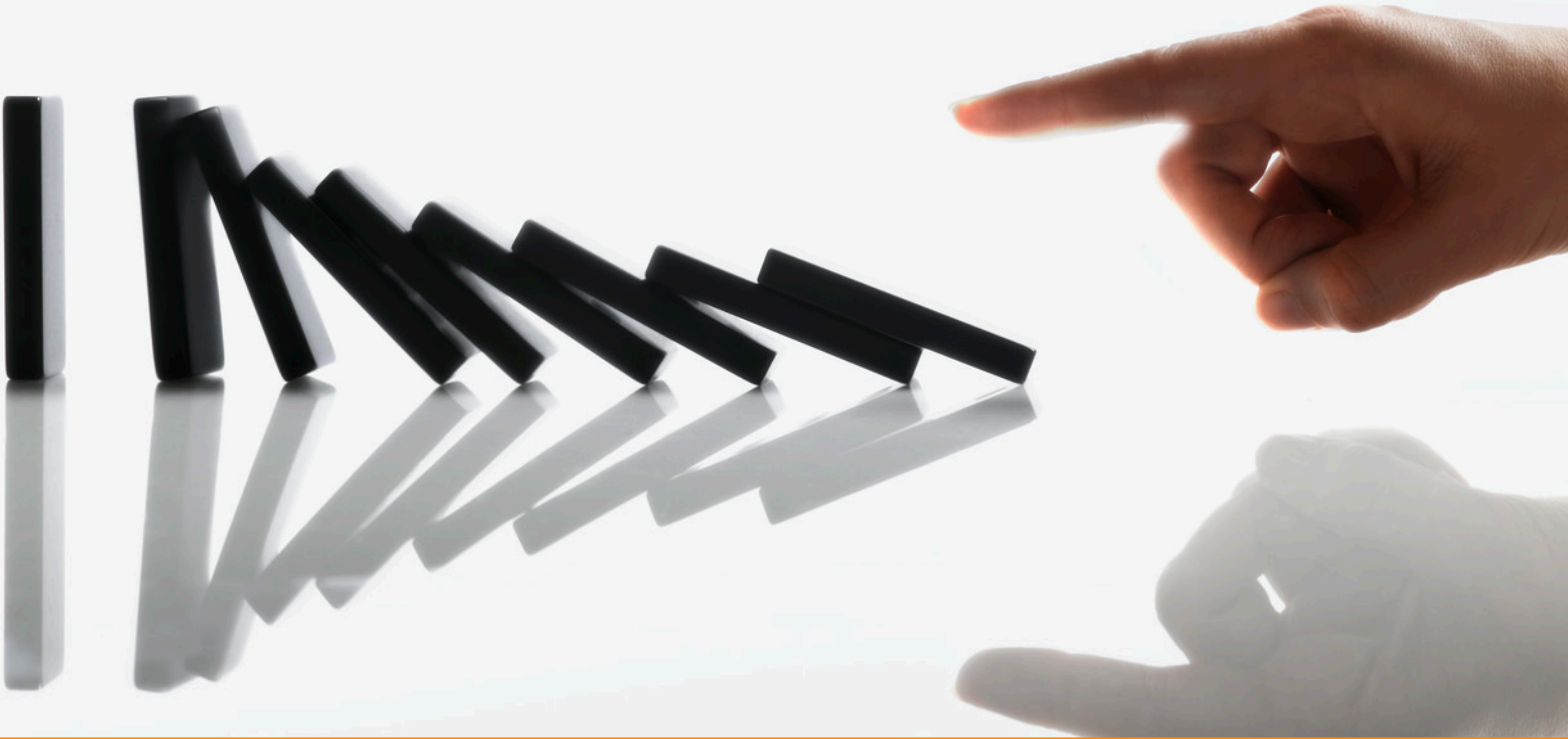
















Service Slowdown

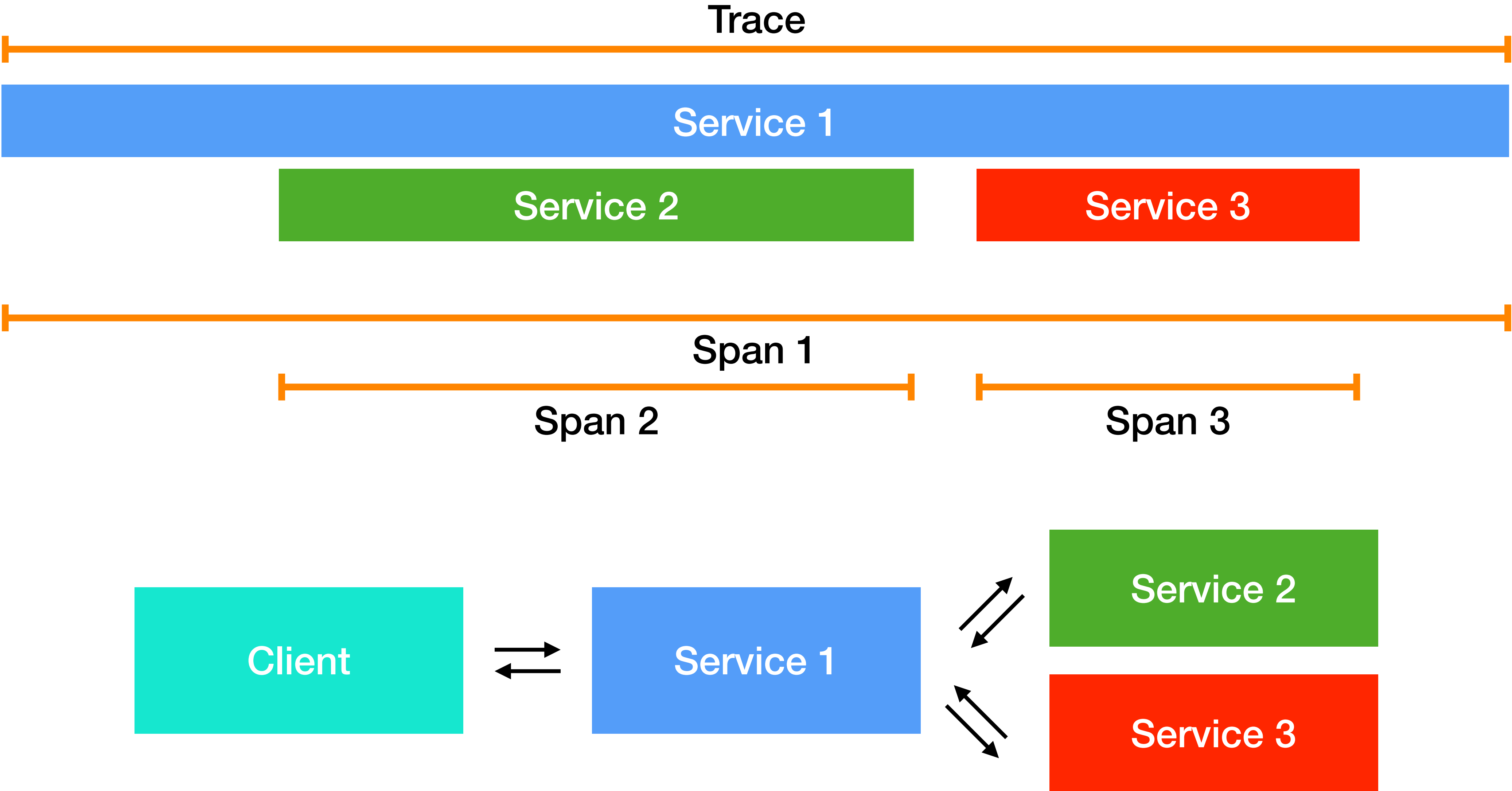


Continuous Monitoring



Distributed Tracing







We all love Coffee!

INSTANA



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



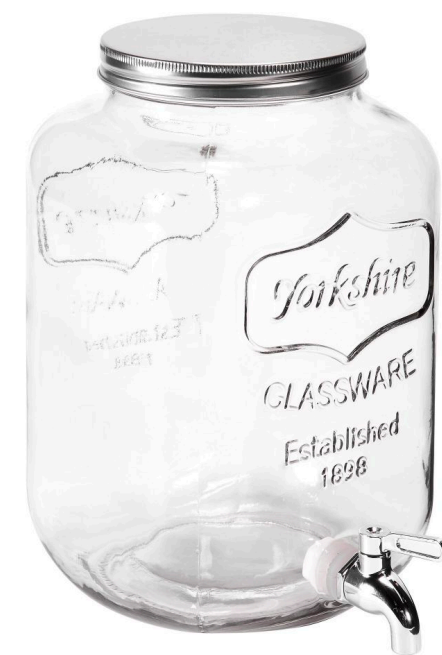
... we're going full scale (parallelism rules)!

Let's Build: Espresso Machine

Espresso Machine



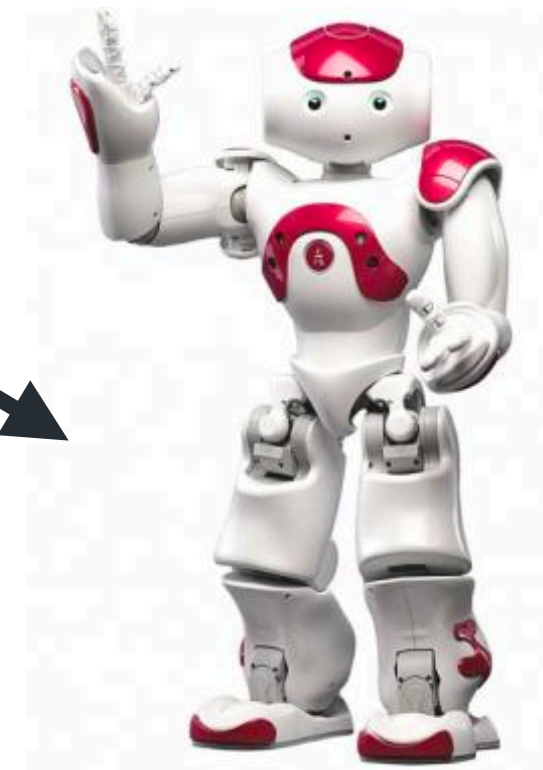
Frontend



Water Dispenser
Water-Service



Brewing Kettle
Brew-Service



NAO
Coordinator-Service



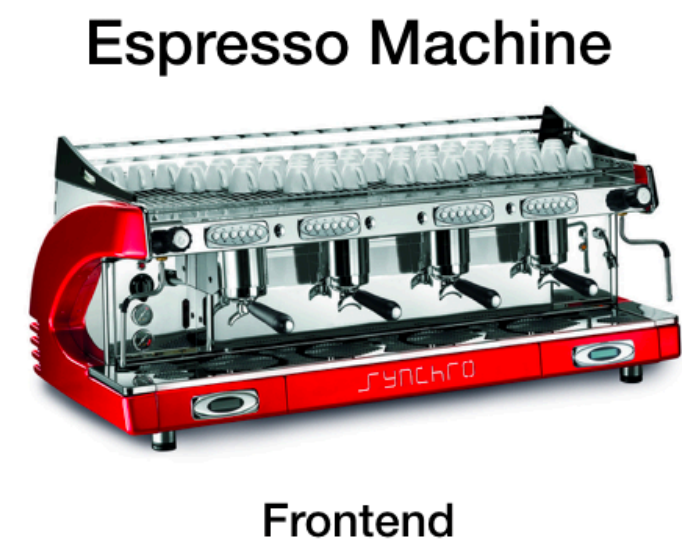
Tamper
Pressure As A Service



Coffee Grinder
Classic Monolith
(Mill and Storage Layer)

External-Services

Let's Build:
Espresso Machine



Water Dispenser
Water-Service

Brewing Kettle
Brew-Service



NAO
Coordinator-Service

External-Services



Tamper
Pressure As A Service



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Classic Monolith
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kubernetes

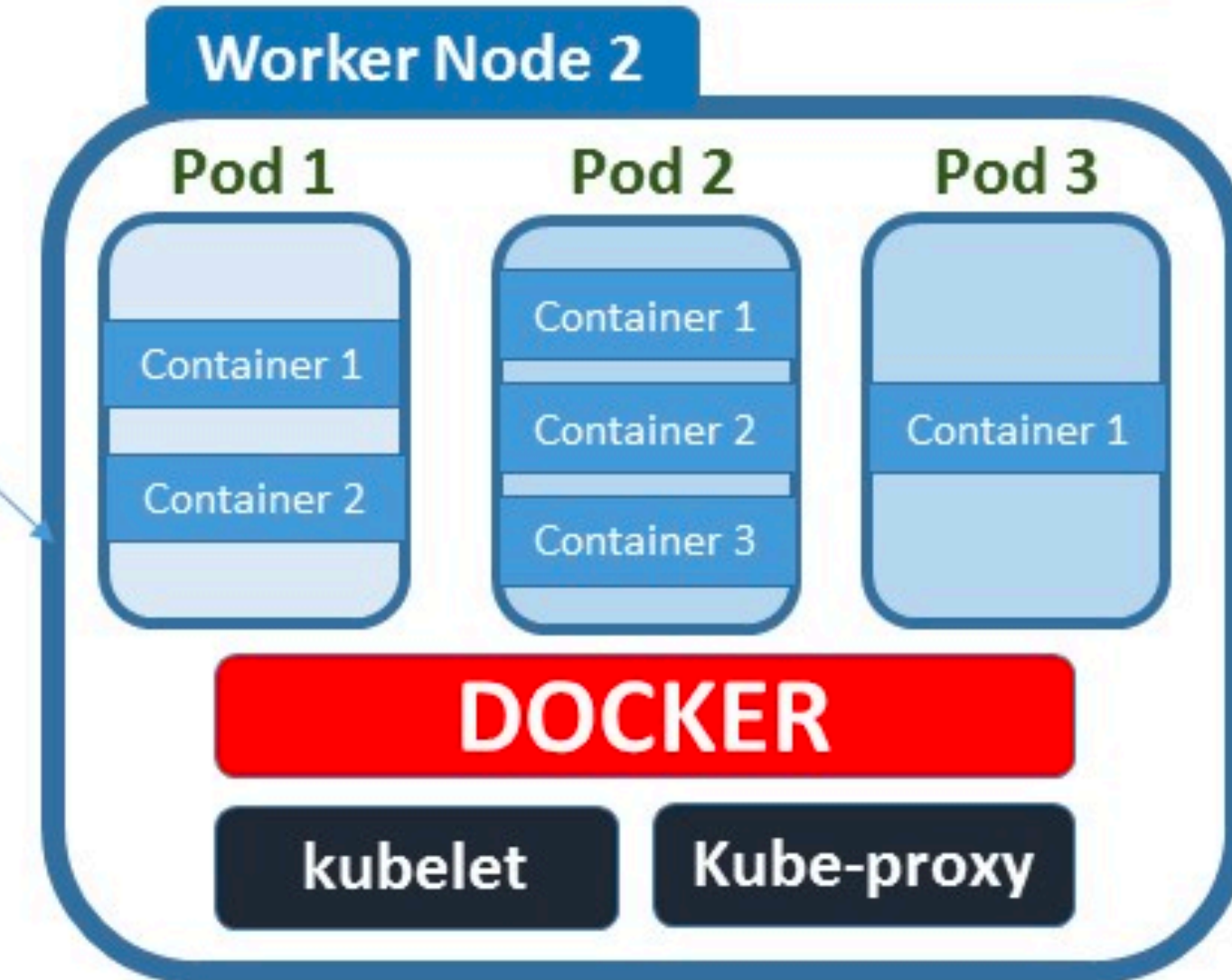
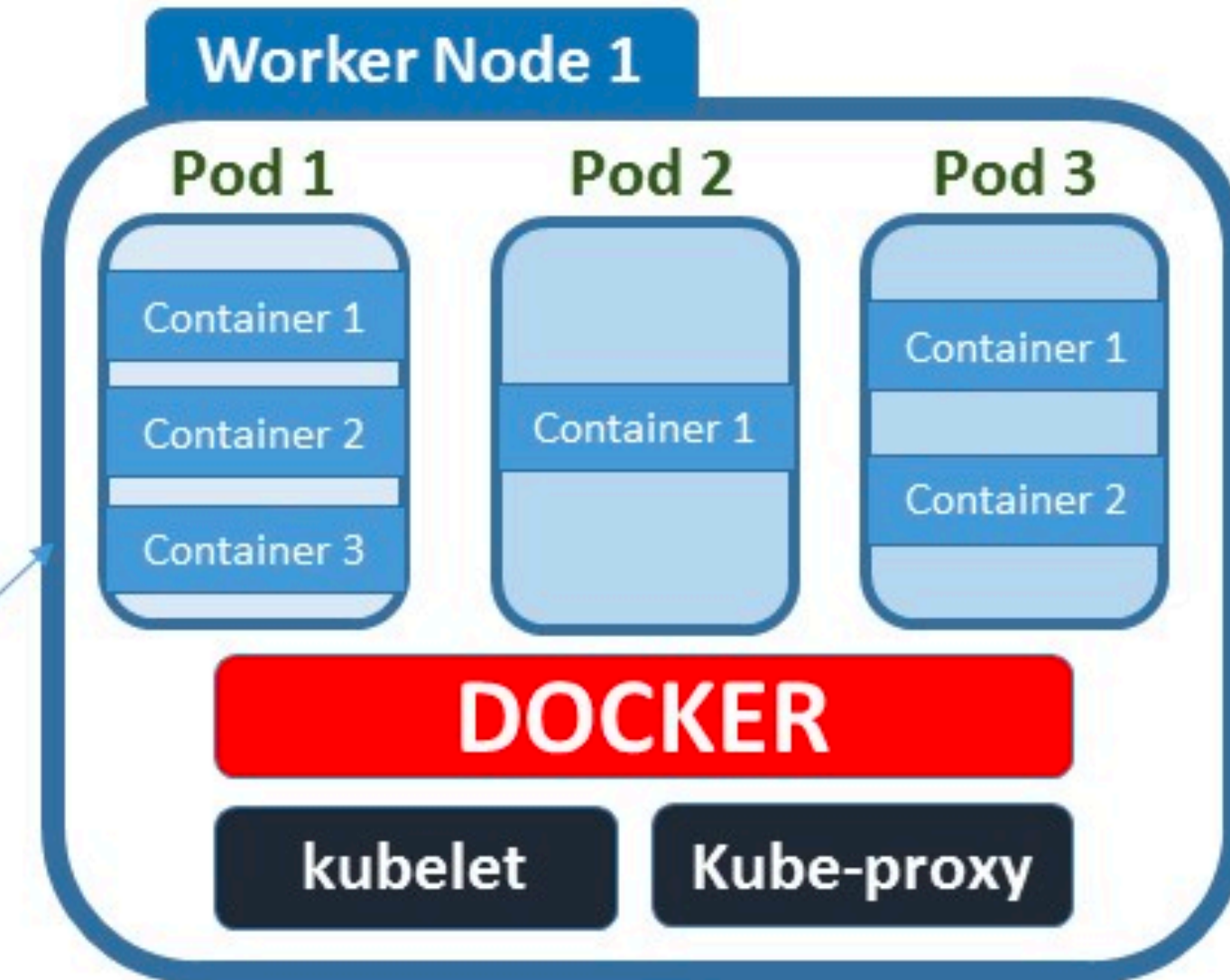
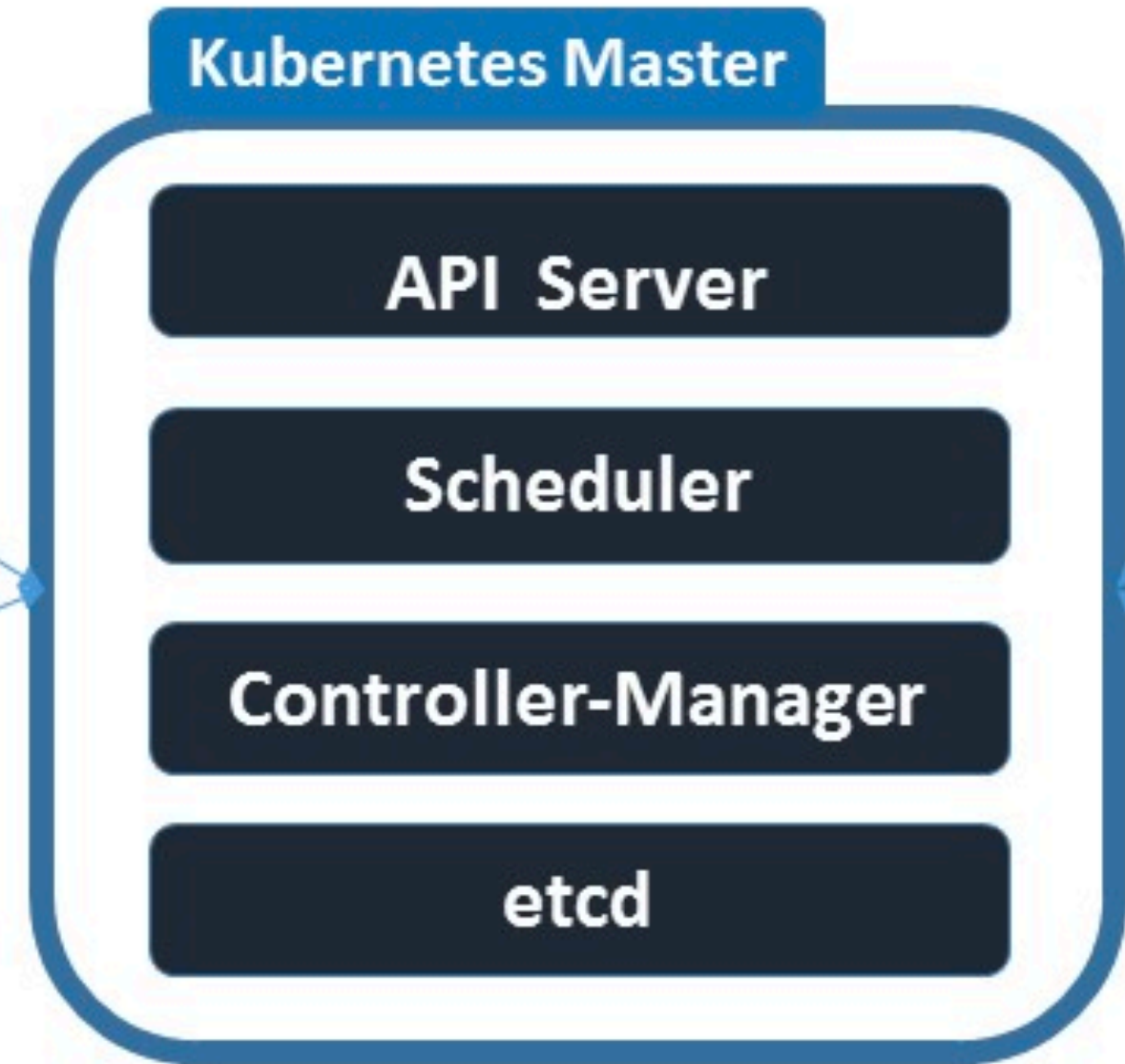
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KUBERNETES ARCHITECTURE

User Interface



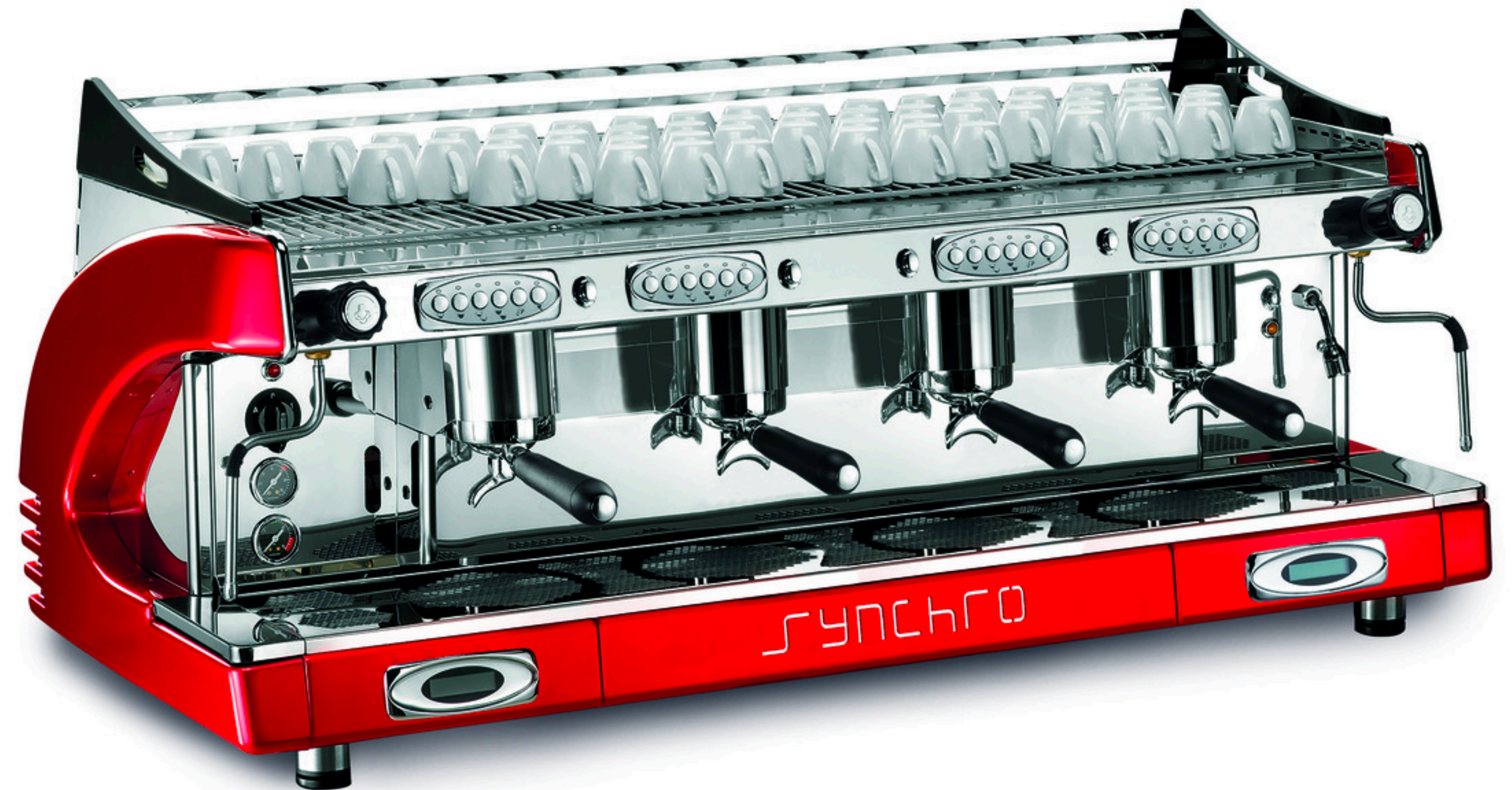
kubectl





CaYAML

Let's Build:
Espresso Machine



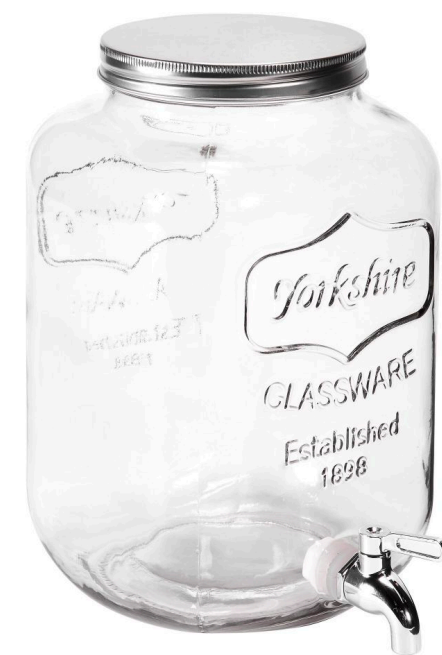
Demo

Let's Build: Espresso Machine

Espresso Machine



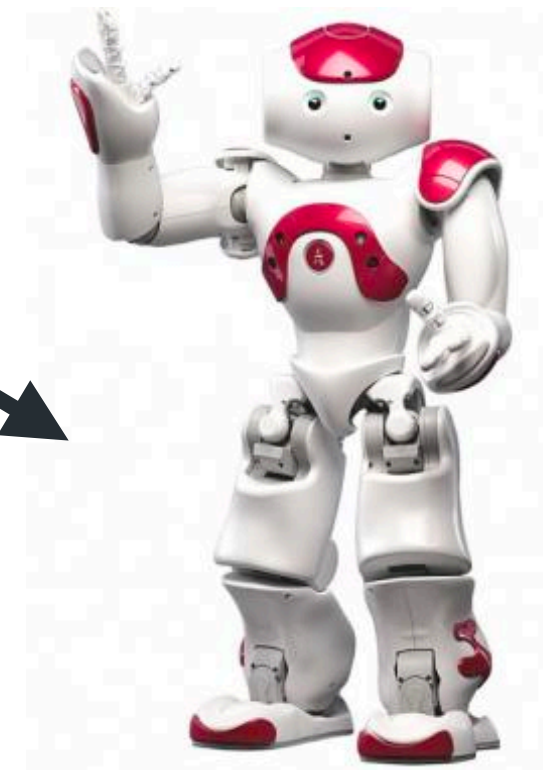
Frontend



Water Dispenser
Water-Service



Brewing Kettle
Brew-Service



NAO
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Tamper
Pressure As A Service



Coffee Grinder
Classic Monolith
(Mill and Storage Layer)

External-Services

Let's Build:
Espresso Machine
bit.ly/instana-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.

