

Building A Career In The Cloud

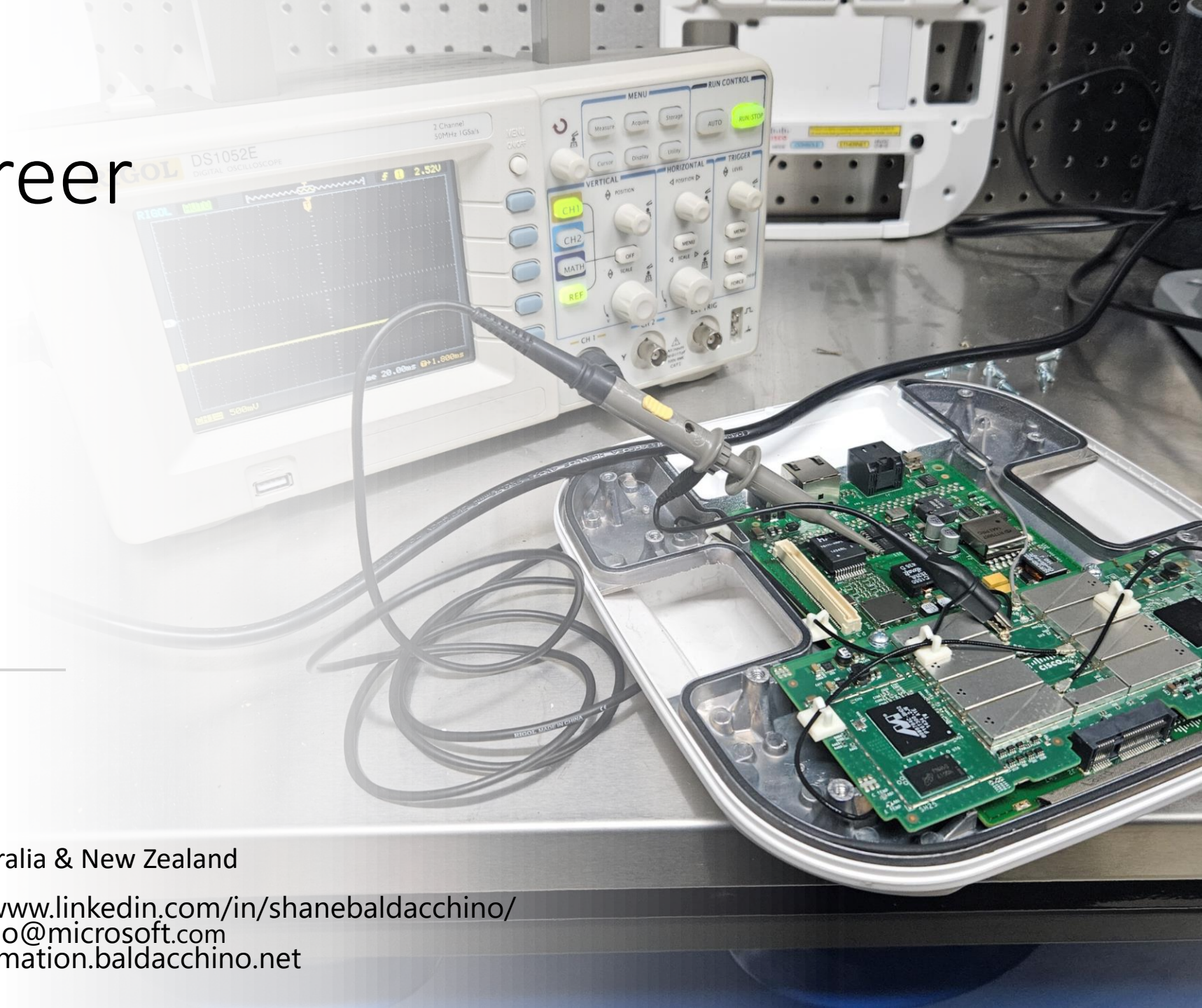
TLDR – It's more than tech 🤖

Lessons from the trenches



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Start-Up



Scale Up



[Sign in or Register](#) | [Employer site](#)



What

Any Classification

▼

Where

SEEK

?

[More options](#) ▼



[Sign in](#) or [Register](#) to see your saved searches and saved jobs on all your devices

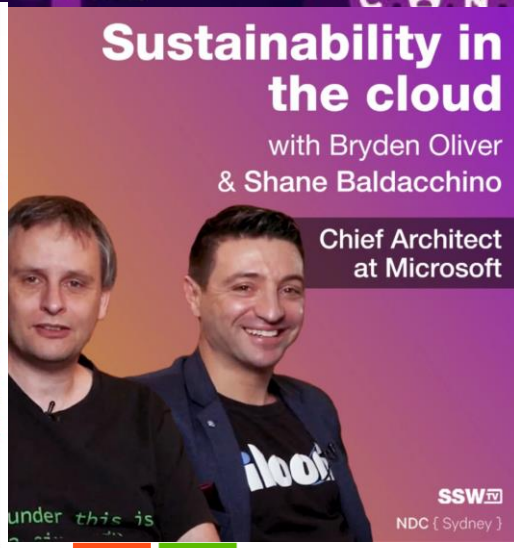
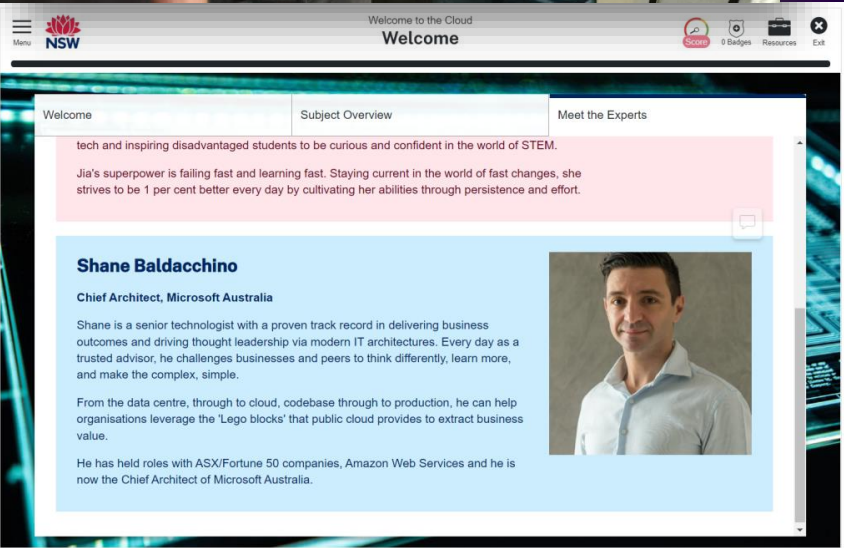
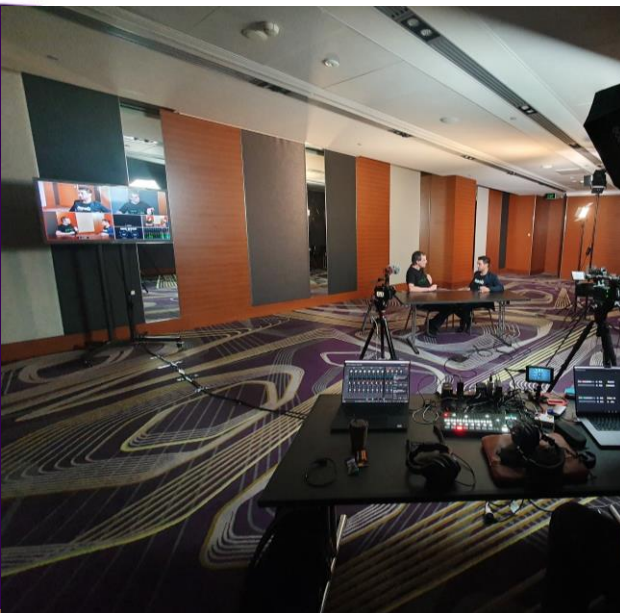
Take advantage of
The Great Job Boom

Hiring?
The best job ads find
the best people

Time Warp



The Future



Define **Cloud Native**





Cloud-native architecture and technologies are an approach to designing, constructing, and operating workloads that are built in the cloud and take full advantage of the cloud computing model.

<https://docs.microsoft.com/en-us/dotnet/architecture/cloud-native/definition>



Attributes Of Cloud Natives



They Move Fast

Empowered decentralised teams



Fail Fast

Challenger vs Champion



They know their stuff

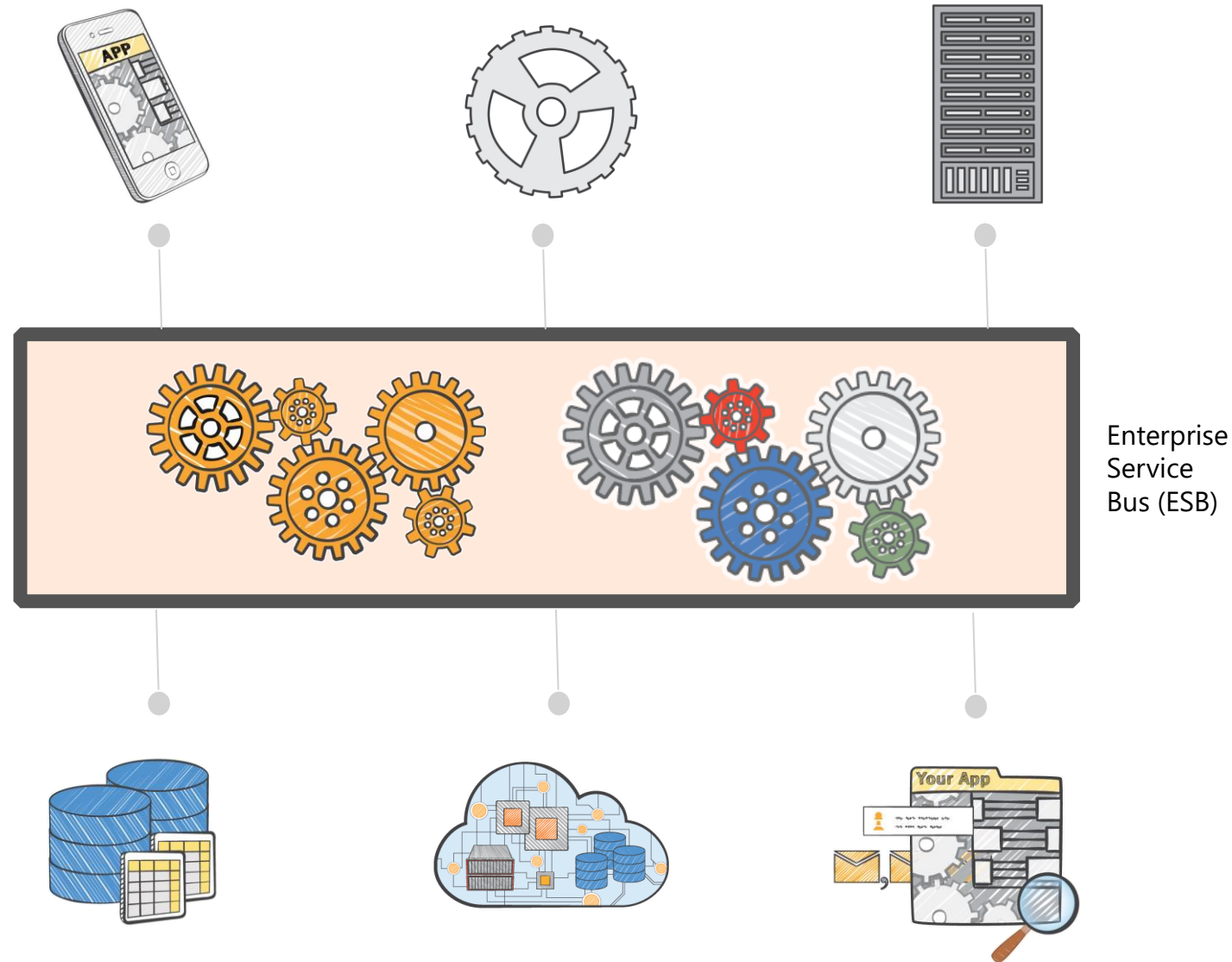
This is more than a 'marketecture' call

Architectures
They are changing

Monolith (< 1990's)



Service Orientated Architecture - > 1990 < 2010

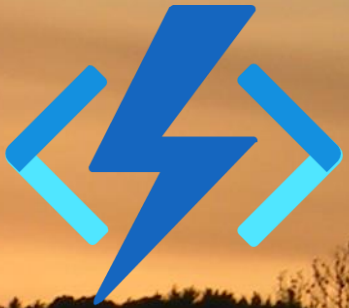


Microservices - > 2010





Microservices



Azure Heat Map

Azure Updates data for last 6 months visualized. Rebuilt 51 minutes 34 seconds ago.

ALL UPDATES EQUAL

LATEST MORE IMPORTANT

ONLY LAST 7 DAYS

ALL MENTIONS

AI + Machine Learning

Analytics

Compute

Databases

Development

Identity + Security

IoT + MR

Integration

Management + Governance

Media + Comms

Migration

Networking

Storage



Machine Learning



Synapse Analytics



Kubernetes Service



Database for PostgreSQL



Azure Spring Cloud



Security Center



Azure Sphere



API Management



Azure Monitor



Communication Services



Site Recovery



ExpressRoute



Azure Storage



Cognitive Services



Data Explorer



Azure Functions



Cosmos DB



Azure DevOps



Azure Key Vault



IoT Central



Event Grid



Automation



Media Services



Azure Migrate



VPN Gateway



Managed Disks



Bot Service



Azure Purview



Virtual Machines



Database for MySQL



App Configuration



Azure Sentinel



Azure Maps



Service Bus



Azure Policy



Azure CDN



DB Migration Service



Application Gateway



Data Lake Storage



Cognitive Search



HDInsight



App Service



SQL Database



Visual Studio App Center



Azure Active Directory



IoT Hub



Logic Apps



Azure Backup



Data Box



Private Link



Data Share



Microsoft Genomics



Stream Analytics



Azure VMware Solution



Database for MariaDB



Lab Services



Azure AD B2C



IoT Edge



Notification Hubs



Azure Arc



Virtual Network



Azure NetApp Files



Open Datasets



Data Factory



Virtual Desktop



Redis Cache



DevTest Labs



Azure AD DS



Digital Twins



Healthcare APIs



Azure Lighthouse



Network Watcher



Avere vFXT



Event Hubs



VM Scale Sets



SQL Server Stretch DB



SignalR Service



Information Protection



Time Series Insights



Web PubSub



Azure Automanage



Azure Firewall



StorSimple



Azure Red Hat



Apache



Azure IoT Hub



Azure IoT Central



Azure IoT Edge



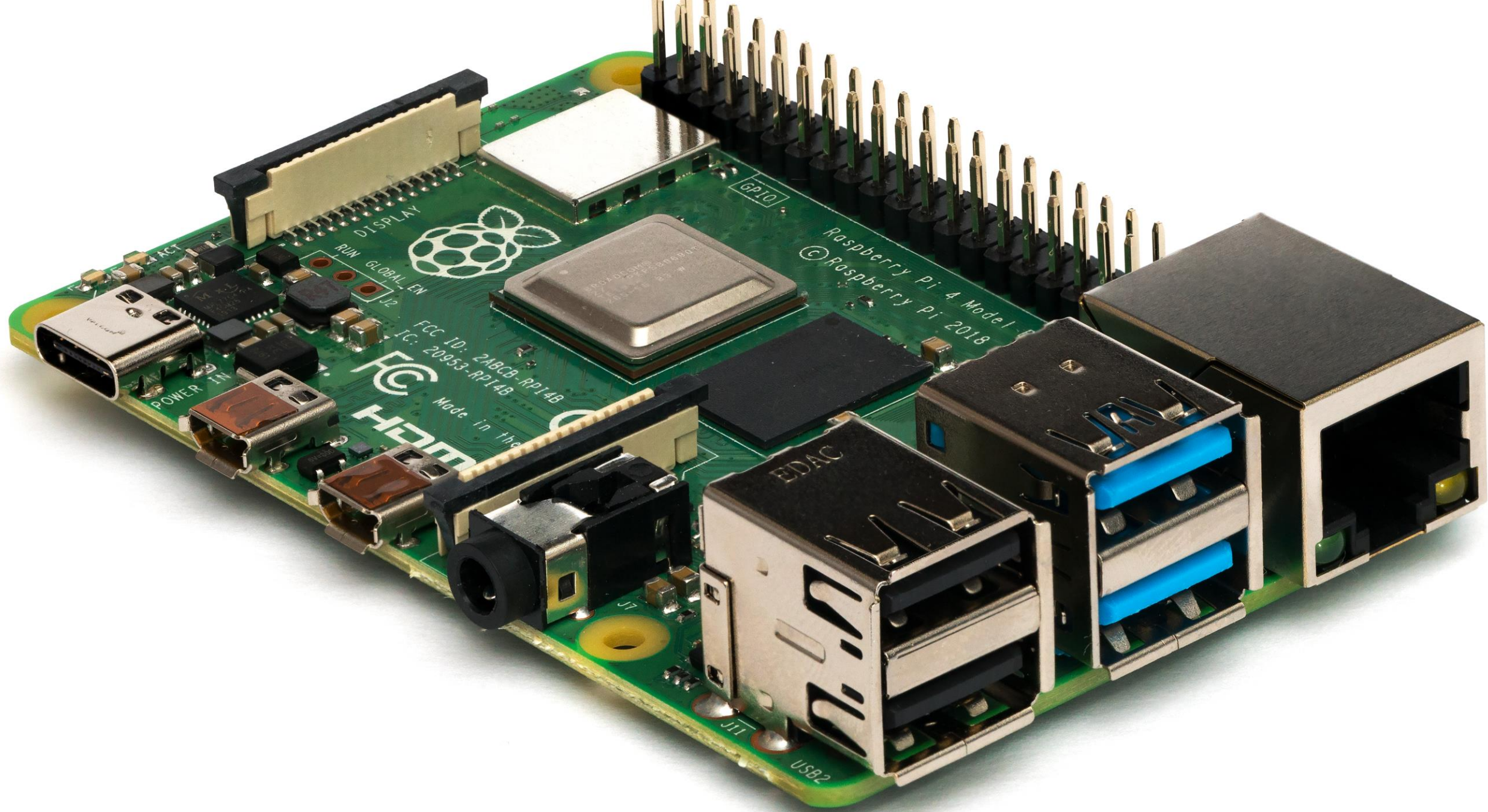
2022 Developer Survey

In May 2022 over 70,000 developers told us how they learn and level up, which tools they're using, and what they want.

[Read the overview →](#)[Methodology →](#)

Engineering Economics

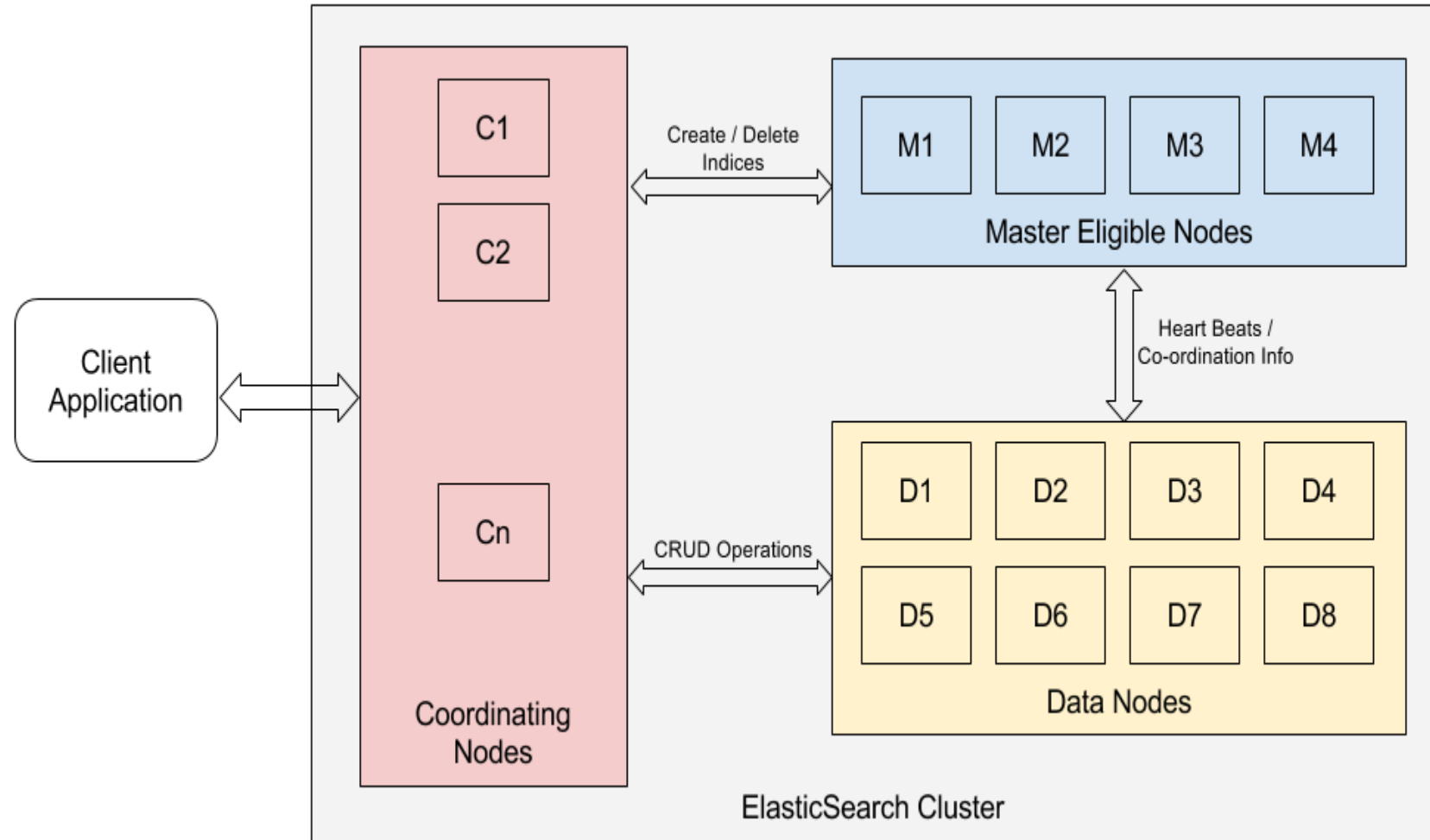




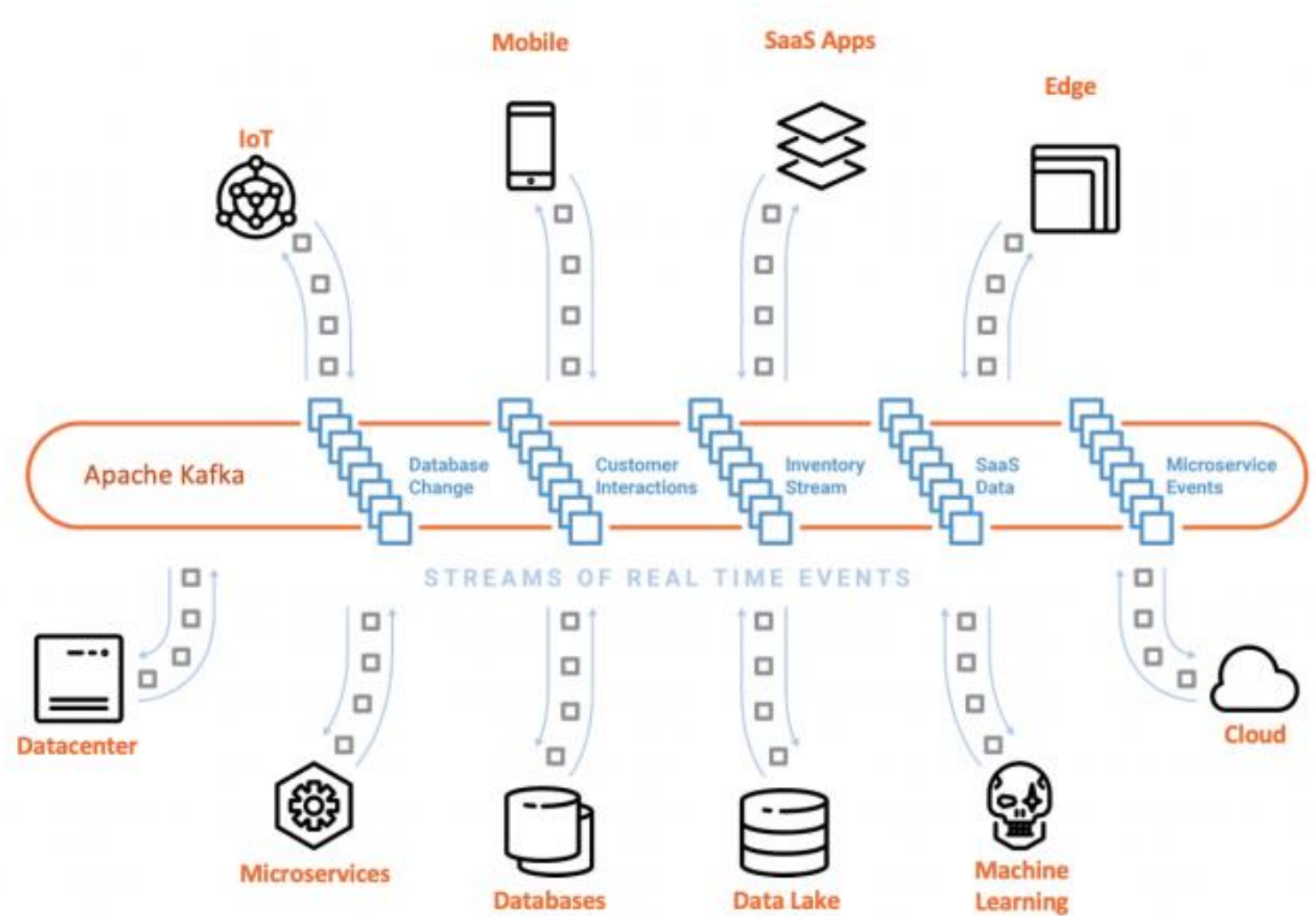
Software Stacks & Concepts

You should be aware of

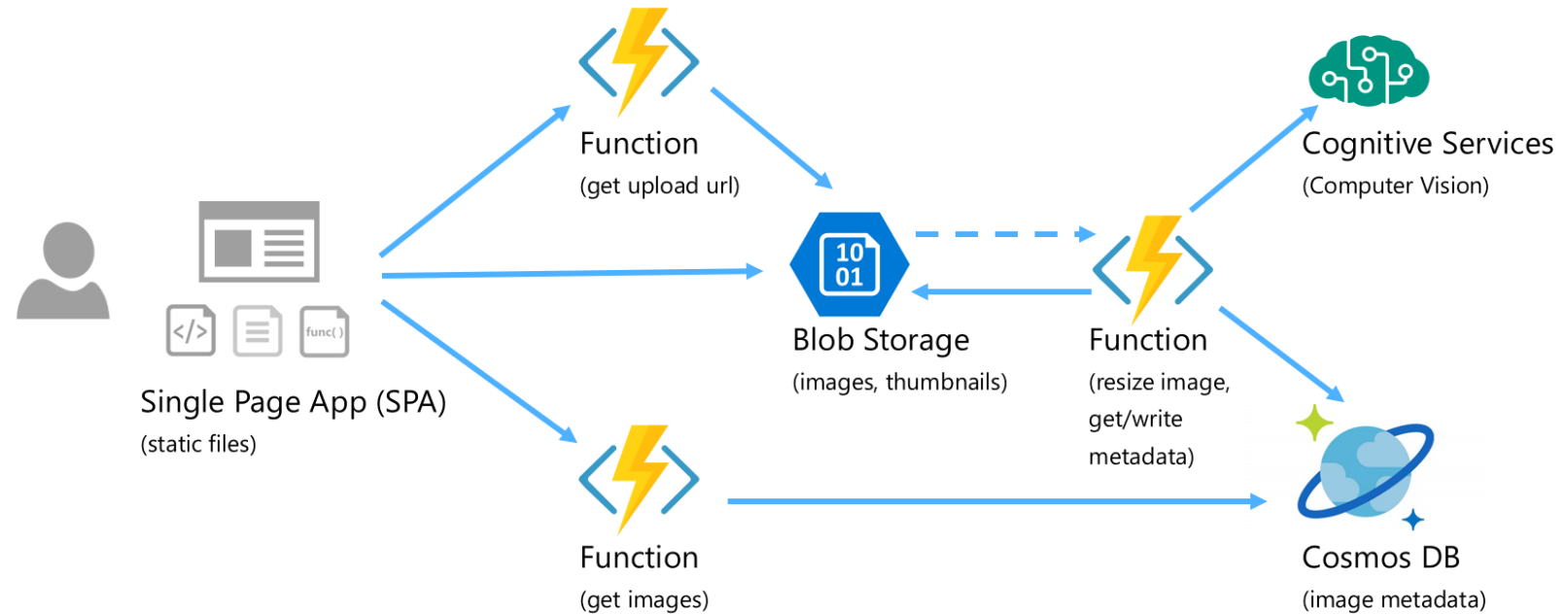
Apache Lucene Based Search



Event Streaming



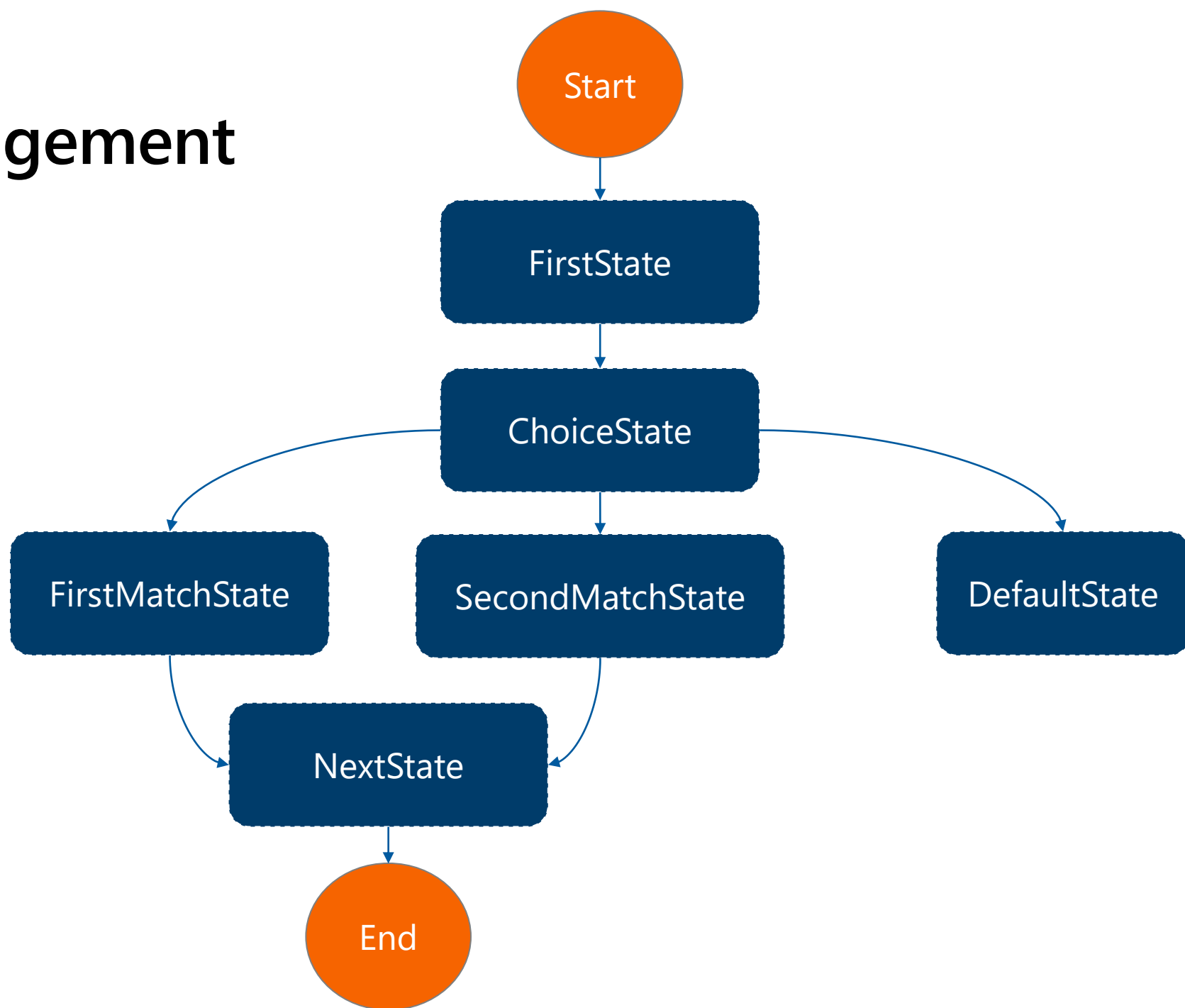
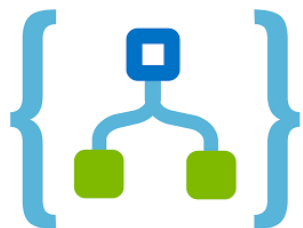
Event Driven Architectures



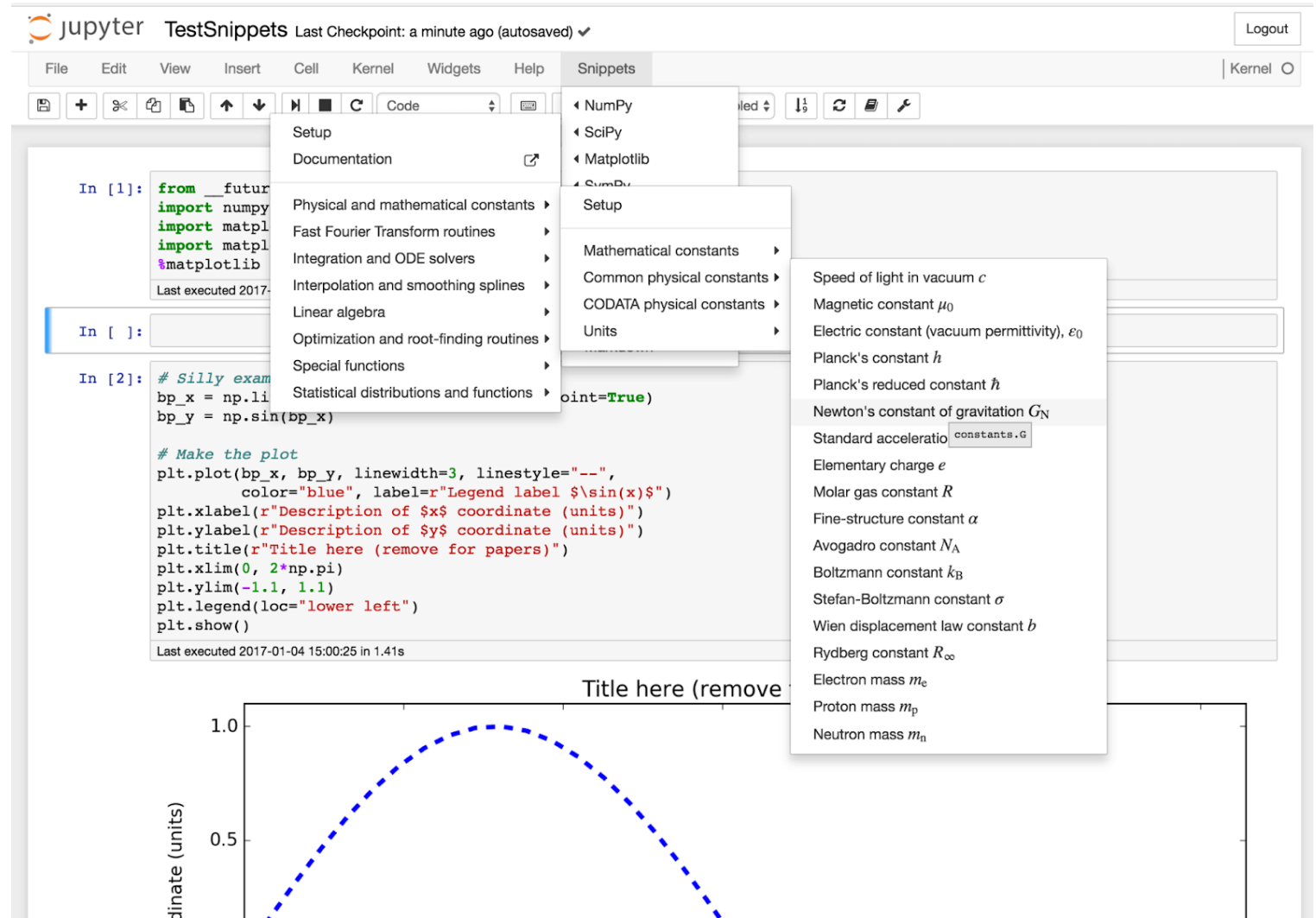
Workflow Management



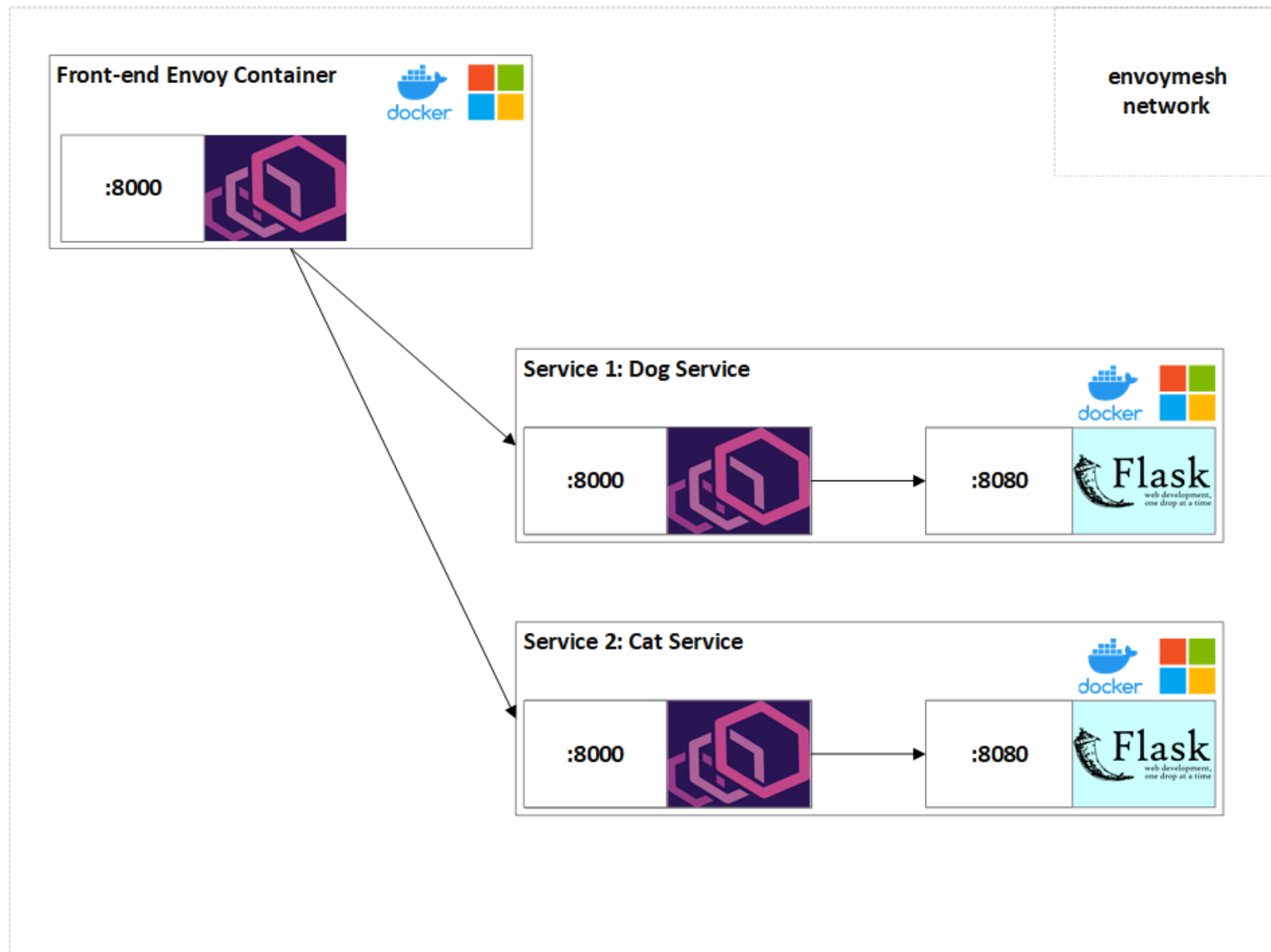
Apache
Airflow



Machine Learning



L7 Routing



Culture

Eats Tech For Breakfast

Conway's Law

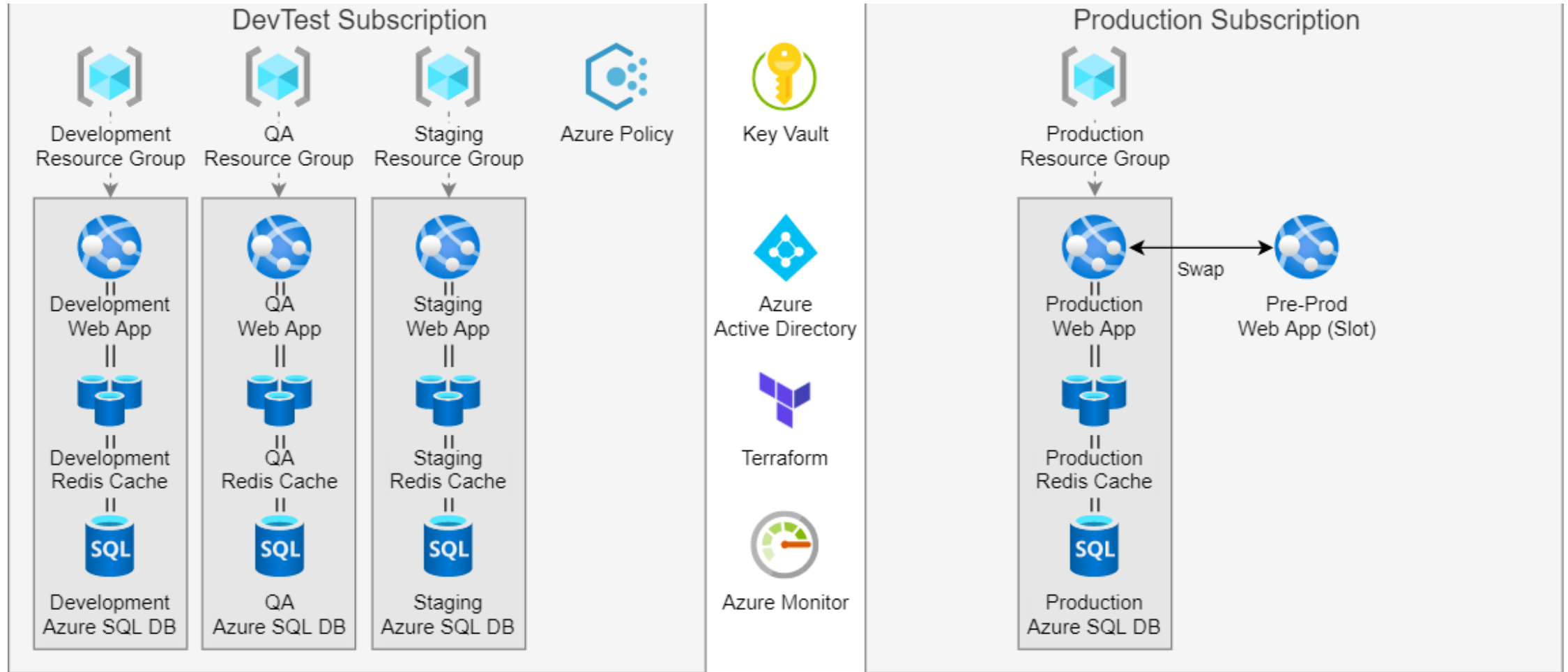
organizations which design systems (in the broad sense used here) are constrained to **produce designs which are copies of the communication structures** of these organizations

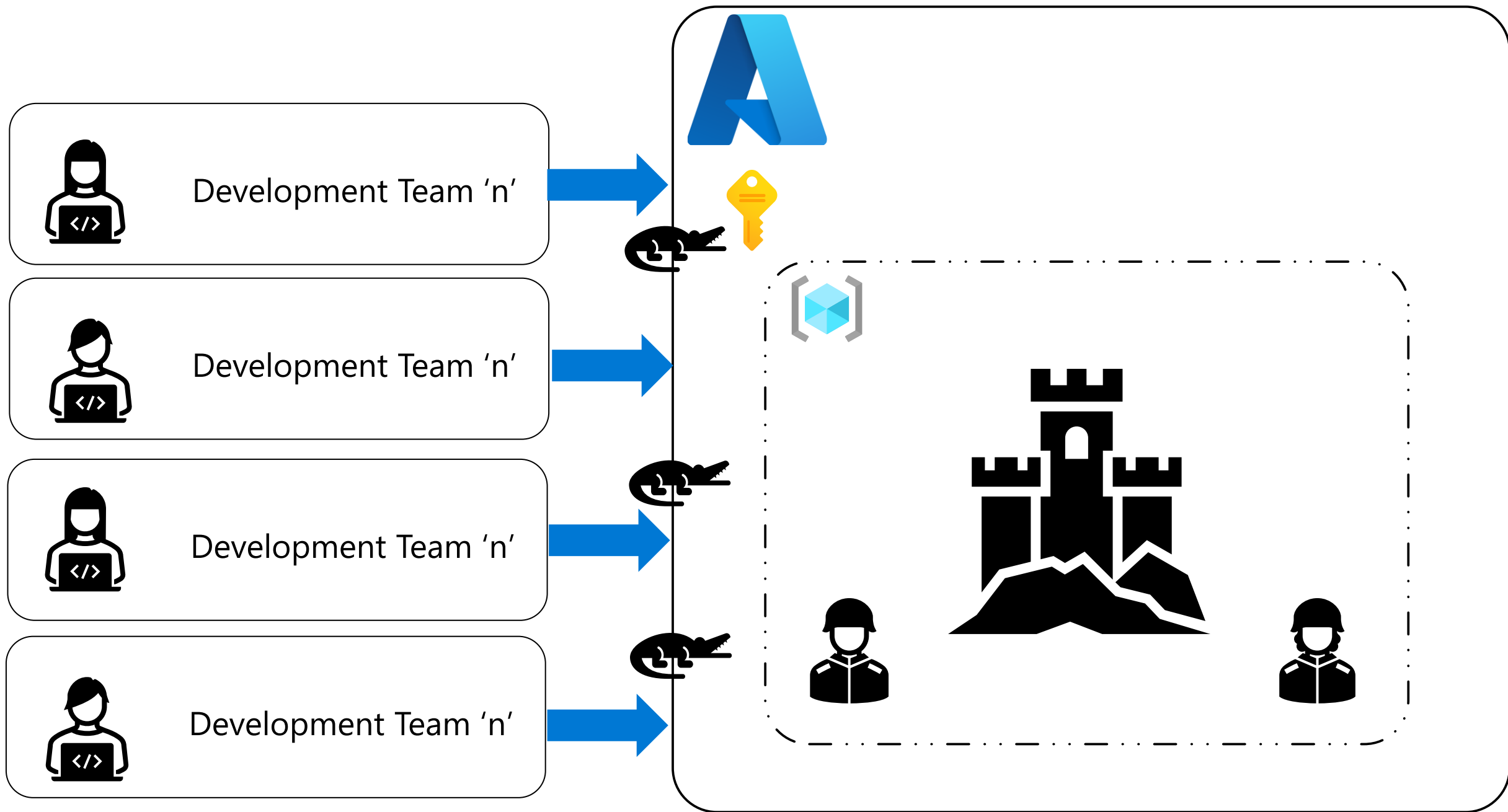


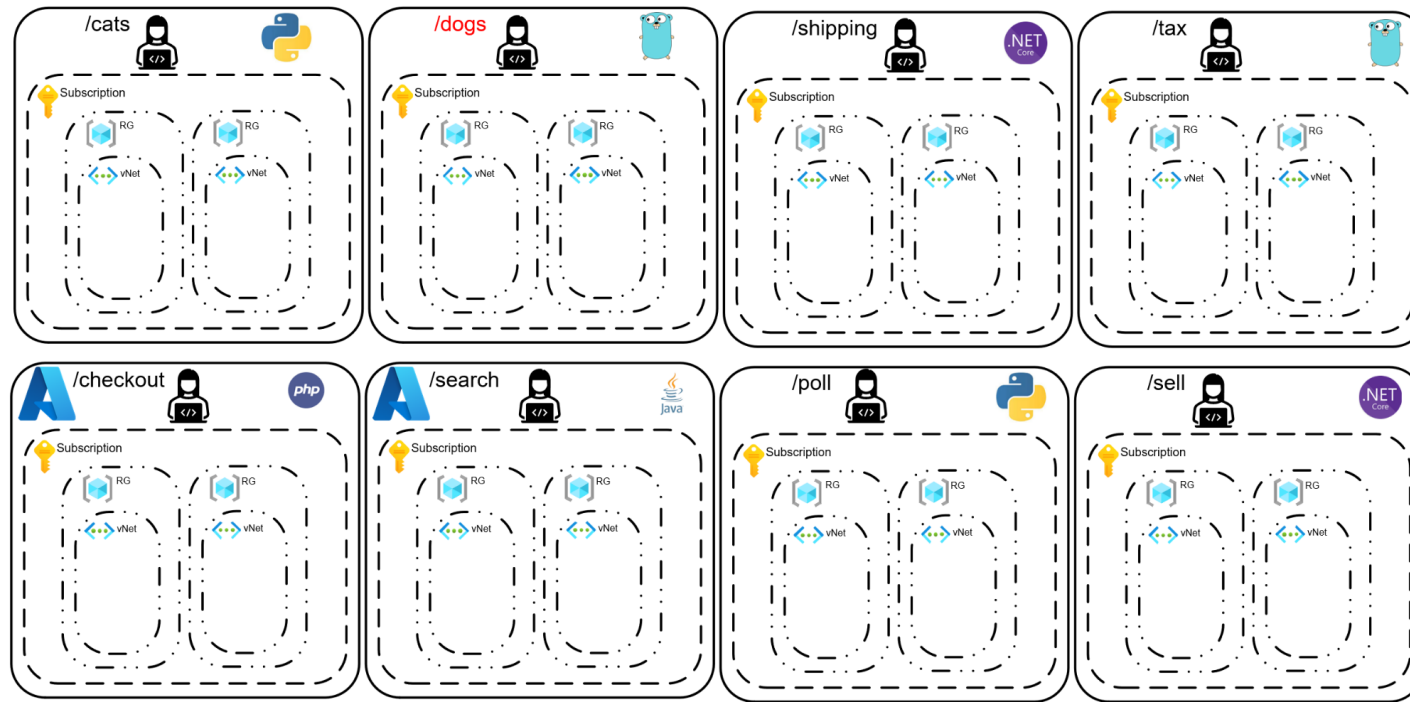
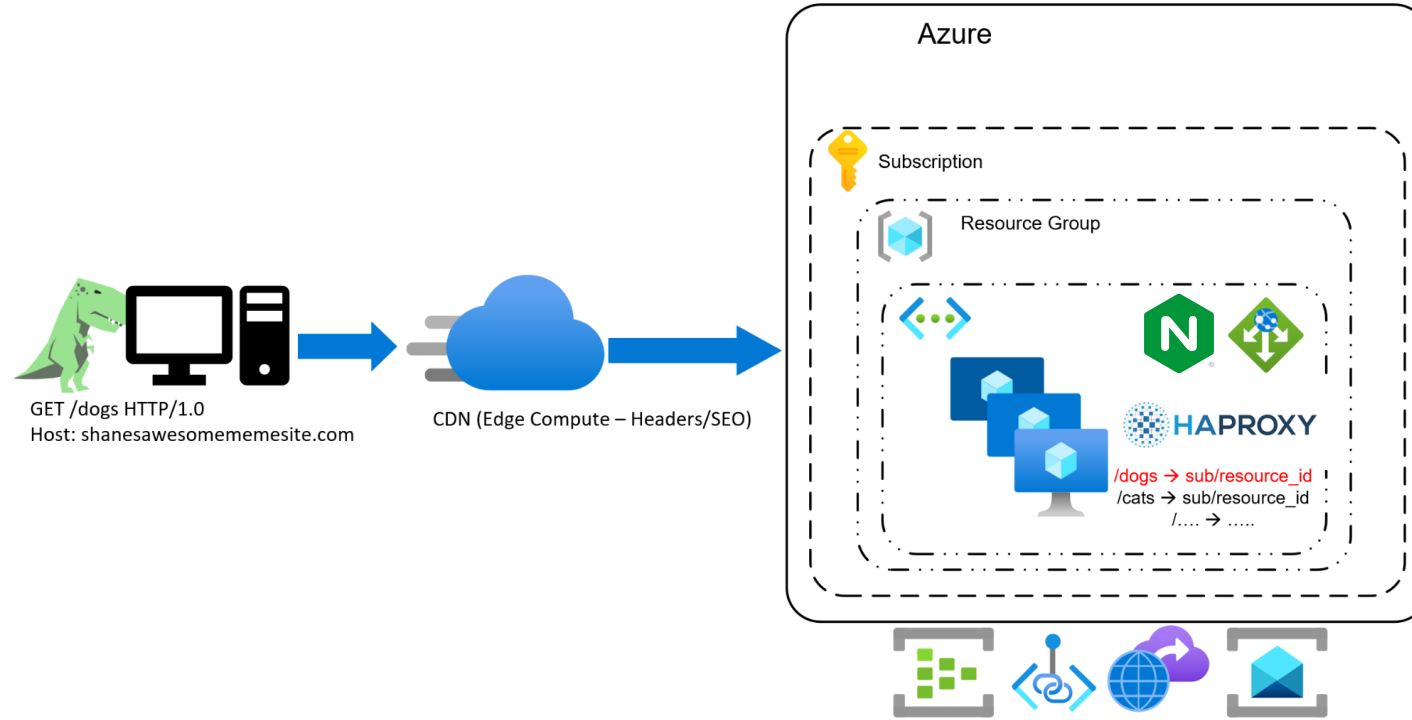
Melvin Conway, Datamation, **1968**

http://www.melconway.com/Home/Conways_Law.html

Classic Account Structure





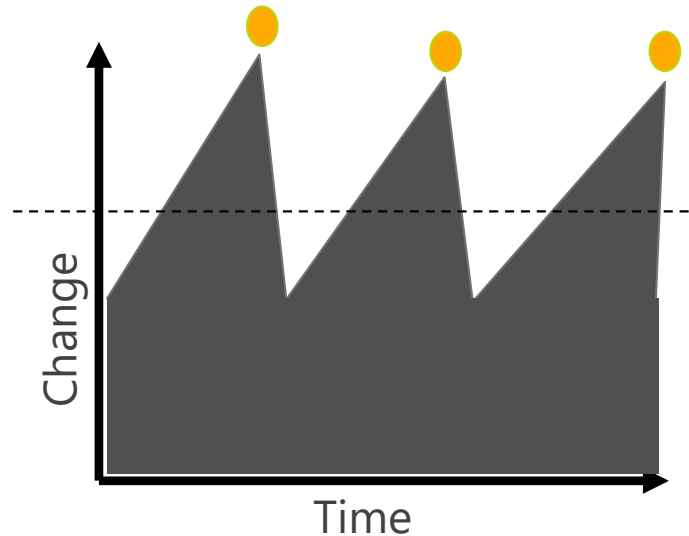


- Hundreds of teams**
- × Microservice architecture**
 - × Continuous delivery**
 - × Multiple environments**
-

= IT no longer a business blocker

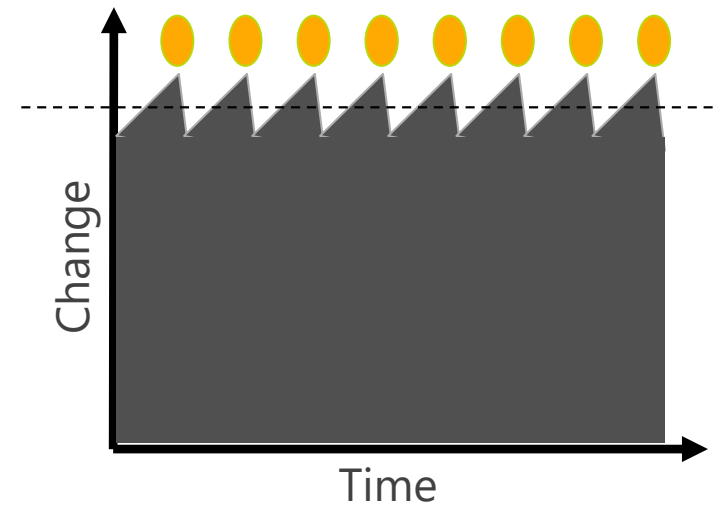
Deploying More Frequently Lowers Risk

Waterfall

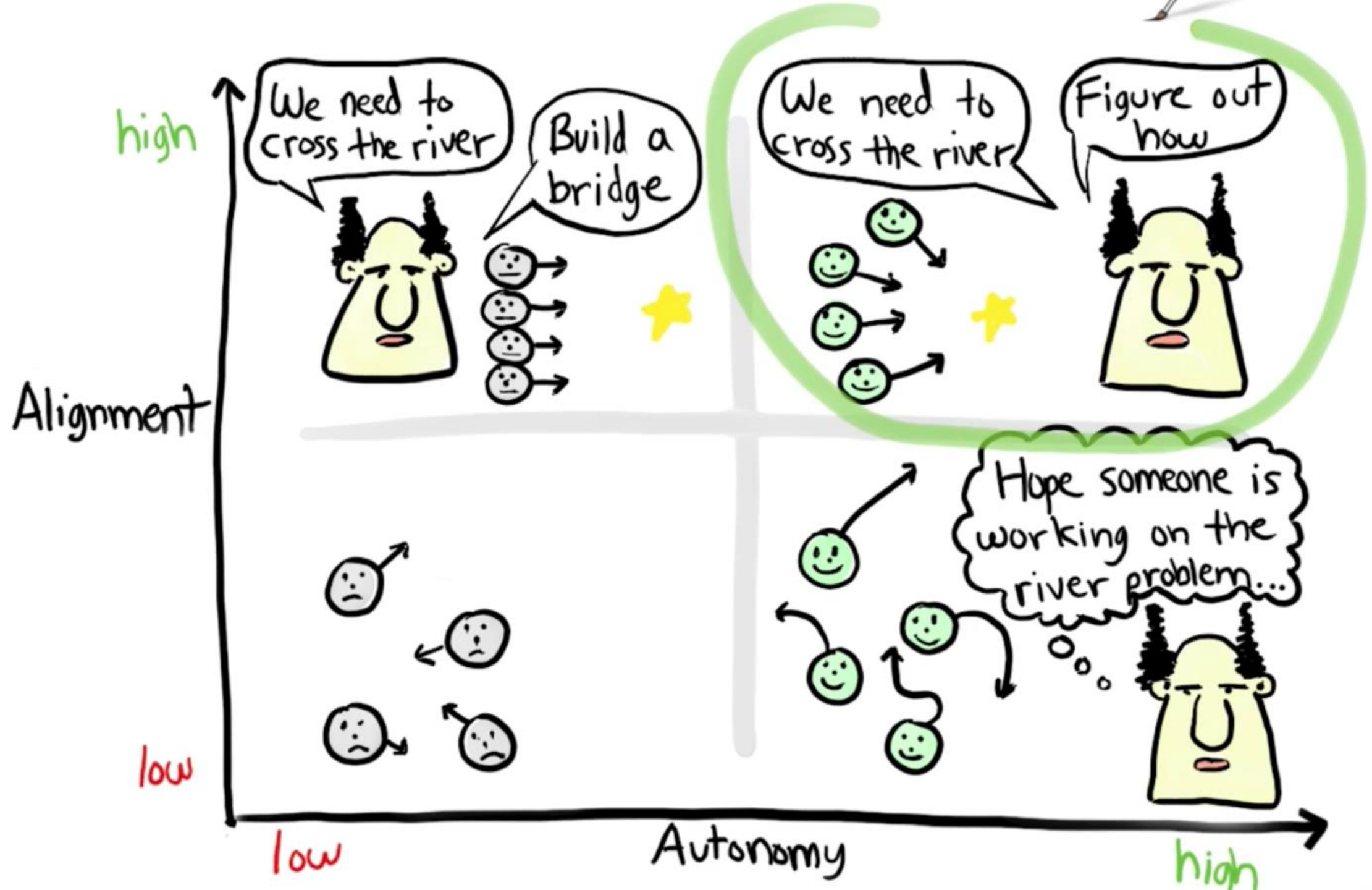


Larger Effort – **Increased Risk**

Agile



Smaller Effort – **Reduced Risk**



How I got started

Call To Action



Be A Learn It All

How are you sharpening your saw



Culture

Is your engagement approach on point?



Want to know more?

Drop me a message (details next).



Let's Be Friends.....

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