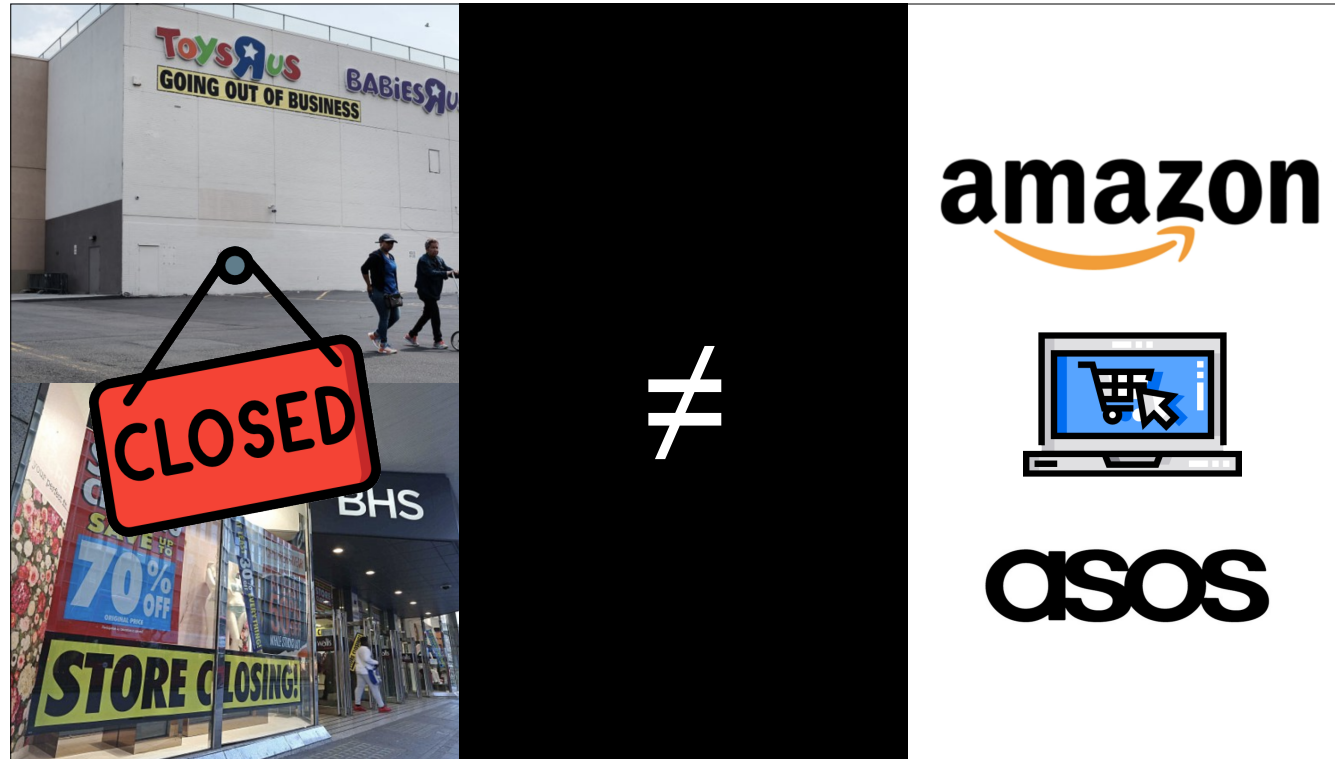


My iPad won't connect to the coffee machine

Justin Fretwell, Independent Industry Consultant

1. Thank Adaptavist
2. My name is...
3. Support ticket
4. It's not retail specific
5. Tells a tail of where we are with tech
6. remember byod?
7. Laptop policy

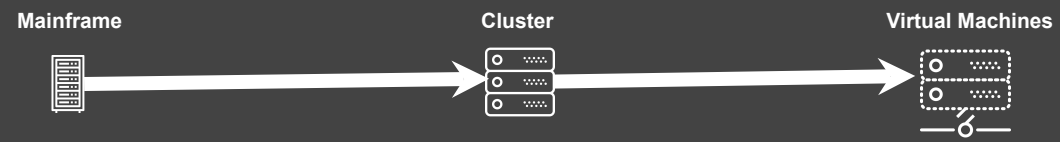


1. Retail chaos - customer whim change
2. Management complacency
3. High street failing? We like to congregate
4. eComm is not the saviour of retail - shooting ourselves in the foot? (**showrooming**)



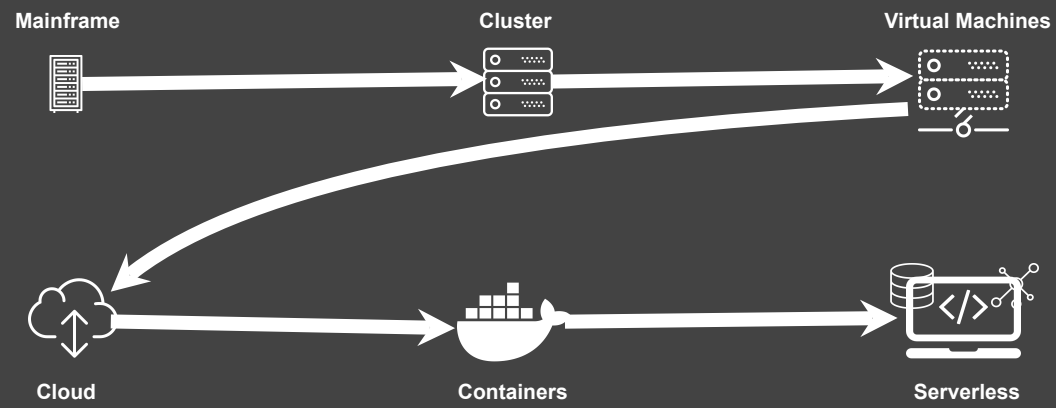
1. Fast fashion - Primark
2. Pretty little thing
3. Equilibrium needs to be found
4. Still having a massive shake up
5. Selfridges and neech players
6. only 17% online still (ONS)

The Journey Infrastructure



1. More compute
2. SAP, Oracle, IBM - no one ever fired
3. Reduce latency by reducing connectivity
4. Clusters helped to expand horizontally and create some HA
5. Virtual environments - use up the unused compute

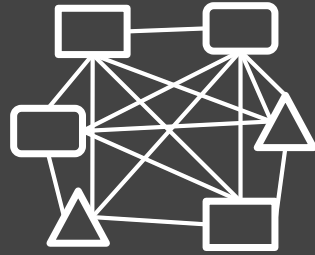
The Journey Infrastructure



1. Cloud - was the answer to everything - except oracle and economies of scale
2. Containers (like docker) - virtualised compartments on the same OS
3. They all have their place
4. Solutions for problems that no longer exist
5. Functions as a Service

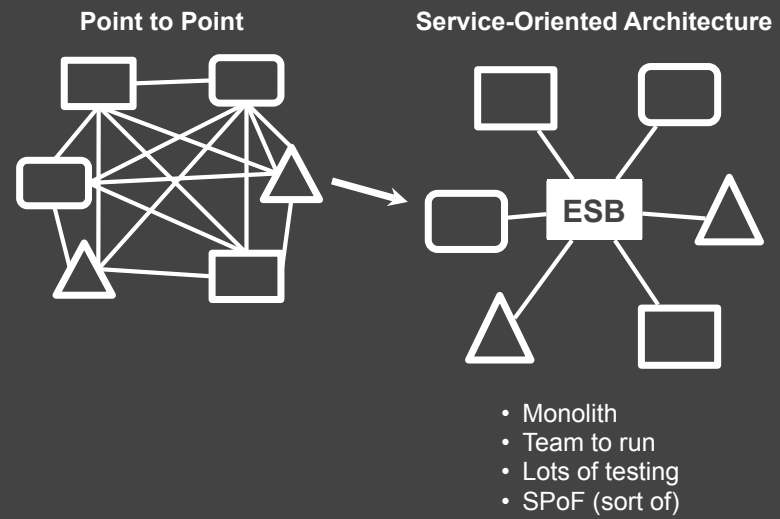
The Journey Data Interchange

Point to Point



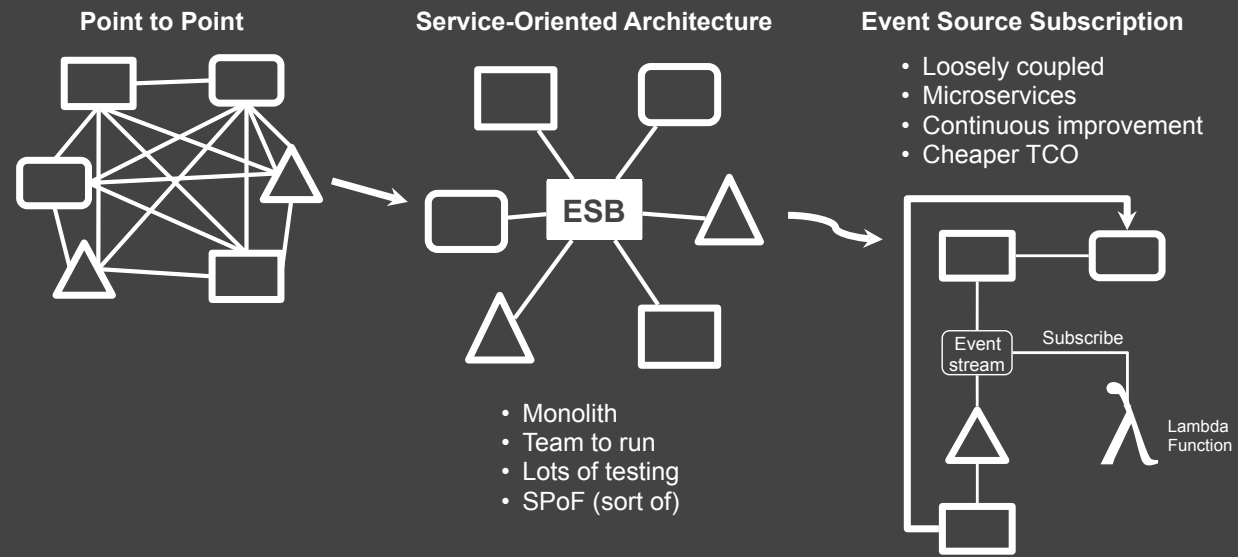
1. Point to point
2. Spagetti mess
3. SPoF
4. Keeping it all up to date
5. Tightly coupled - replacement of system means all points changing
6. All connected systems affected

The Journey Data Interchange



1. ESB
2. still a monolith
3. still needs a team to run it
4. lots of integration testing needed
5. SPoF because Hub and spoke

The Journey Data Interchange



1. I'm new to this in a practical sense
2. Decoupling
3. Exposing business events
4. Microservices - Cheaper TCO
5. Listening to the same event stream - No need to regression test

Where are we going?

Apps



Agile



Blockchain



Robotics



1. Trying to get to agile
2. Latest "craze" - right for you? Robotics & AI - Blockchain - Apps
3. Even when they exist - half the business is still using spreadsheets

Where are we going?

Apps



Agile



Developers



Blockchain



Robotics



Time to Market



1. Time to market
2. Developers don't grow on trees

Where are we going?

Apps



Agile



Developers



Blockchain



Robotics



Time to Market



1. Now you have what next?

Top down and Bottom up

Business Vision



Business Goals

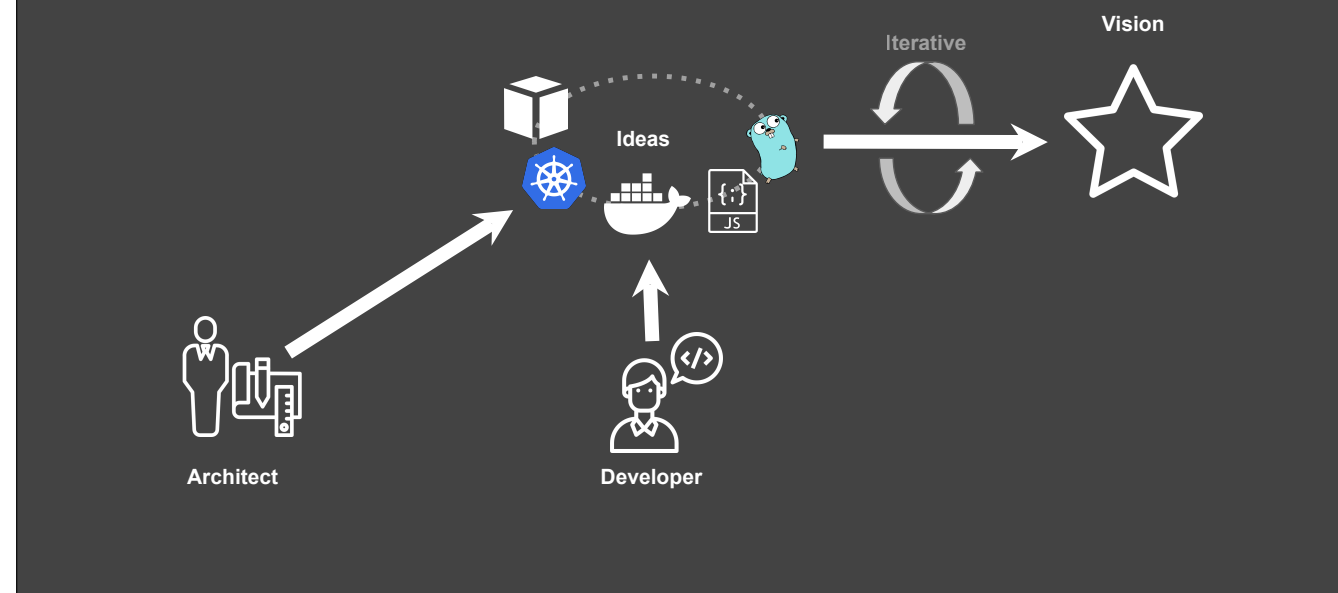


Programmes / Projects



1. Top down
2. Vision
3. Goals
4. Programmes/projects

Top down and Bottom up



1. Bottom up
2. Standards & policies - no monoliths - independent services - exposing business events - standard tools
3. Iterative - roadmap of continuous improvements
4. MVP - finding the business pain points and dealing with those first
5. Brings a quick time to market but still with a view to attaining the rest of the vision

What next?

- Ensure knowledge transfer takes place
- Reduce the reliance on the monolith
- Decouple your services
- Ensure that visions and growth comes from below as well as above
- Small and simple iterations with a view to building the whole



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Thank you!
Any questions?

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