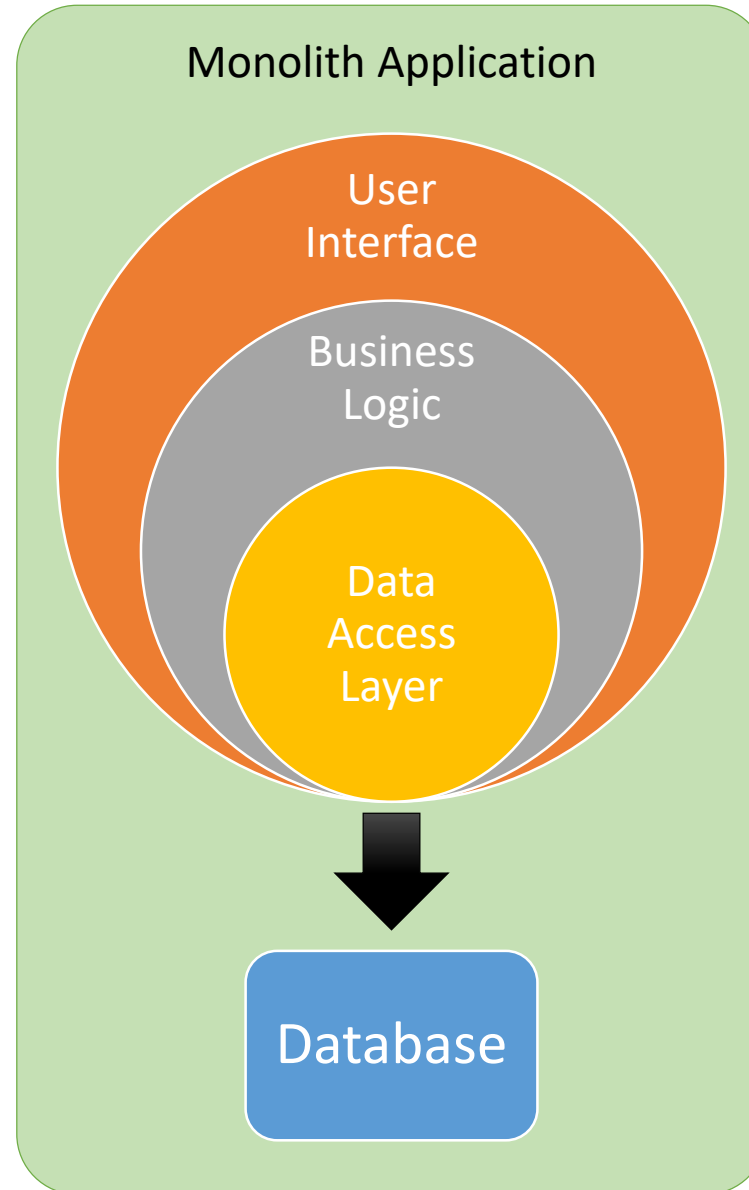




Microservices

The Hard
Parts

They Aren't All Bad



K keep

I t

S imple

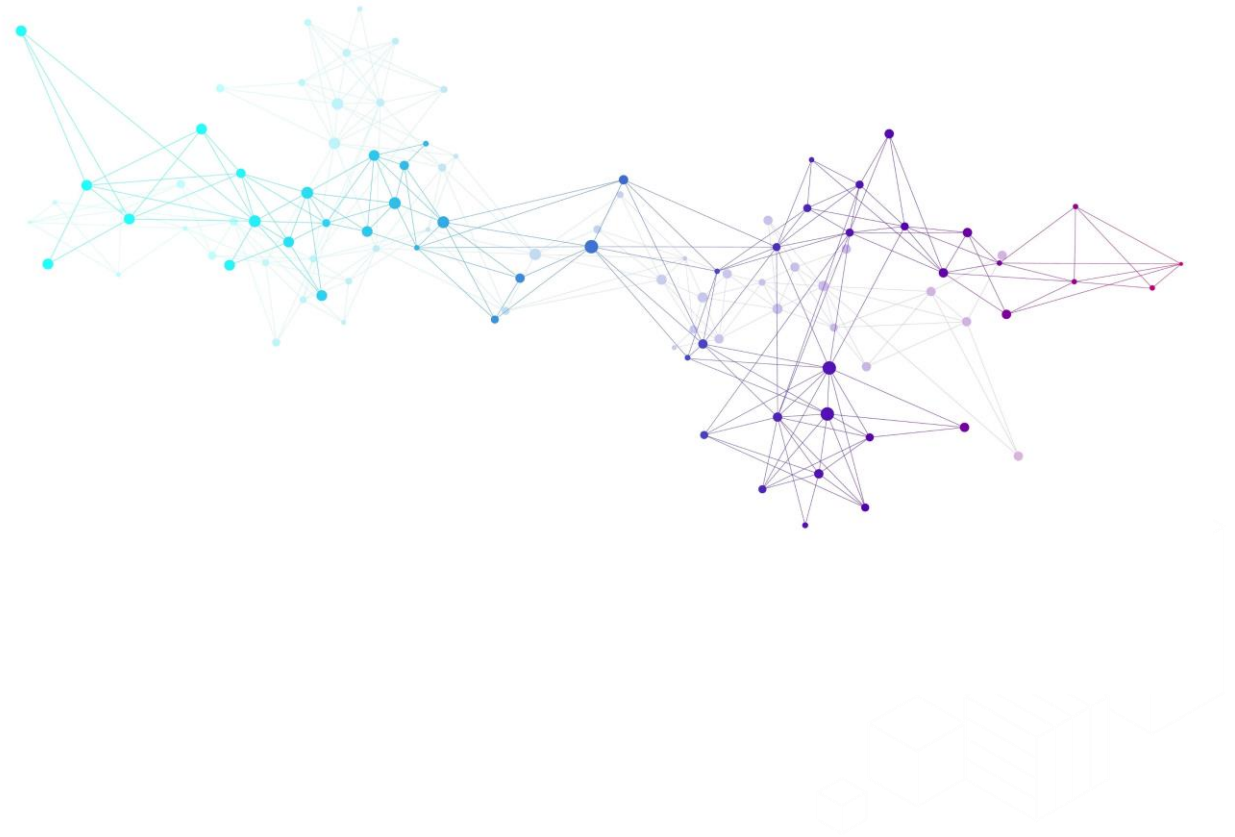
S tupid

**MICROSERVICES
ARE
HARD**

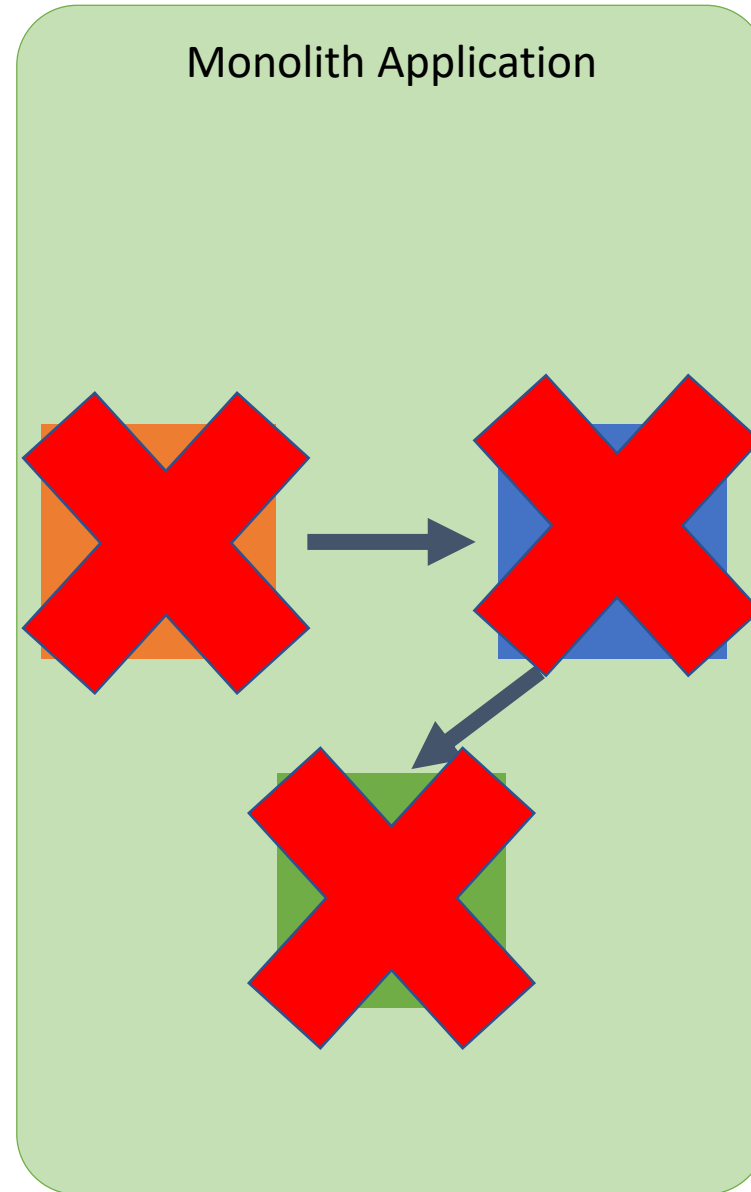


The Fallacies of Distributed Computing

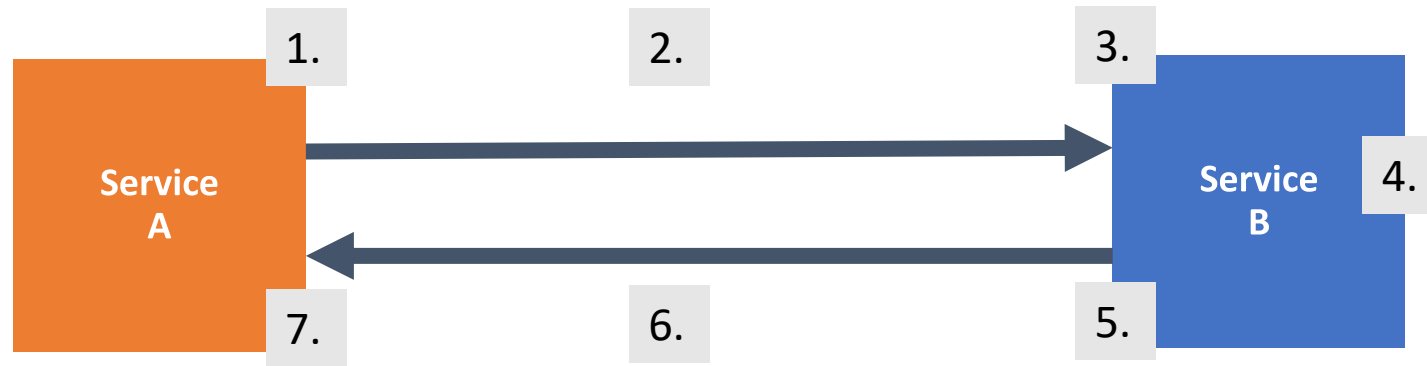
- **The network is reliable**
- **Latency is zero**
- Bandwidth is infinite
- **The network is secure**
- Topology doesn't change
- There is one administrator
- **Transport cost is zero**
- **The network is homogenous**



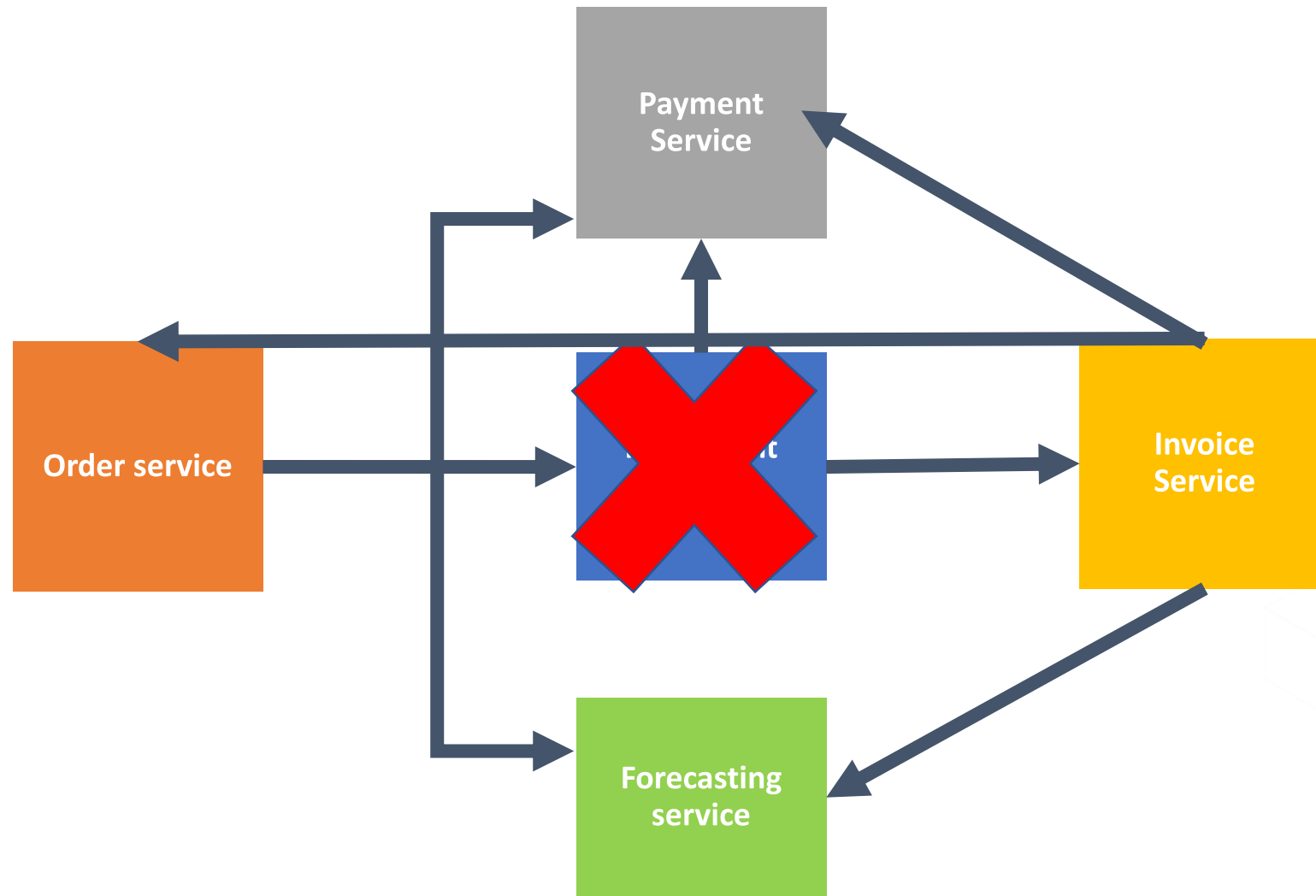
Single Process Application



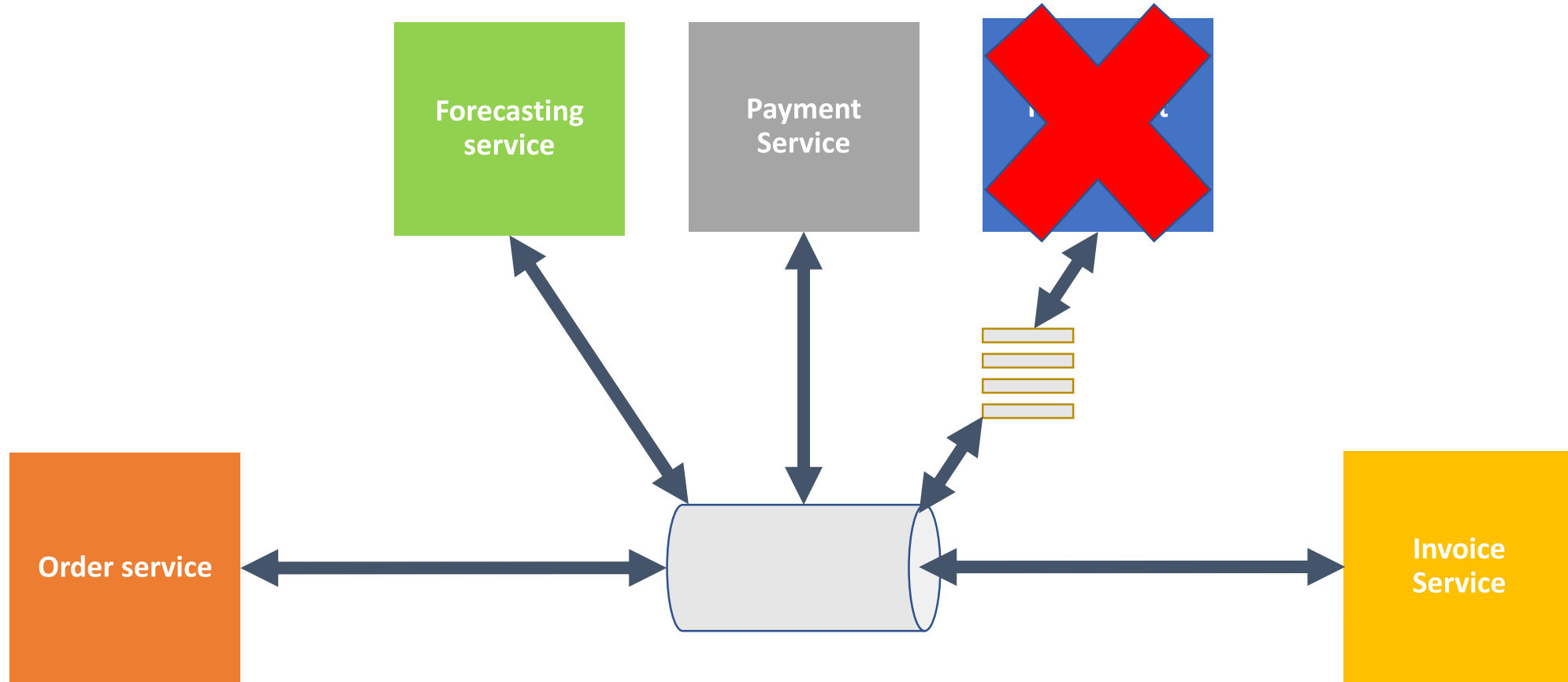
Points of Failure



Microservices



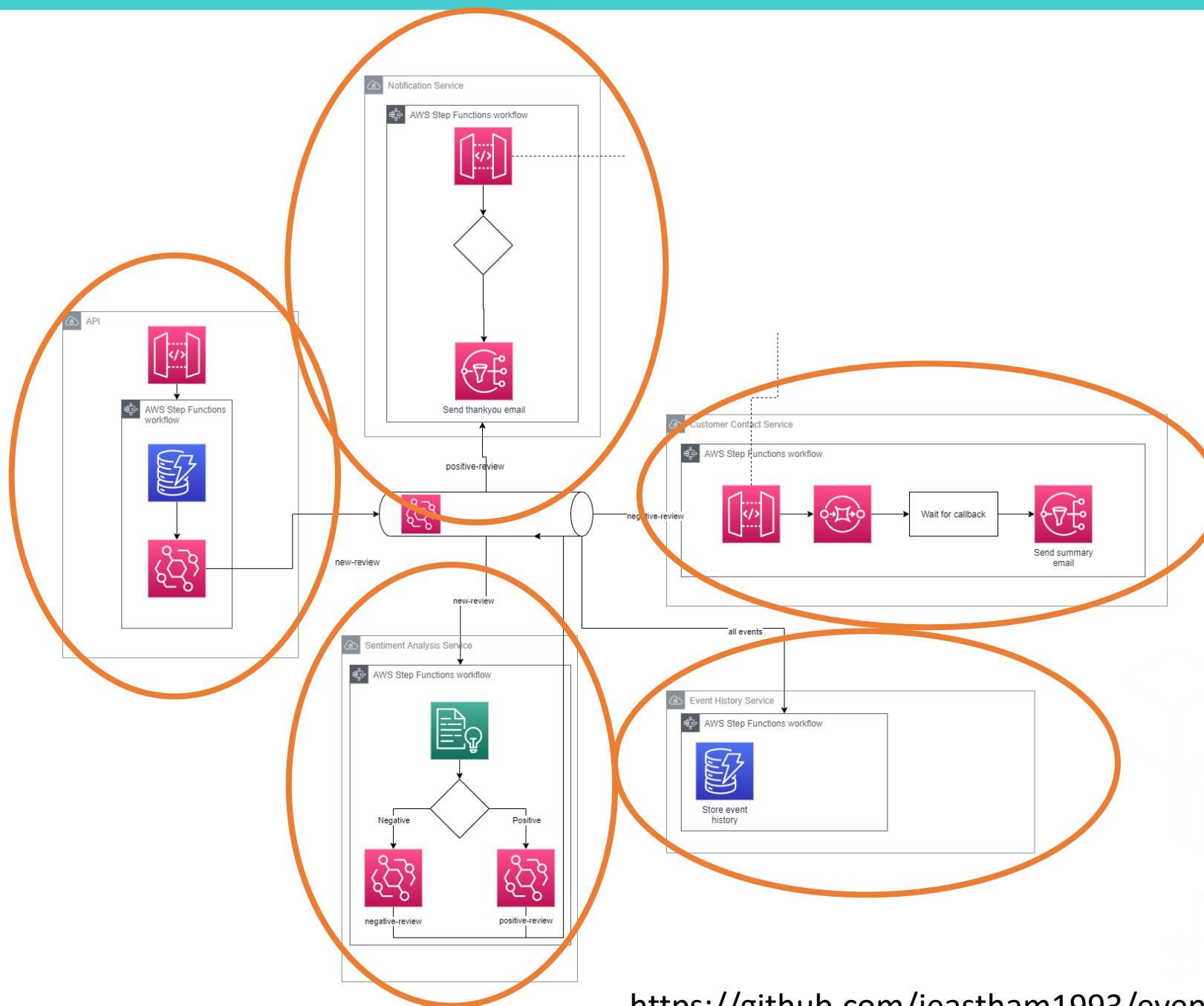
Microservices



**“organizations design systems
that mirror their own
communication structure.”**

- Conways Law





**DON'T
BE
A
SHEEP**



