

REAL WORLD NODE.JS MICROSERVICES

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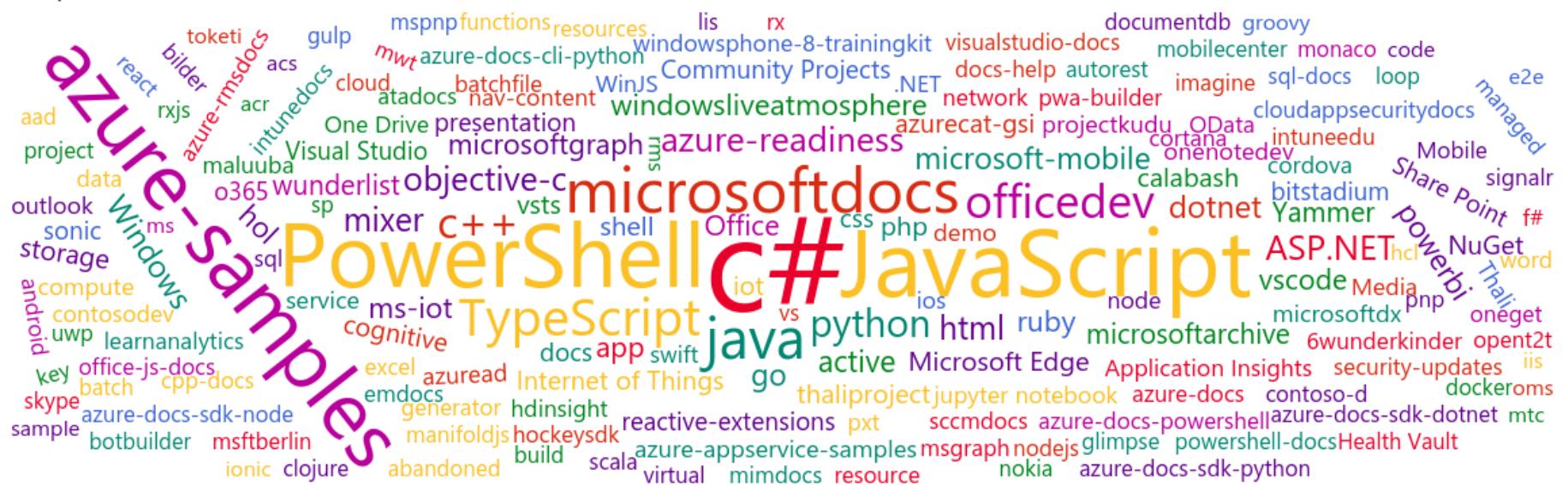
[HTTP://ABOUT.ME/IPHILPOT](http://about.me/iphilpot)

MICROSOFT



LINUX

Open Source at Microsoft



Question: What are Microservices?

Answer: Small autonomous, independently deployable services that work together.

--Sam Newman

Question: Why Microservices?

Answer: Scalability

Answer: Resilience

Answer: Different Stacks

- How is it built?
- How can we break it?
- How can we make it better?

SO... HOW IS IT BUILT?

JS

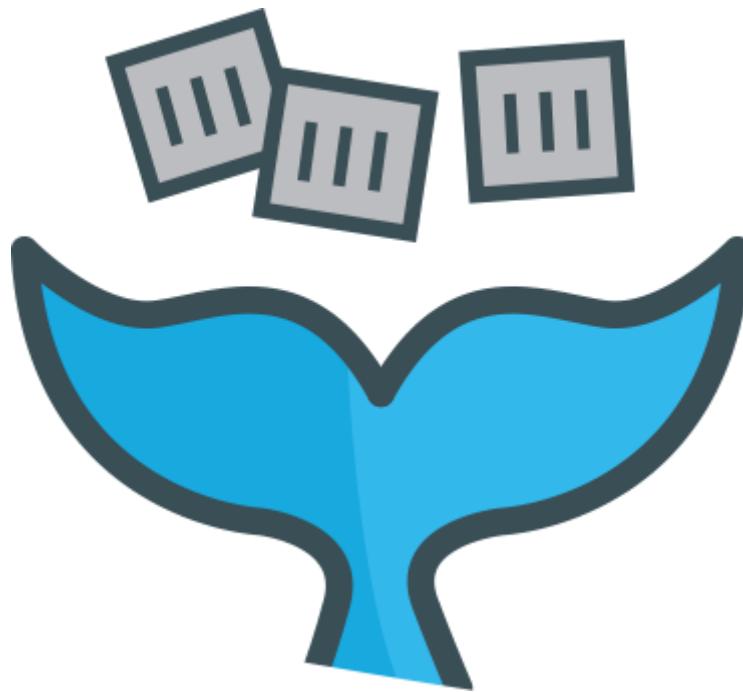




↑ GRPC ↓



kubernetes



OPENFAAS



GREAT! HOW CAN WE BREAK IT?

This is hard!

Over Engineering?

Eventual Consistency

Tracing Across Services

NOW, HOW DO WE MAKE IT BETTER?

Copyright Material

Domain-Driven DESIGN

Tackling Complexity in the Heart of Software



Eric Evans

Foreword by Martin Fowler

Copyright Material

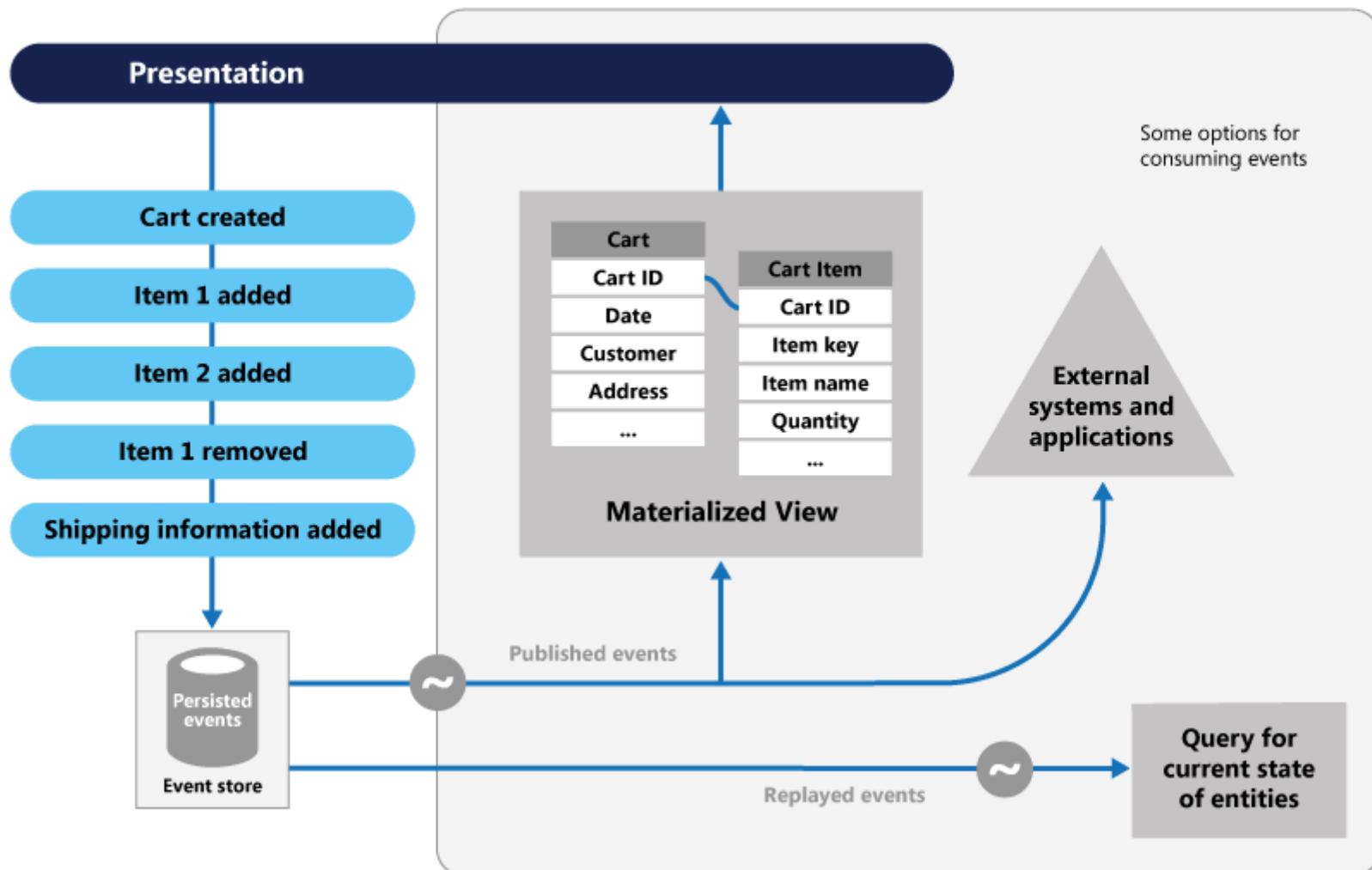
CQRS

Command Query Responsibility Segregation



Leverage the NoSQL boom

NoSQL vs SQL



Event Sourcing

