

The Technical Journey to Microservices

Microservices UX

@russmiles



gomicro.services

Microservices
HELL!!

CAPITA HIRED













Say “Microservices” one more time...





Humps for

A Definition...

The kingdom of heaven is like a mustard seed, which a man took and planted in his field. Though it is the smallest of all seeds, yet when it grows, it is the largest of garden plants and becomes a tree, so that the birds come and perch in its branches (Matthew 13:31-32).

- Of Mustard Seeds and Microservices (Micah Blalock) -- <https://www.credera.com/blog/technology-insights/java/mustard-seeds-microservices/>

*Loosely Coupled Services
that can change*

A Story



“The Elephant in the
Standup”

The term is WRONG

Size
doesn't matter

SLOC doesn't matter

*What can your System
DO?*

Cognitive Overhead
DOES

Single Biggest Limiting
Factor on Change?

You.

Comprehension

Not the things...

***... the things that
happen***

Systemic Properties

Not what you have

What you can *do*
with it

The Big Challenge

Some value *Stability*

Some value *Speed*

Some value *Agility*

Some value *Adaptability*

Some value *Volatility*

Some value *Antifragility*

Microservices (can) =

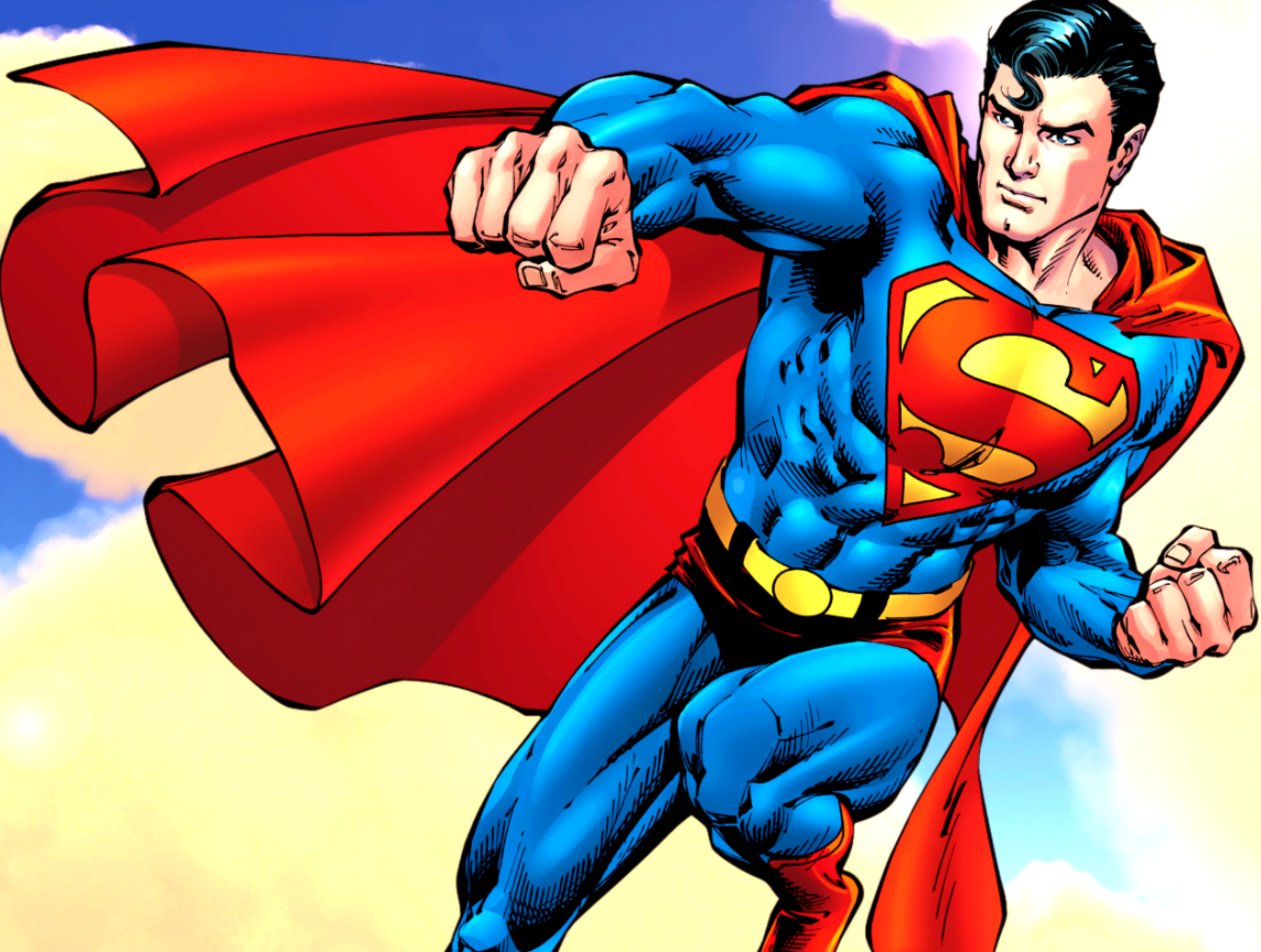
Speed

Adaptability

Antifragility

Microservices (can) =
Speed
Adaptability
Antifragility

How?



Events.





Lake Erie—

Lake Huron—

Lake Ontario

—Finger Lakes



Volume
Variety
Velocity

Volume
Variety
Velocity
Veracity

Volume
Variety
Velocity
Veracity

Aggregates

Views





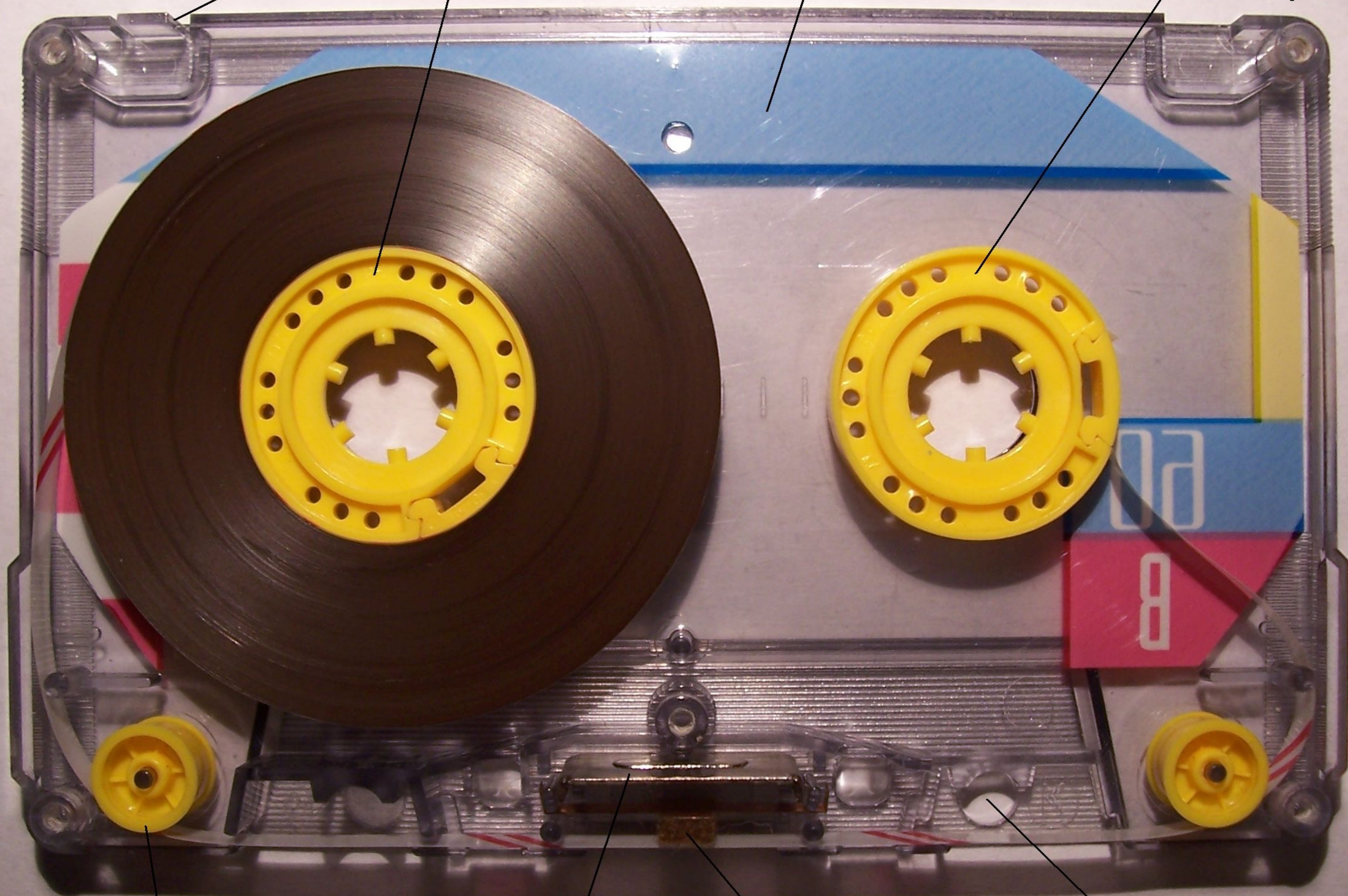


Write-Protect Tab

Supply Reel

Slip Sheet

Take-up Reel



Guide Roller

Magnetic Shield

Pressure Pad

Capstan Hole

Downside?

UX

SUX

What can be done?



One last thing...

Microservices UX

@russmiles



gomicro.services