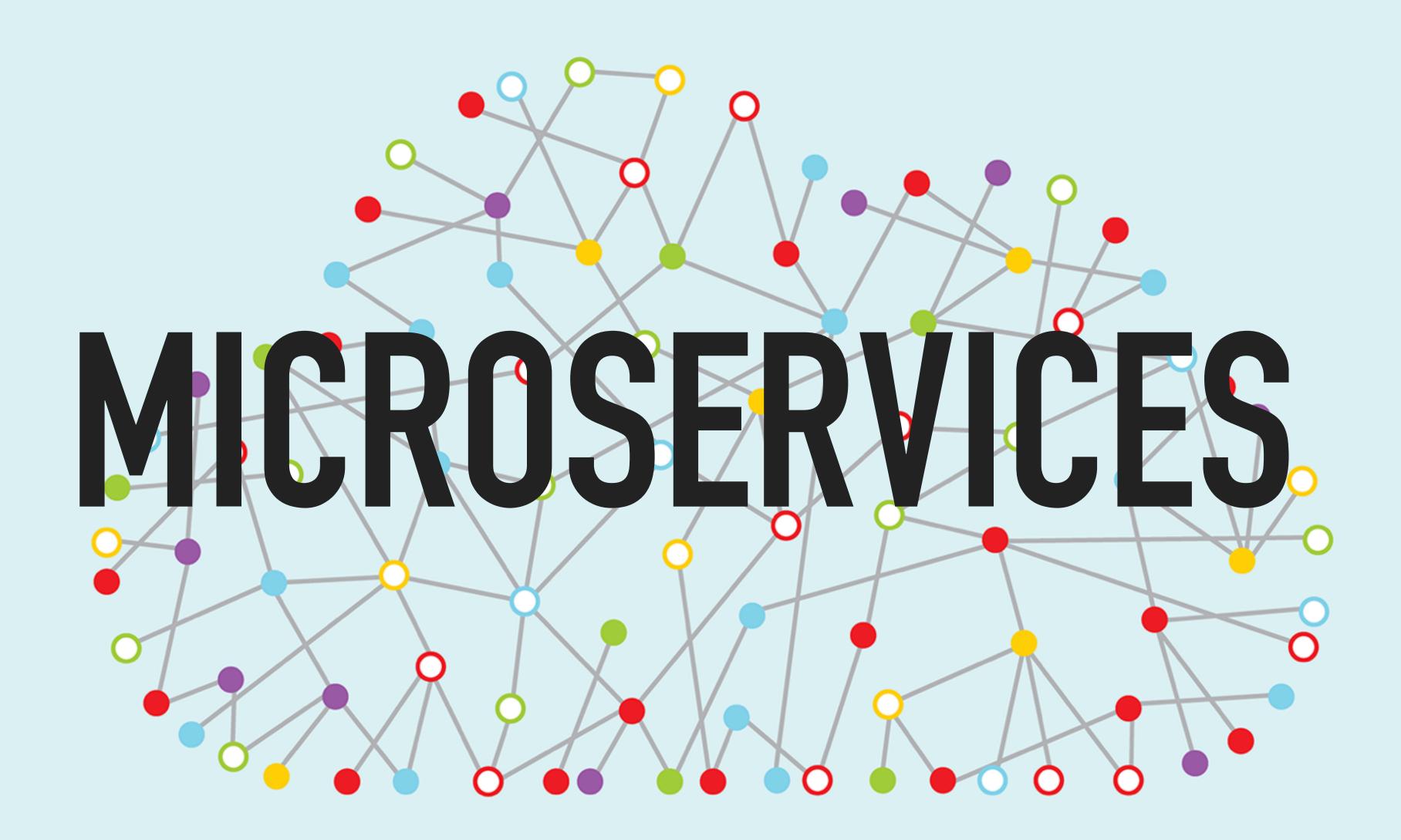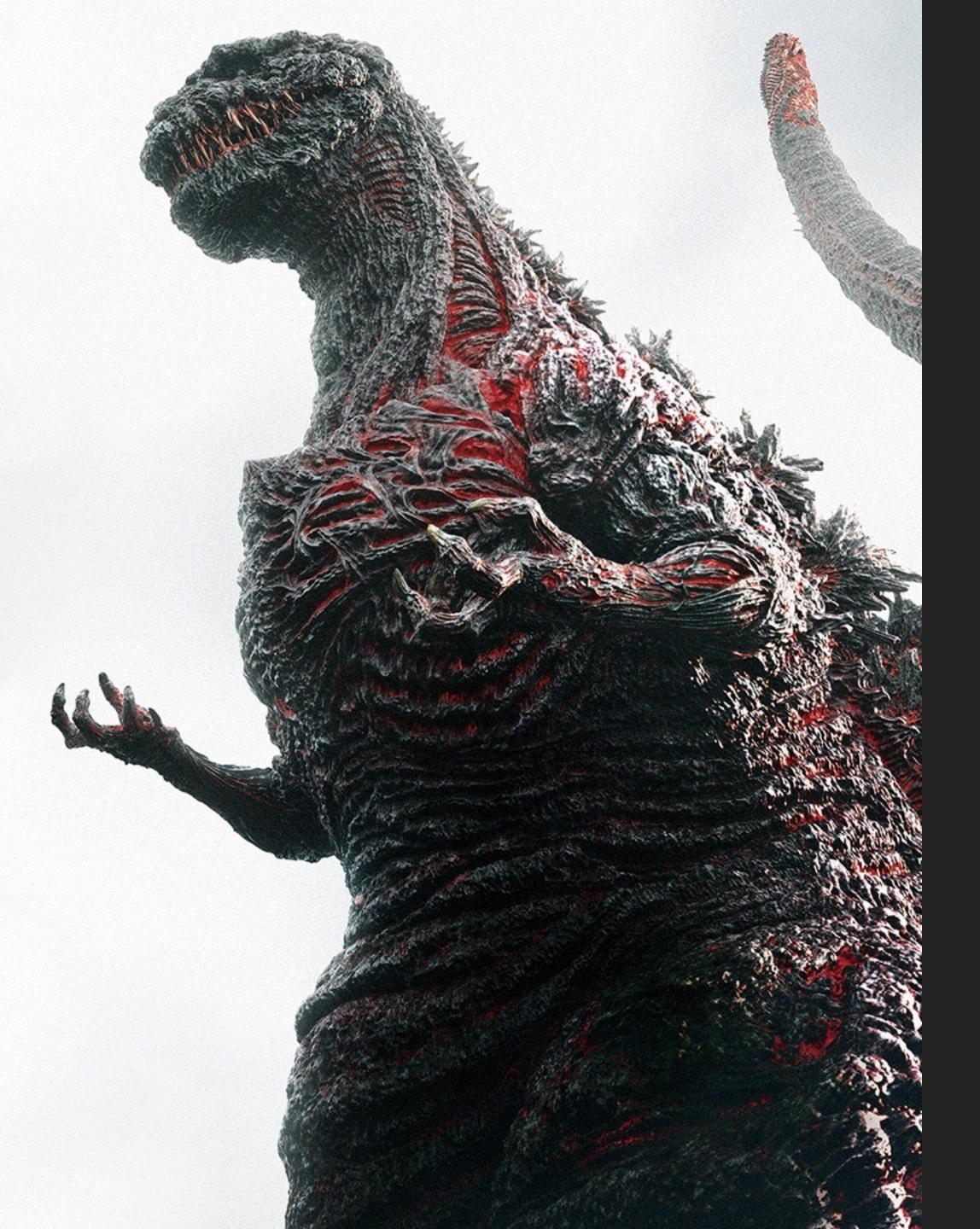**MIKLÓS MARTIN**

virgo

@miklos-martin

@miklosmartin

miklos-martin.github.io

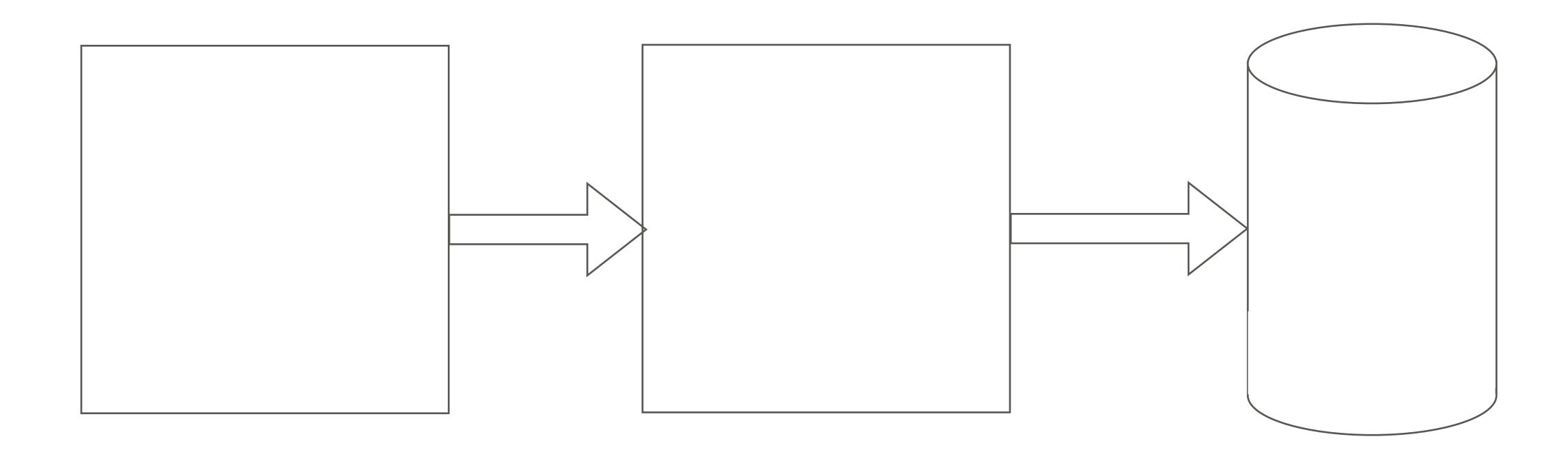virgo.systems

GIANT MONOLITHIC

BEASTS

HARDWARE

BOX ARROW BOX ARROW CYLINDER

SIMPLER

DEVELOP	TEST	DEPLOY	SCALE

HARDER

| DEVELOP | TEST | DEPLOY | SCALE |

DEFINITION(S)

MICROSERVICES ARE SMALL, AUTONOMOUS SERVICES THAT WORK TOGETHER.

Sam Newman

YOU DON'T GO AND HAVE A DEEP DISCUSSION WITH THE GOOGLE MAPS TEAM JUST TO USE THEIR MAPS API

Adrian Cockroft

. . . IS AN APPROACH TO DEVELOPING A SINGLE APPLICATION AS A SUITE OF SMALL SERVICES, EACH RUNNING IN ITS OWN PROCESS . . .
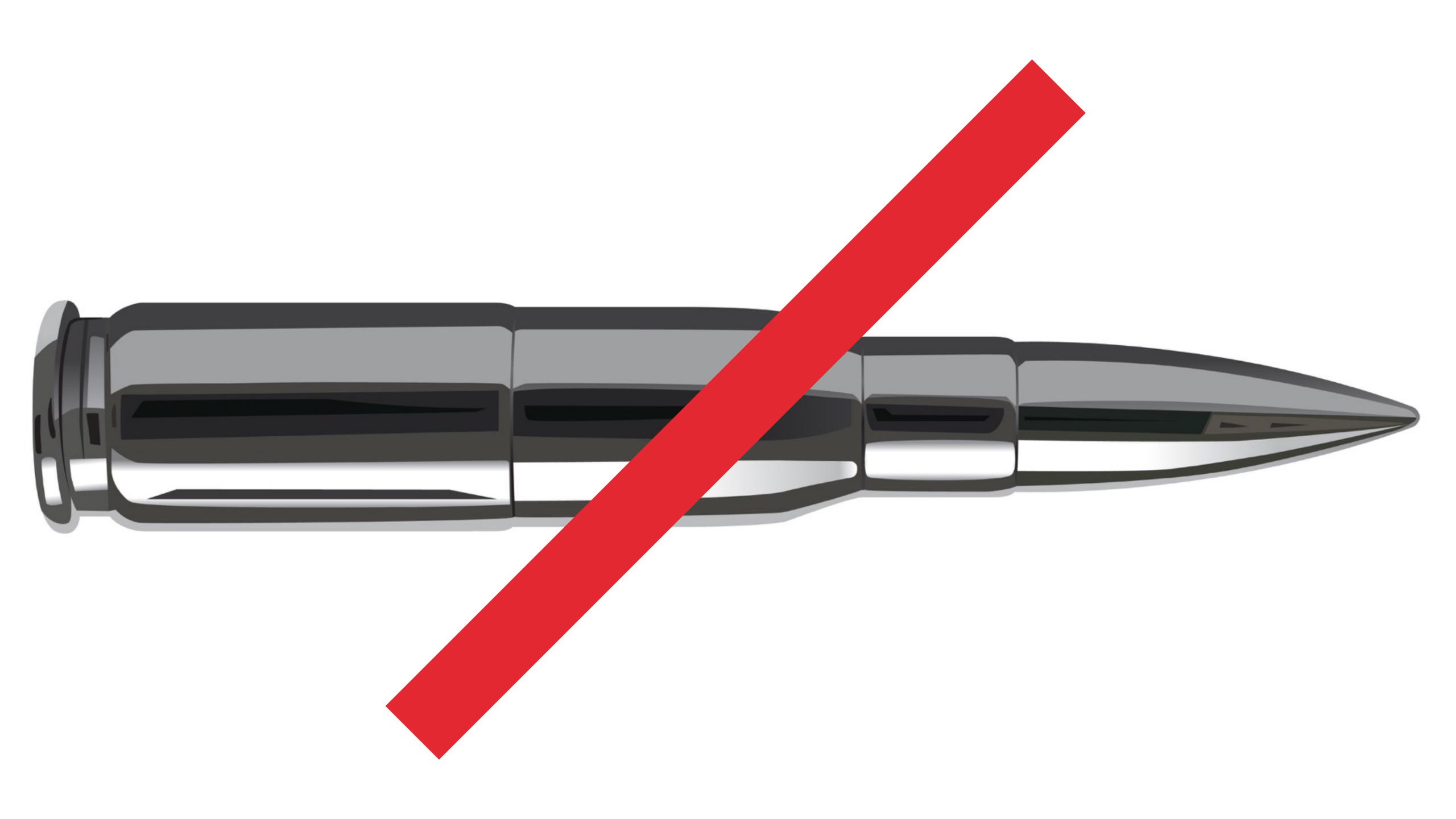
James Lewis, Martin Fowler

. . . IS AN APPROACH TO DEVELOPING A SINGLE APPLICATION AS A SUITE OF SMALL SERVICES, EACH RUNNING IN ITS OWN PROCESS . . .

James Lewis, Martin Fowler

. . . IS AN APPROACH TO DEVELOPING A SINGLE APPLICATION AS A SUITE OF SMALL SERVICES, EACH RUNNING IN ITS **OWN PROCESS** . . .

James Lewis, Martin Fowler

SHIPPED FEATURES

RESILIENCY

BUT IT AIN'T ABOUT HOW HARD YOU HIT. IT'S ABOUT HOW HARD YOU CAN GET HIT AND KEEP MOVING FORWARD; HOW MUCH YOU CAN TAKE AND KEEP MOVING FORWARD. THAT'S HOW WINNING IS DONE!

Rocky Balboa

THE ABILITY OF A SUBSTANCE OR OBJECT TO SPRING BACK INTO SHAPE. THE CAPACITY TO RECOVER QUICKLY FROM DIFFICULTIES.

Merriam Webster

PRINCIPLES

KNOW YOUR DOMAIN

Sales Context

Support Context

Opportunity — Pipeline

Opportunity — Territory — Customer — Product — Sales Person

Customer — Ticket — Defect — Product Version

Product

BACKEND REQUESTS

100k+

50k+

45k+

KNOW YOUR DOMAIN

AUTOMATE ALLTHETHINGS

KNOW YOUR DOMAIN

AUTOMATE ALLTHETHINGS

HIDE THE INTERNALS

DB

DB

DB

KNOW YOUR DOMAIN

AUTOMATE ALLTHETHINGS

HIDE THE INTERNALS

DECENTRALIZE EVERYTHING

MAGICAL MYSTERY BUS

KNOW YOUR DOMAIN

AUTOMATE ALLTHETHINGS

HIDE THE INTERNALS

DECENTRALIZE EVERYTHING

DEPLOY INDEPENDENTLY

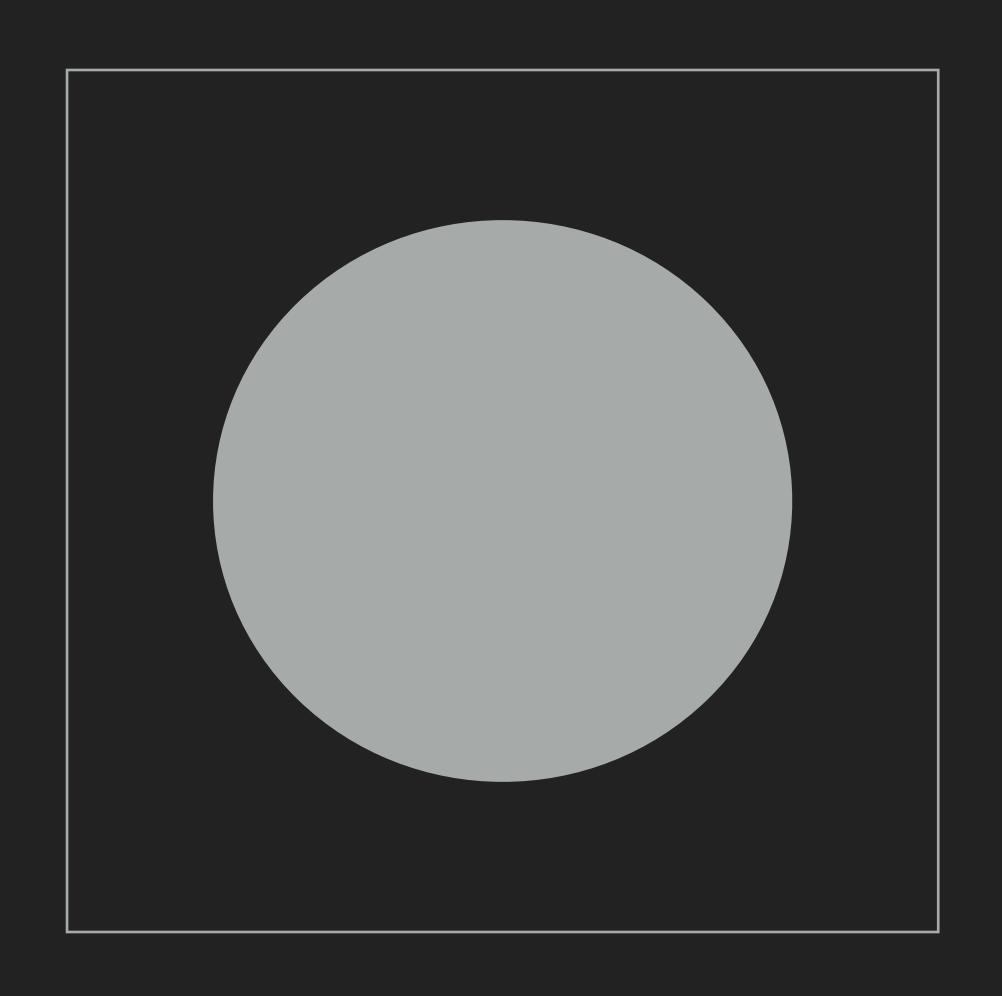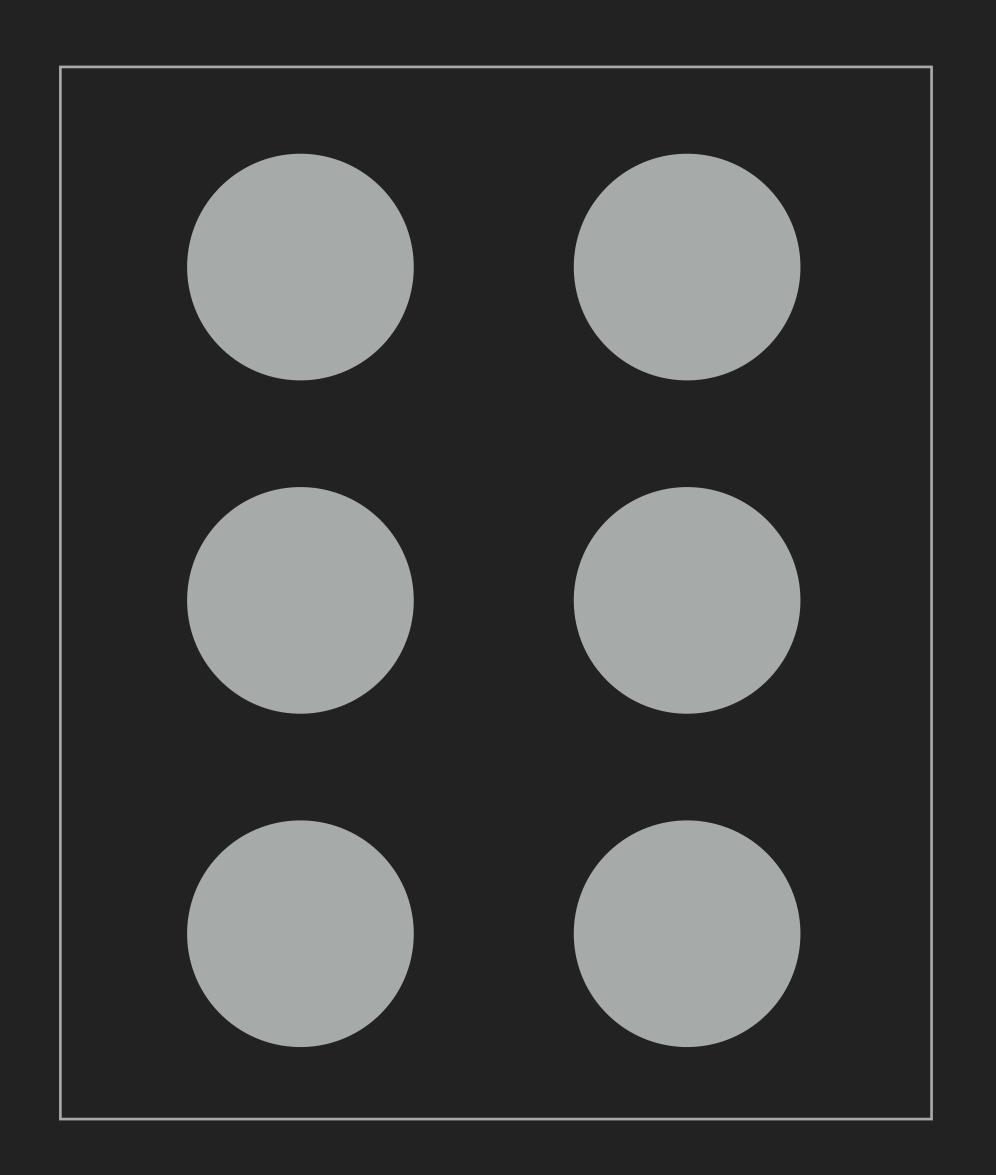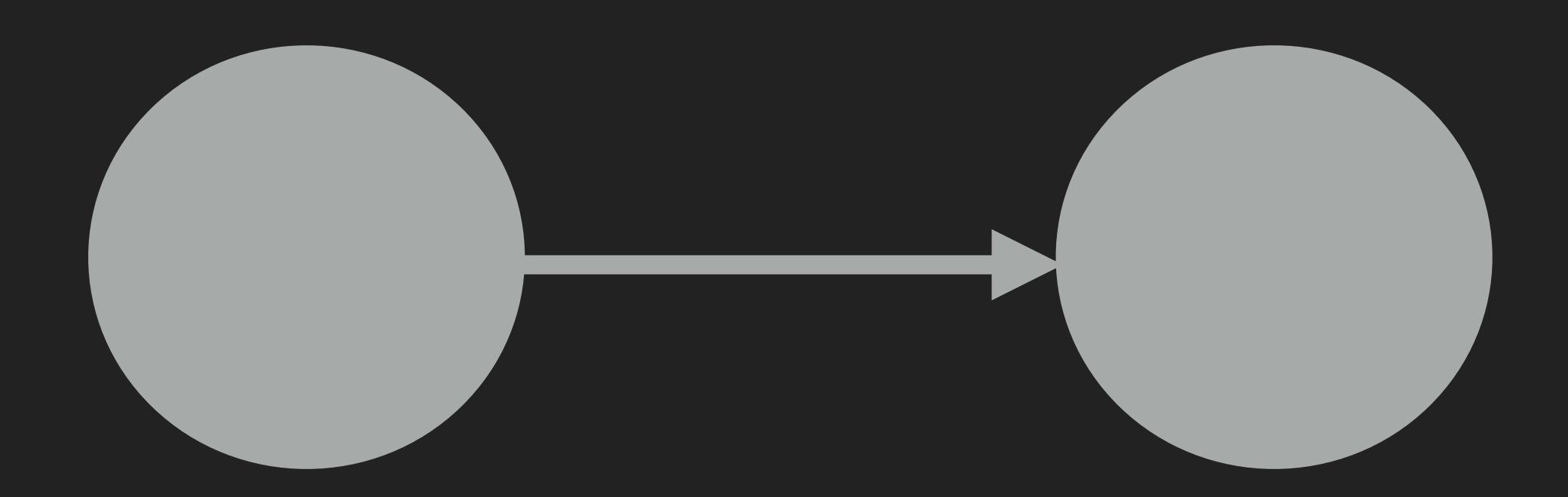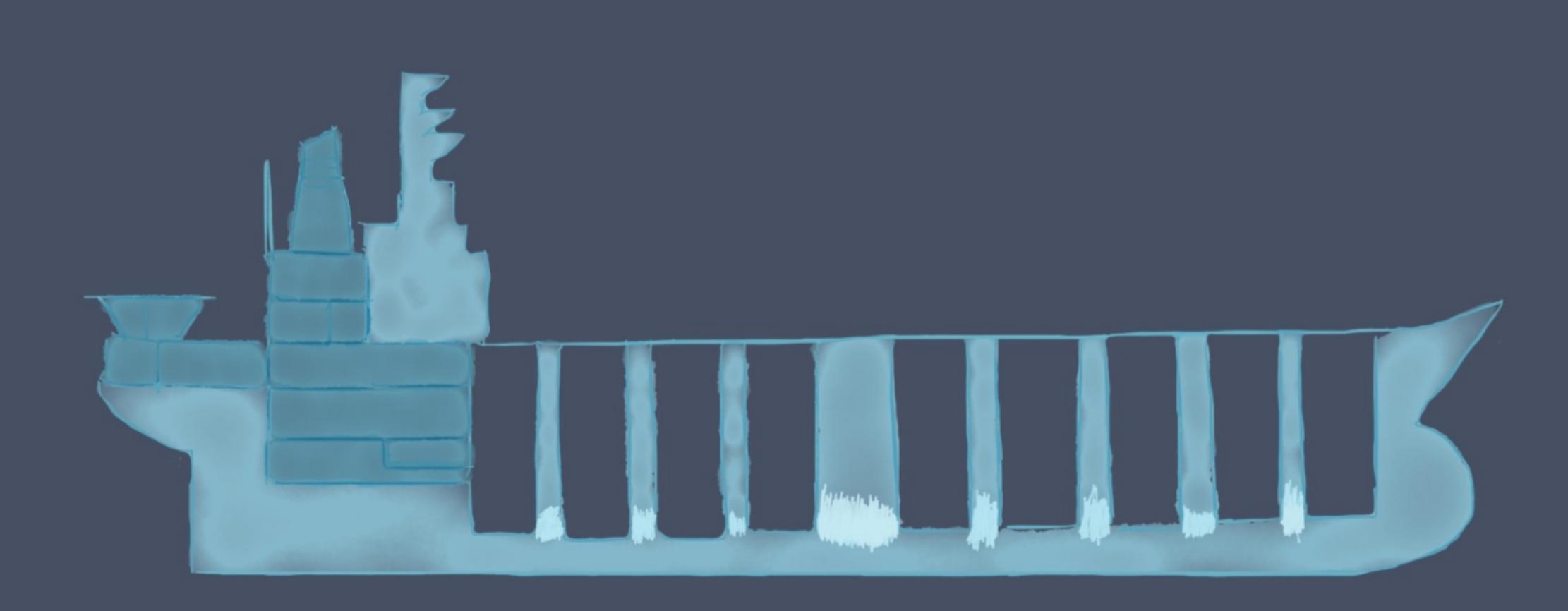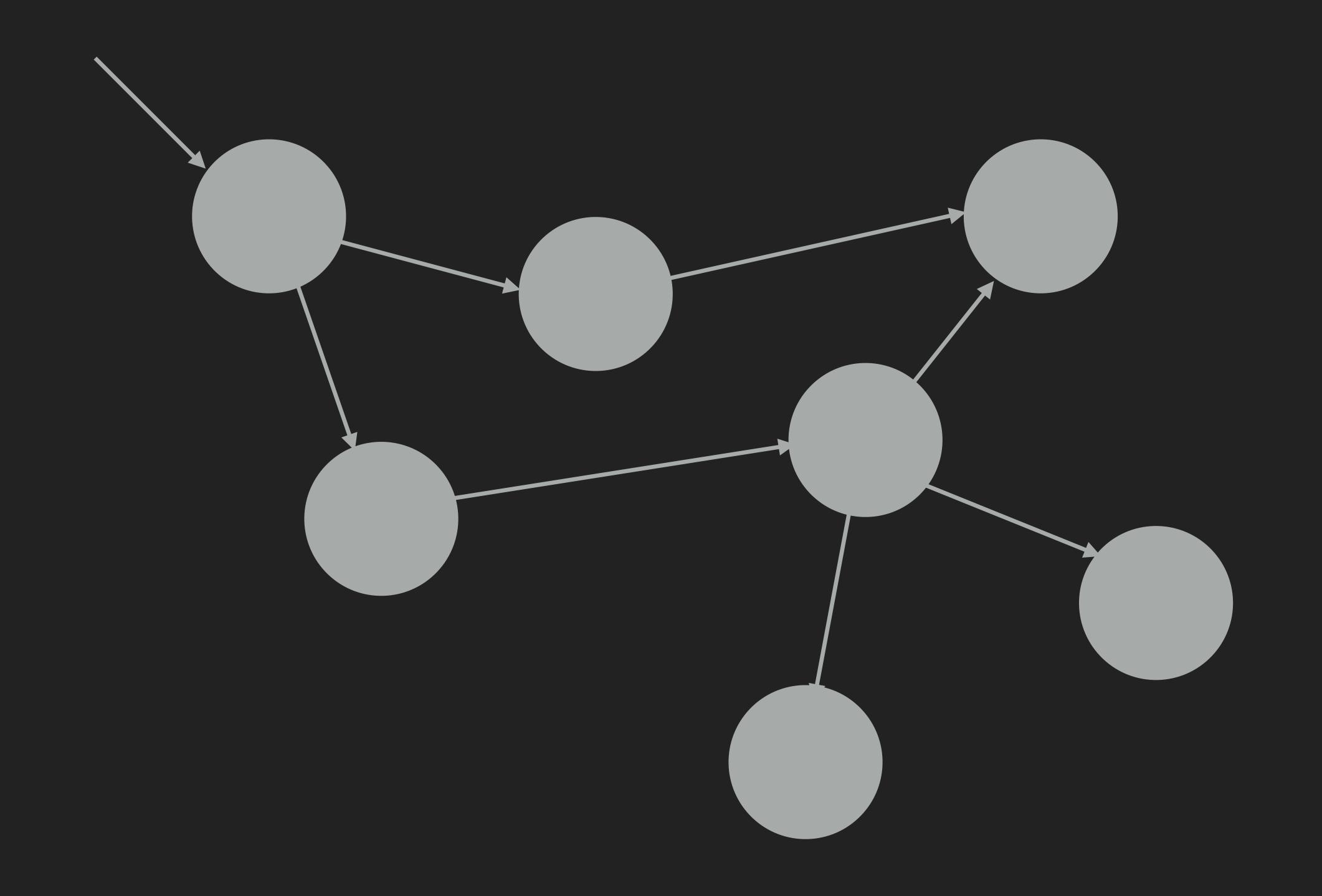KNOW YOUR DOMAIN

AUTOMATE ALLTHETHINGS

HIDE THE INTERNALS

DECENTRALIZE EVERYTHING

DEPLOY INDEPENDENTLY

ISOLATE FAILURE

WELL DOCUMENTED   CONSISTENT   CONVENIENT

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