goto; copenhagen

GOTO Copenhagen 2018

Conference Nov. 19 - 21

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Sustainable Architecture

2018 @sharkzp

Me:

- Lead at Shopify.
- Ruby Engineer.
- Husband.
- Cat ~~owner~~ servant.

600k+ Merchants

2,200+ Apps in App Store

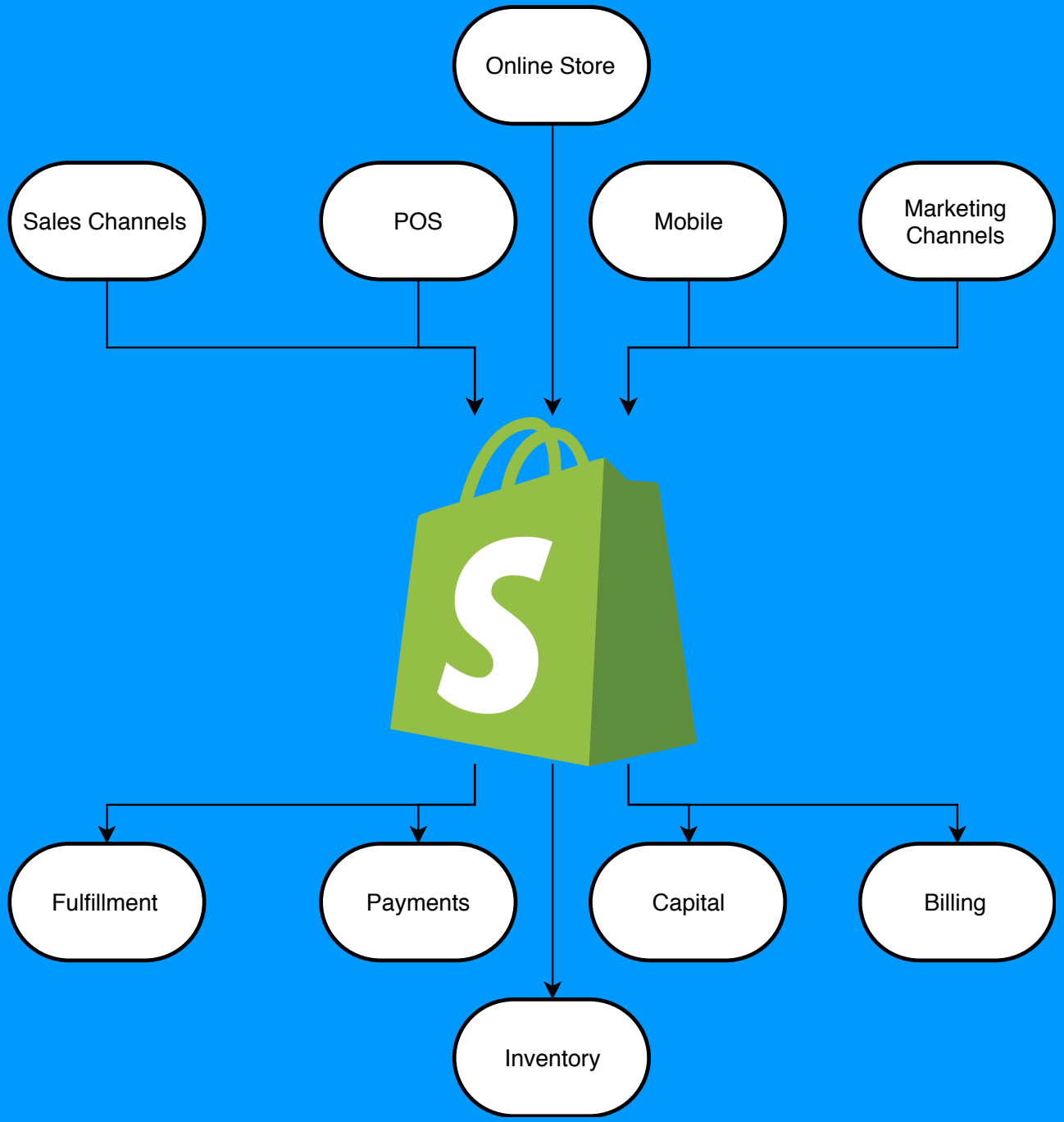
$82 Billion Total Sales

180 000 PRs merged

200+ each day

14 years in development

3,000+ employees


Online Store
Sales Channels
POS
Mobile
Marketing Channels
Fulfillment
Payments
Capital
Billing
Inventory

Projects

Success?

Failure?

According to Standish Group's 2015 Annual CHAOS report, **66% of technology projects** end in partial or total failure.

How it all starts

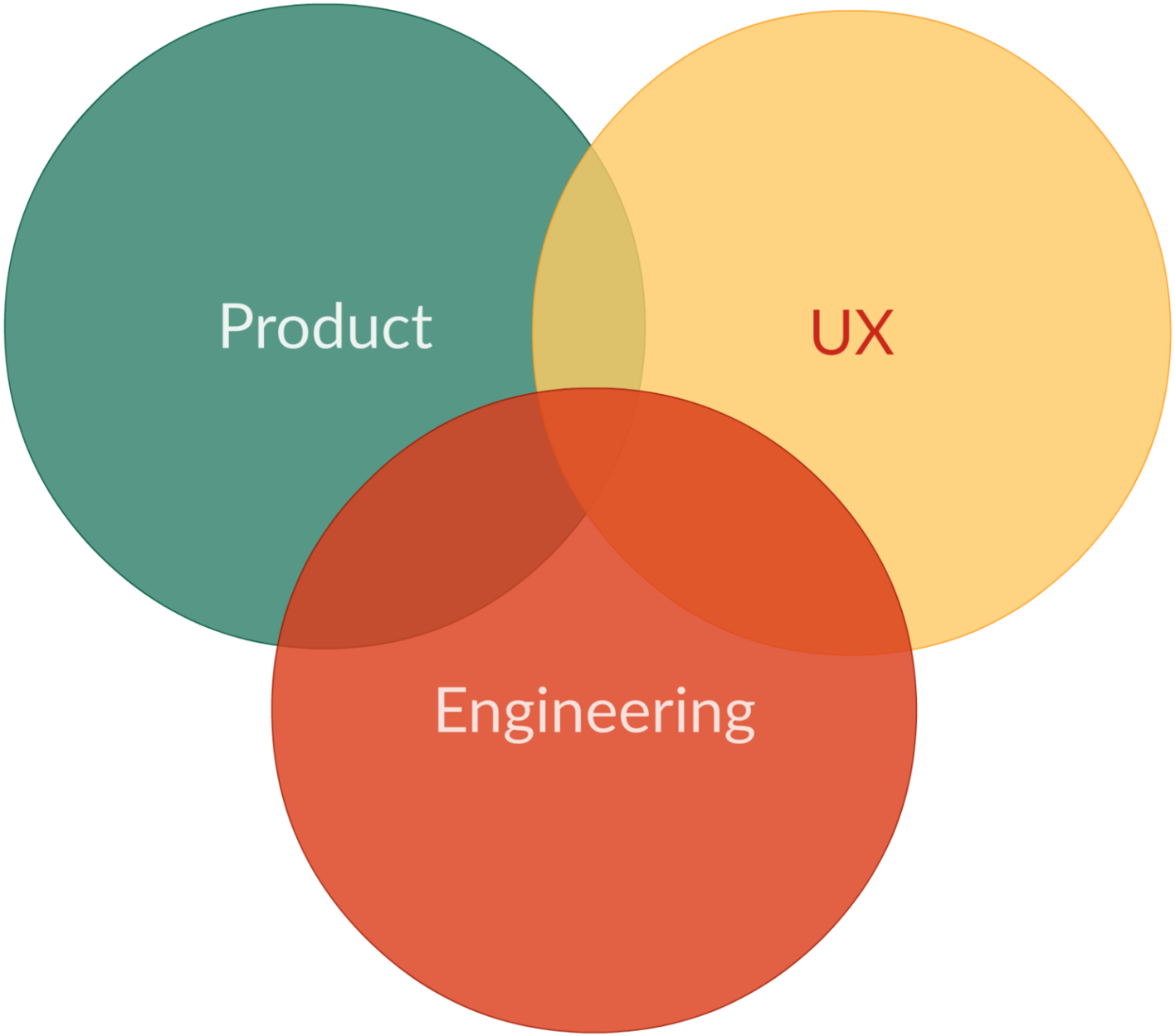
Idea

1156

RUMAH
SEMUT

First Principle

Competent team



“ Inclusive teams make better business decisions up to 87% of the time.

Purpose

Give the reason why this idea is important

Autonomy

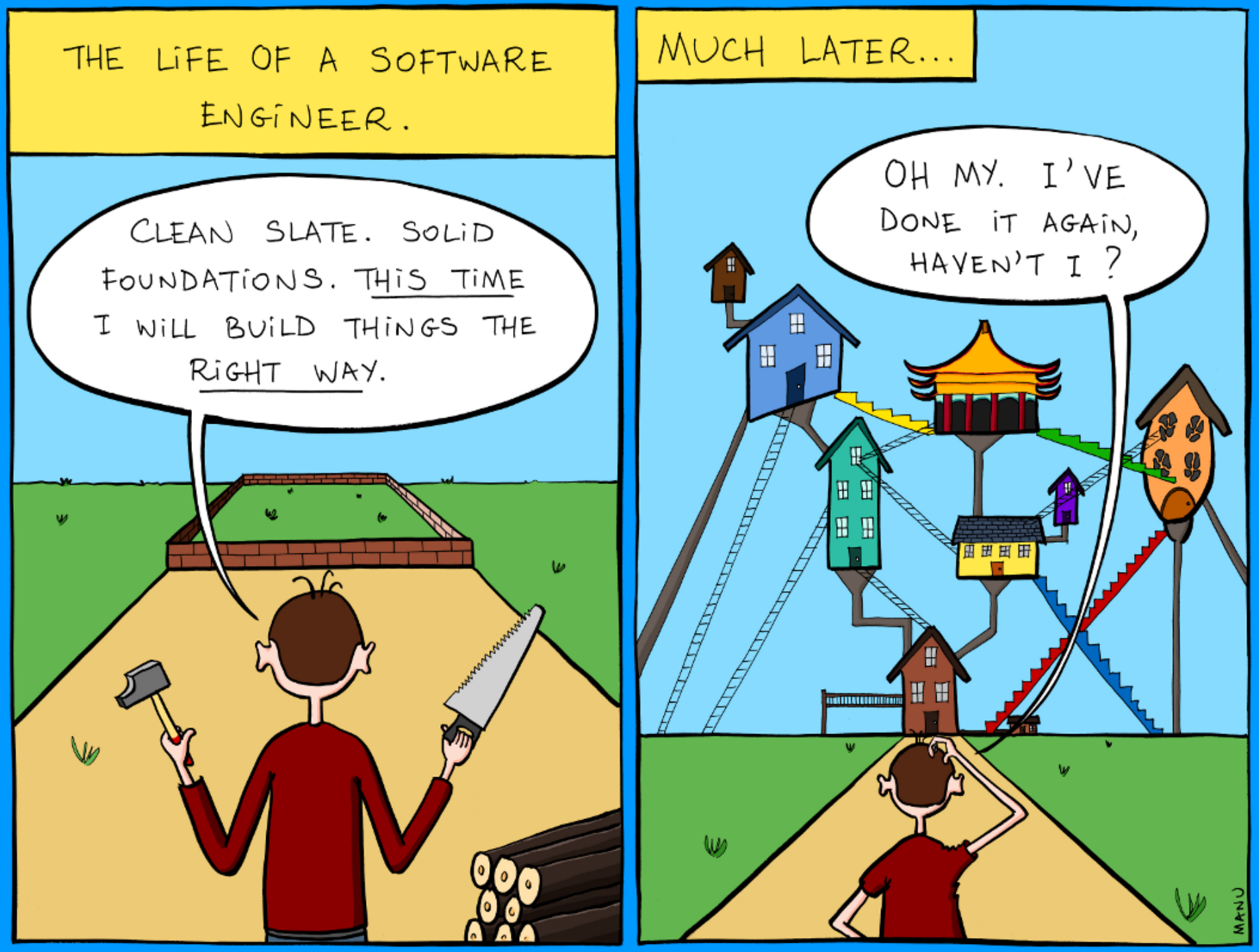
Help them and guide if you can, but don't tell how to do their job

Mastery

Let them grow in their craft

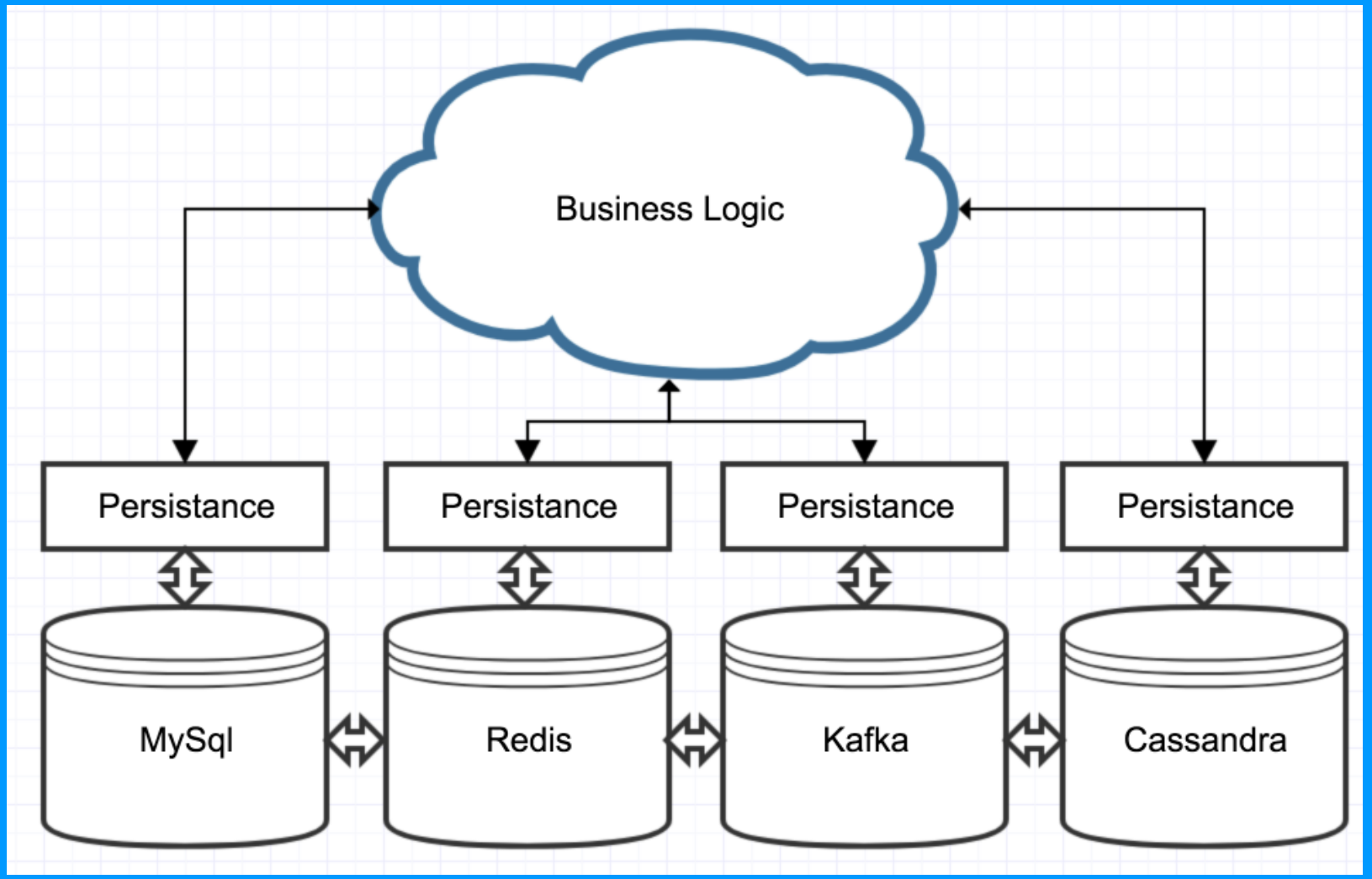
Second Principle

Strong Foundation


THE LIFE OF A SOFTWARE ENGINEER.
CLEAN SLATE. SOLID FOUNDATIONS. THIS TIME I WILL BUILD THINGS THE RIGHT WAY.
MUCH LATER...
OH MY. I'VE DONE IT AGAIN, HAVEN'T I ?
MANU

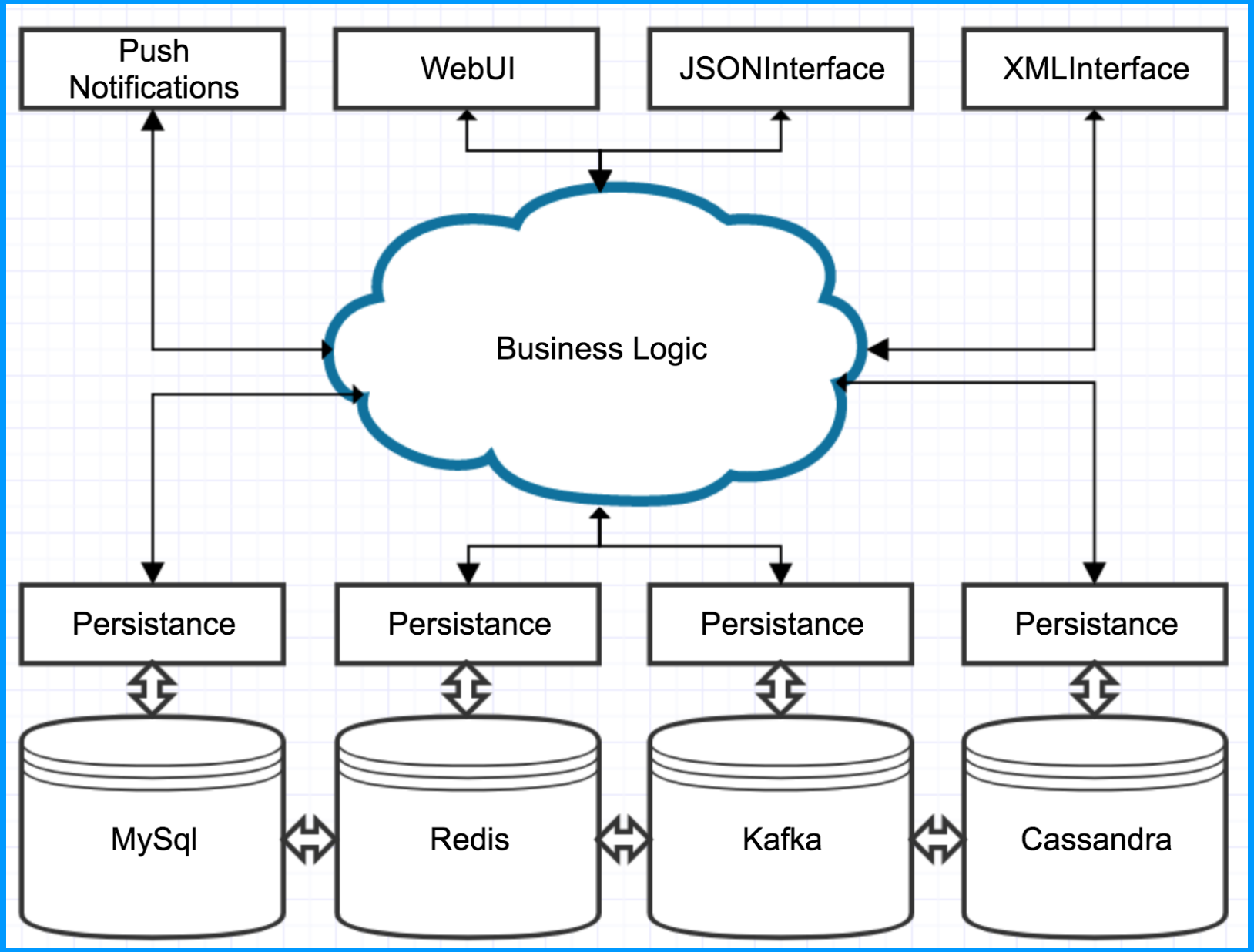
Platform Independent

Data and Processes shouldn't know how each of them implemented


Business Logic
Persistance
Persistance
Persistance
Persistance
MySql
Redis
Kafka
Cassandra

Simple Interfaces

Input/Output independent implementations


Push Notifications
WebUI
JSONInterface
XMLInterface
Business Logic
Persistance
Persistance
Persistance
Persistance
MySql
Redis
Kafka
Cassandra

Bounded Contexts

Place similar logic close to each other but not into each other

Third Principle

Team of Teams

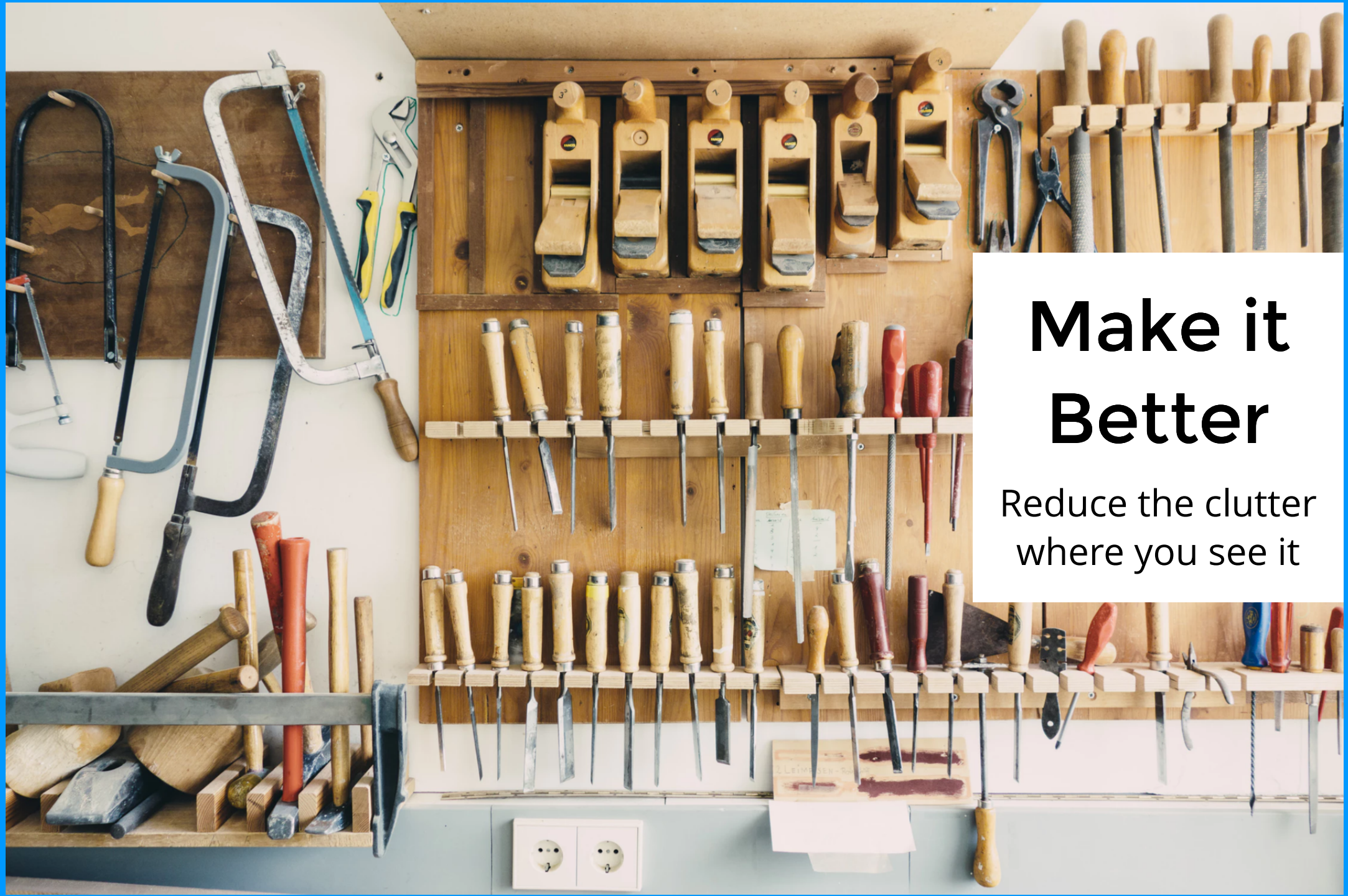
Alignment

Make sure that others are aware

Mindful

Ambitious goals that can be delivered

(maybe in pieces).



Make it Better

Reduce the clutter where you see it

Have Fun!

Work/Life balance nourish more creative culture

Questions?

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Please

Remember to rate this session

Thank you!

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