

goto;

GOTO Copenhagen 2022

#GOTOcph

Patterns of Legacy Displacement



Ian Cartwright
Rob Horn
James Lewis

Credit: Martin
Fowler

Presented by Ian and Rob from Thoughtworks

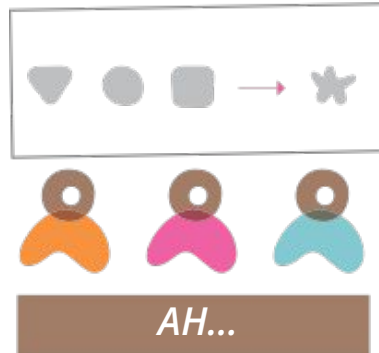
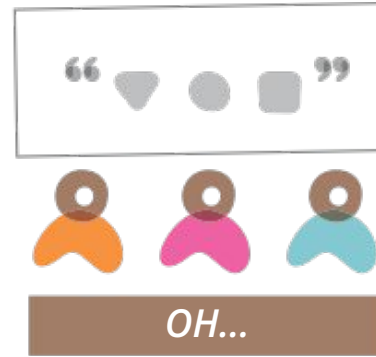
Why legacy happens



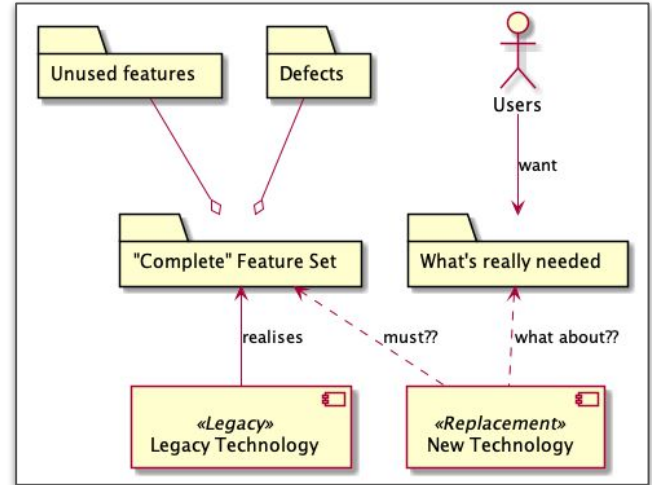
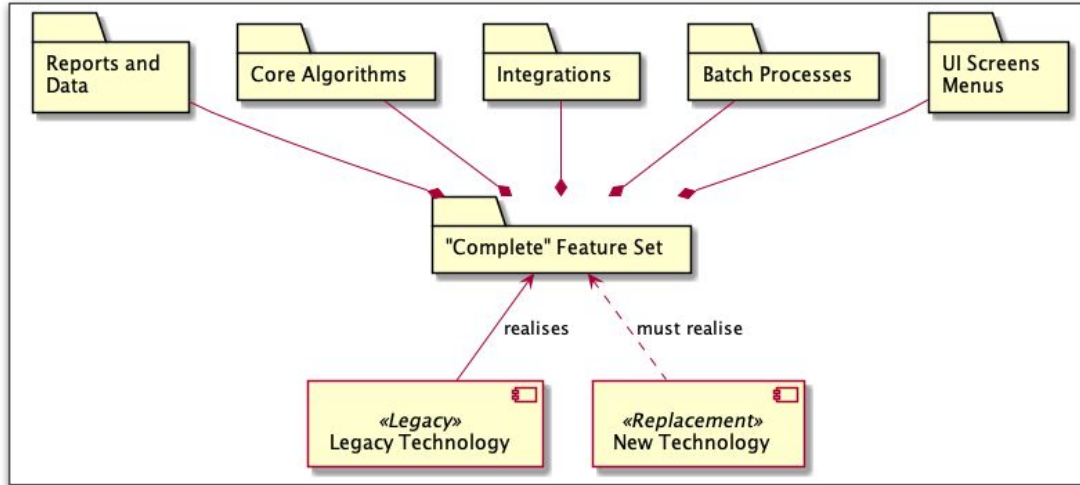
Credit: pubic domain

1. What are we trying to achieve?
2. Breaking Up The Problem
3. Delivery
4. Organisational Transformation

Part One - What are we trying to achieve?



Feature Parity

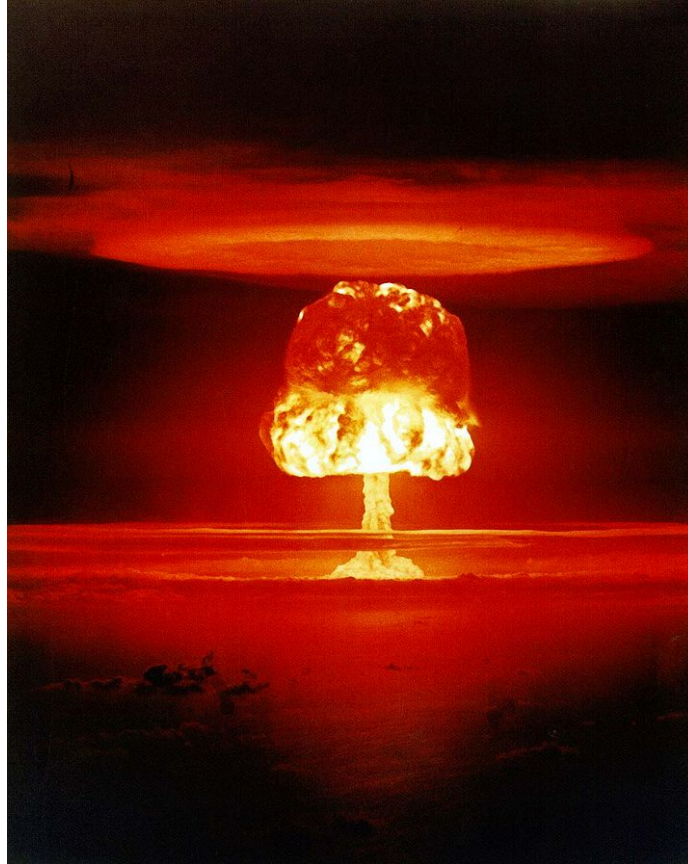


Feature Parity



Credit: [wikipedia](#)
[commons](#)

Big Bang Release



Credit: [wikipedia](#)
[commons](#)

Part Two - Breaking Up The Problem



Credit: NASA/
Brooke Medley

Extract Product Lines

10	Household and Interior Goods/ Art Gallery		
9	Outdoor Items & Golf/ Babies' & Children's Wear		
8	Men's Fashion	WELLBE FIELD	 TOKYU HANDS
	Men's Wear	Sports & Fashion/ Beauty	Stationery
7	Men's Wear	Ladies' Fashion	Variety Goods
		Ladies' Wear	
6	Business Wear/ Shoes/Bags/ Men's Underwear	Ladies' Wear Plus Size/ Petite Size	DIY tools & Materials

Other ways



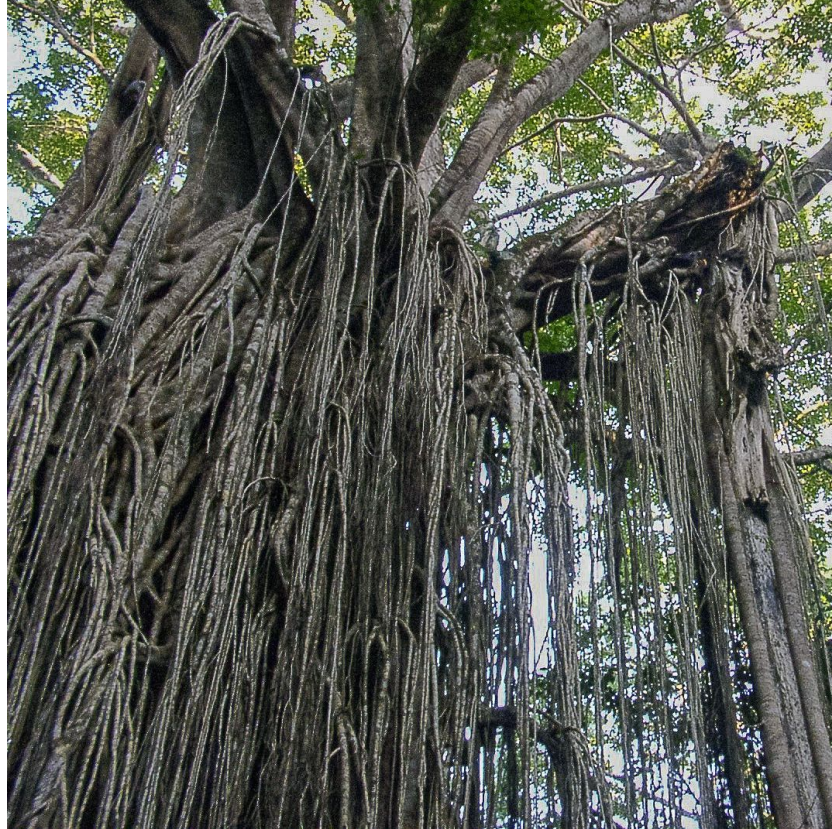
"[Customized LEGO mini figures chess set.](#)"
by [Iyan Ha](#) is licensed under [CC BY-ND 2.0](#).

Part Three - Delivery



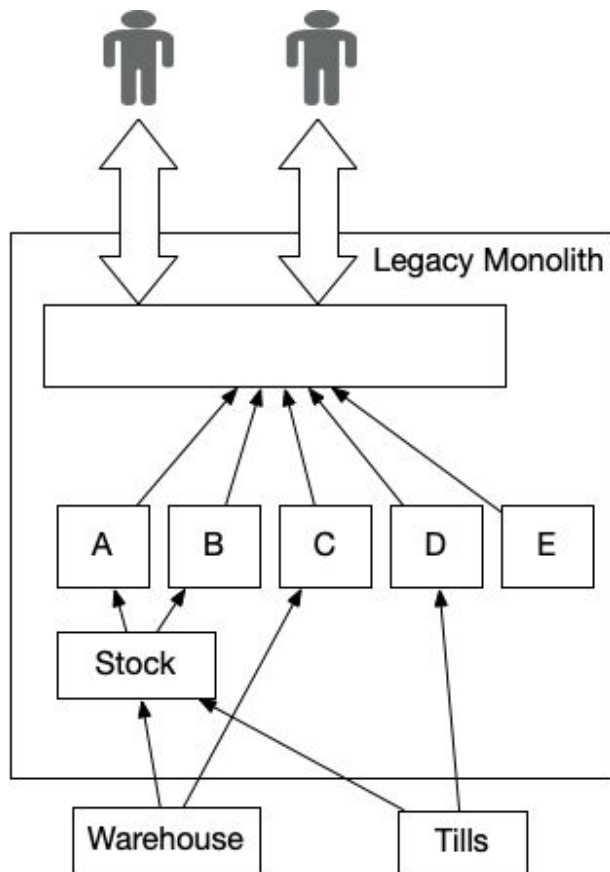
Credit: [wikipedia](#)
[commons](#)

Strangler Vine

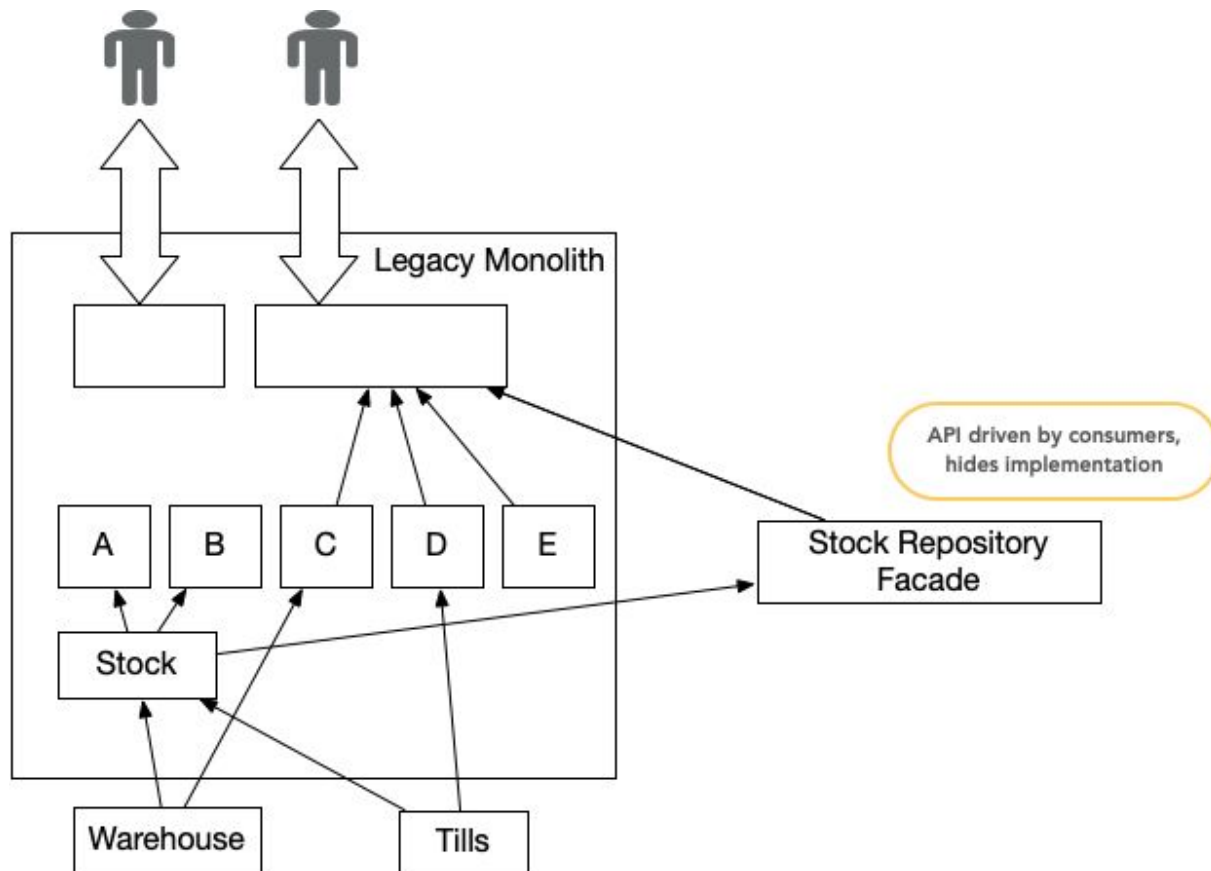


Credit: Martin
Fowler

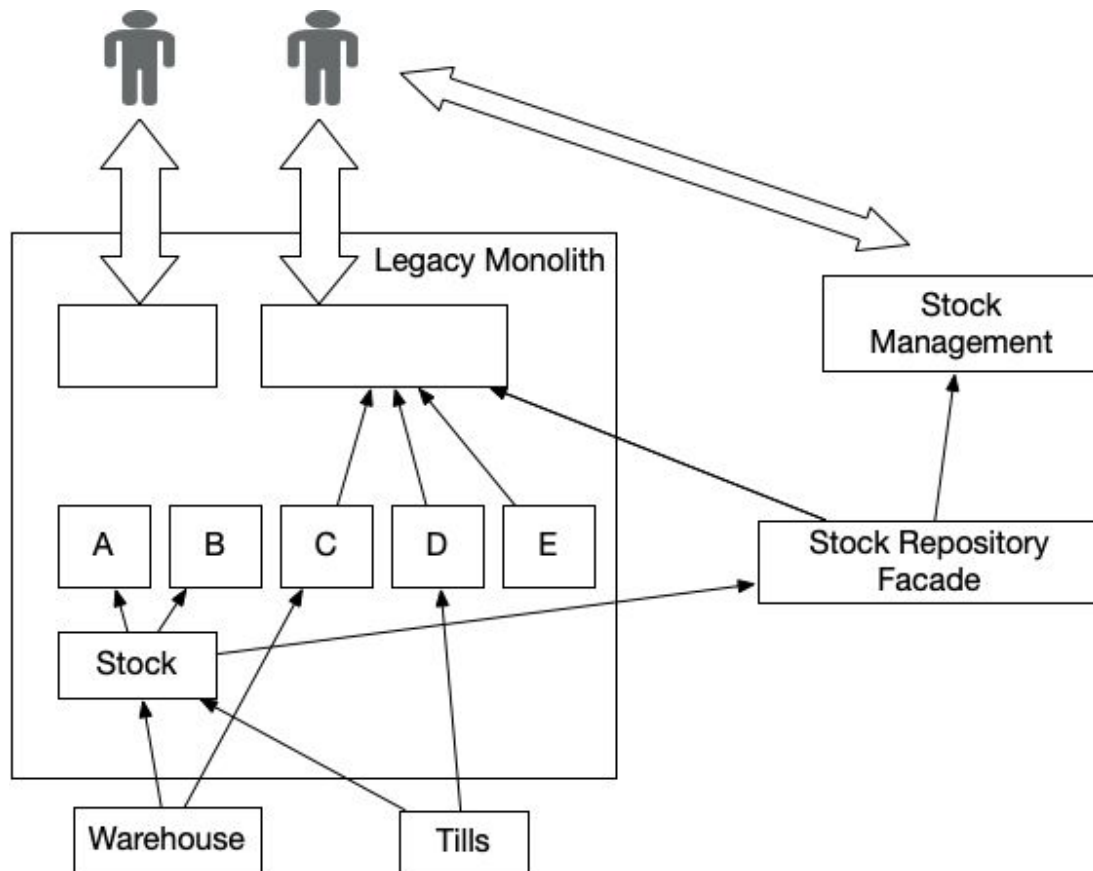
Strangler Vine



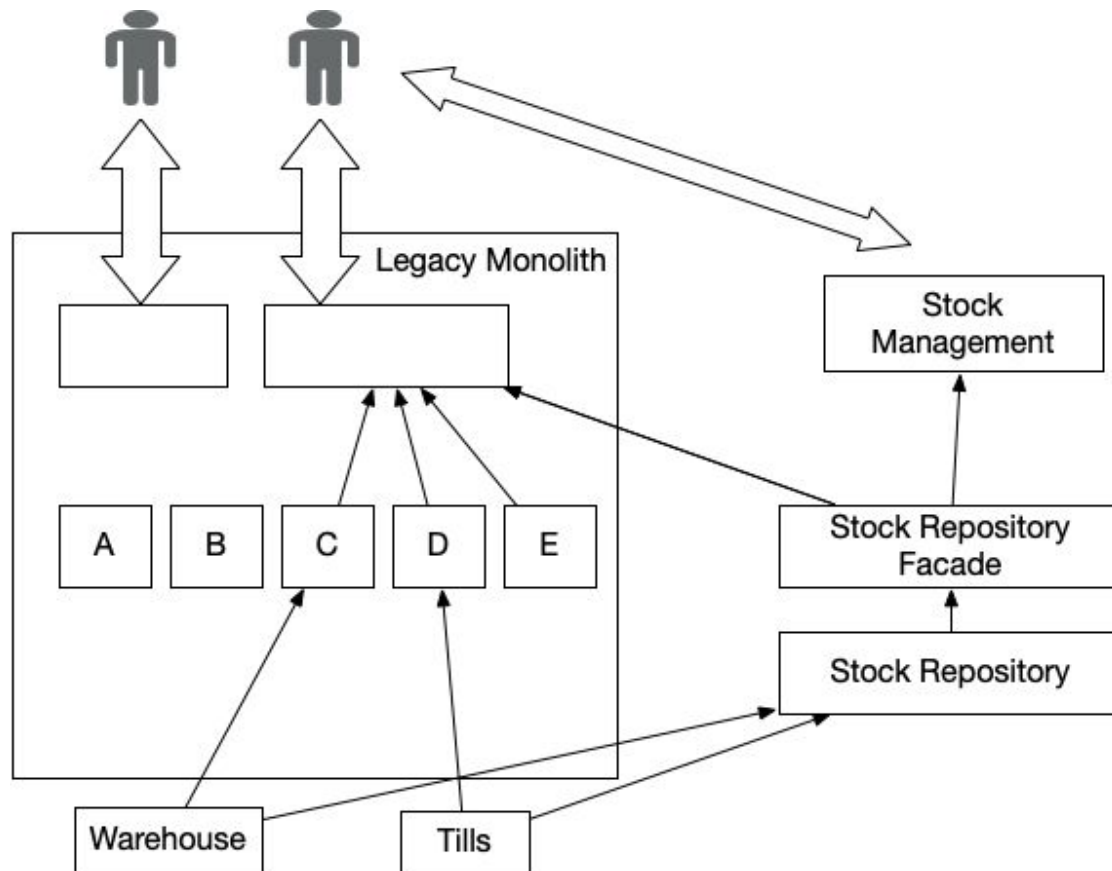
Strangler Vine



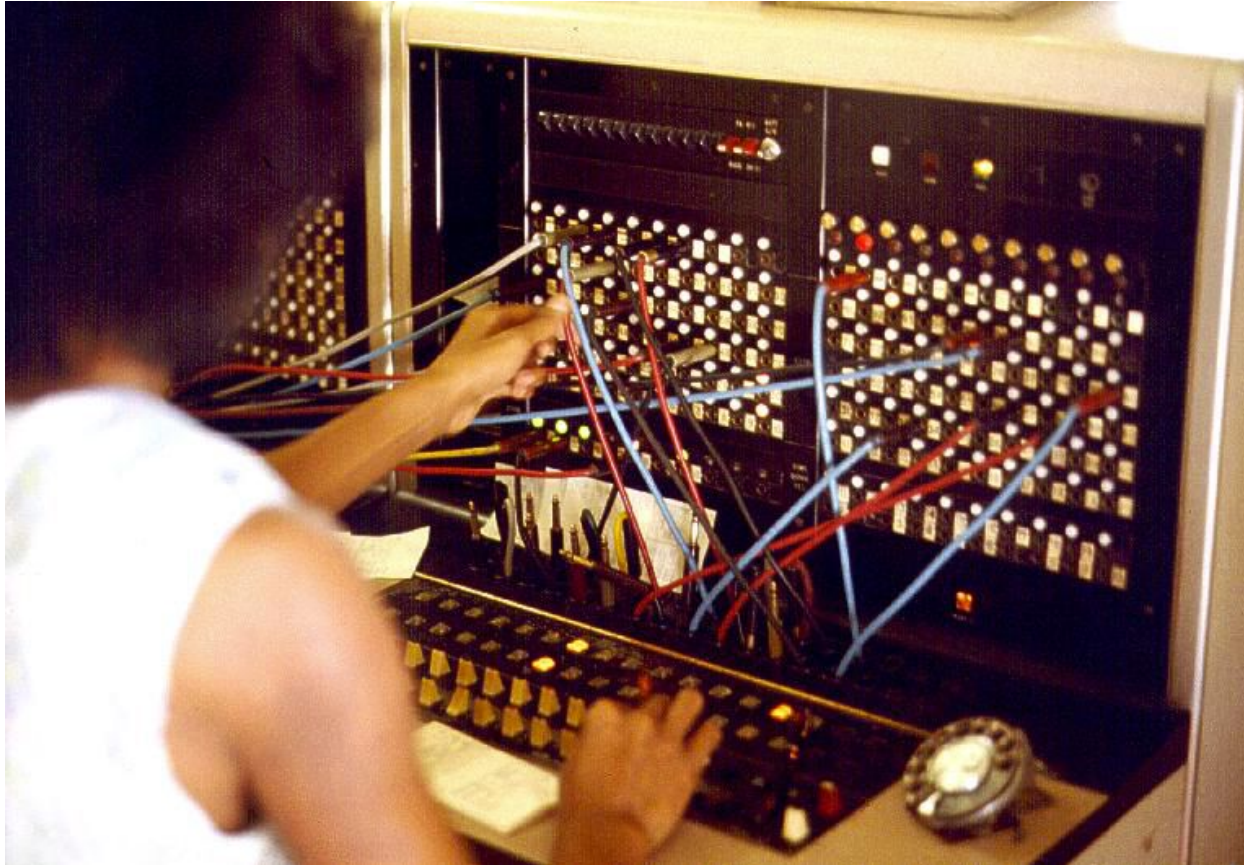
Strangler Vine



Strangler Vine

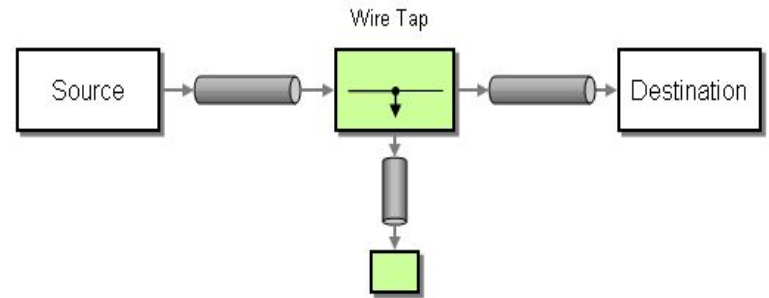
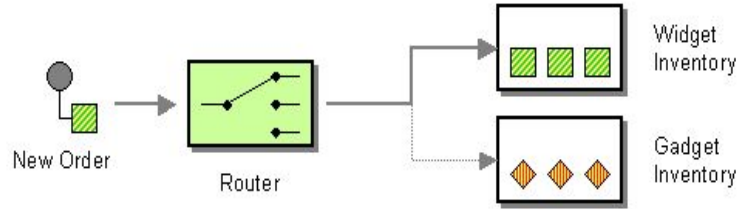
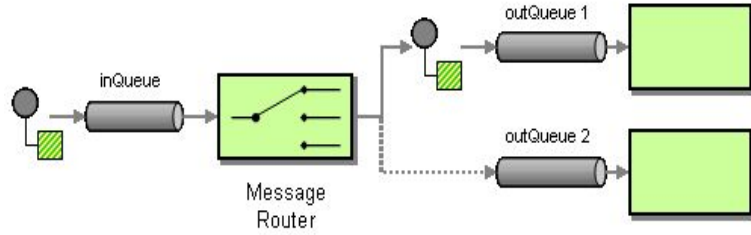


Event Interception



Credit: [wikipedia](#)
[commons](#)

Event Interception

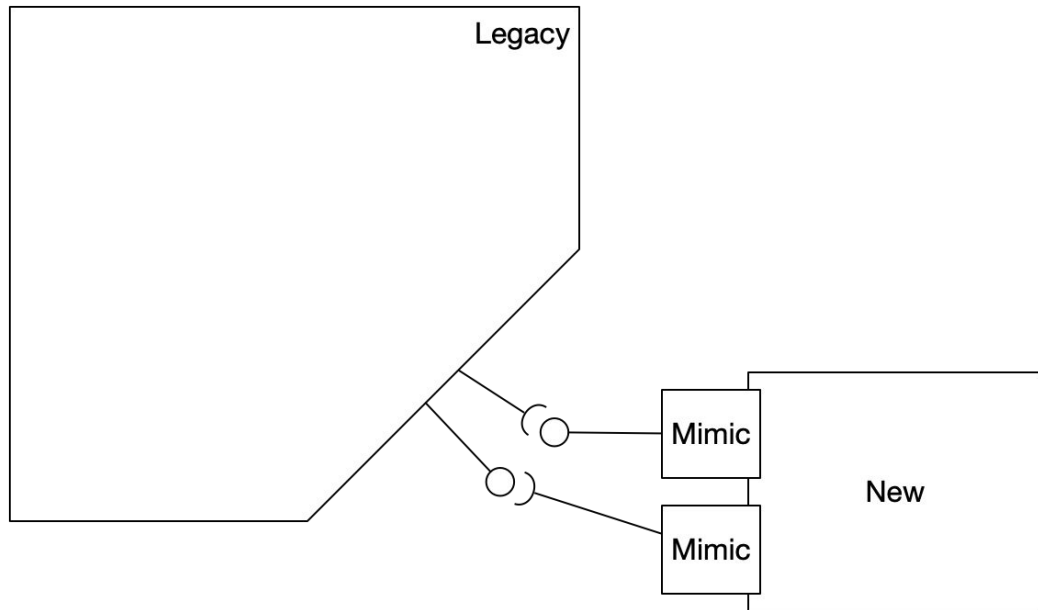
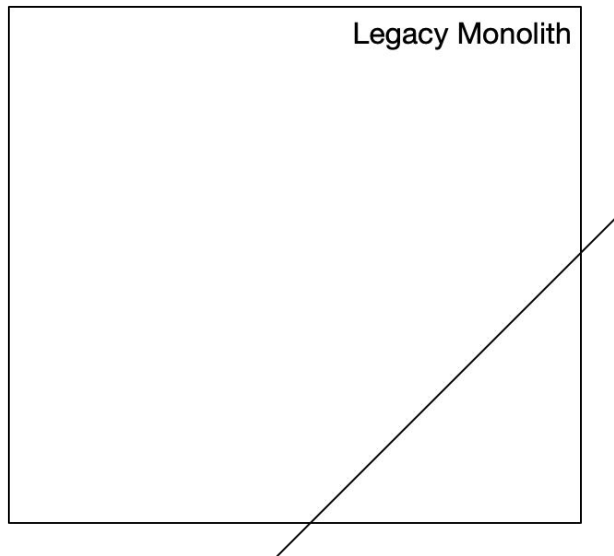


Legacy Mimic

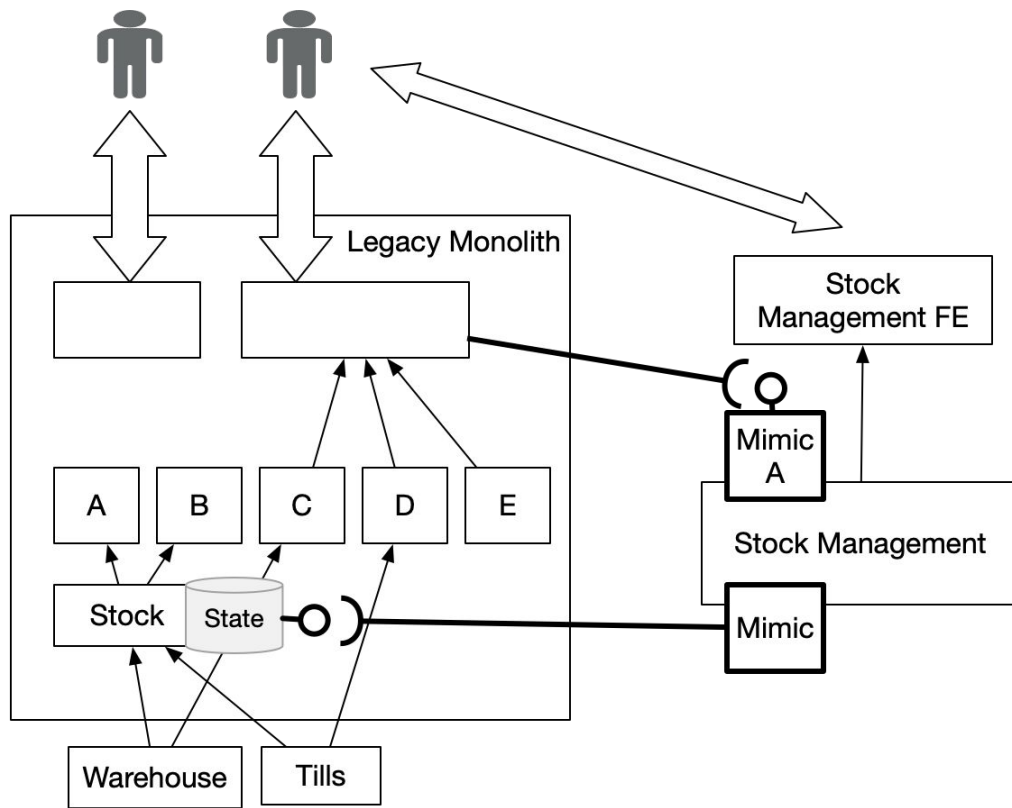


Credit: Flickr/
[Joachim S. Müller](#)

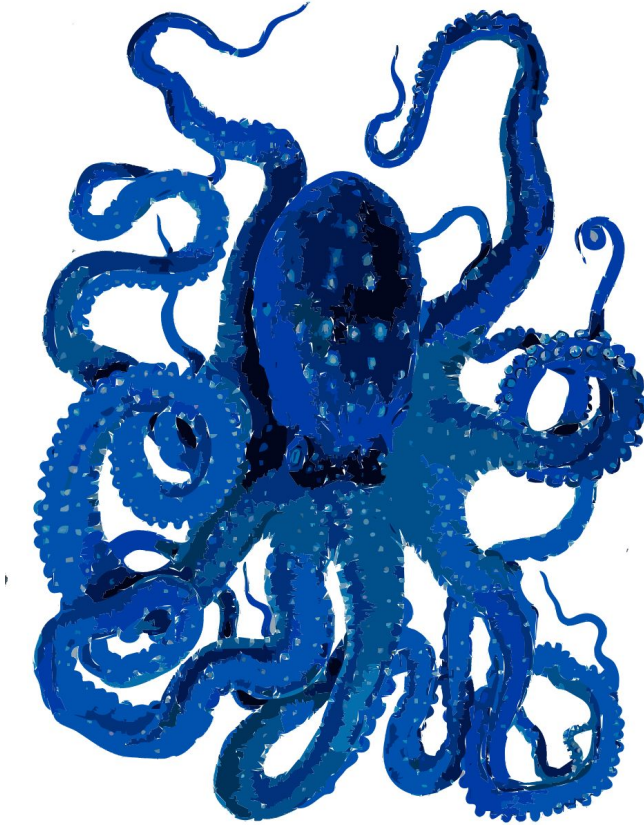
Legacy Mimic



Legacy Mimic

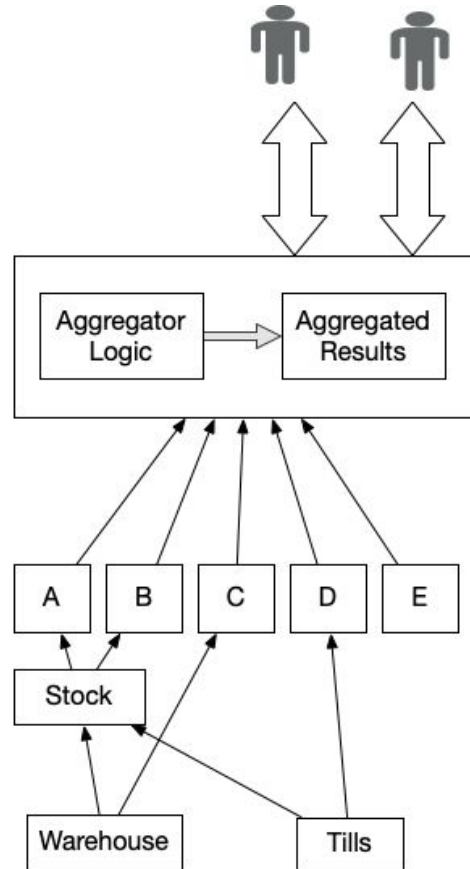


An aside - Critical Aggregator



Credit: Open
clipart

An aside - Critical Aggregator

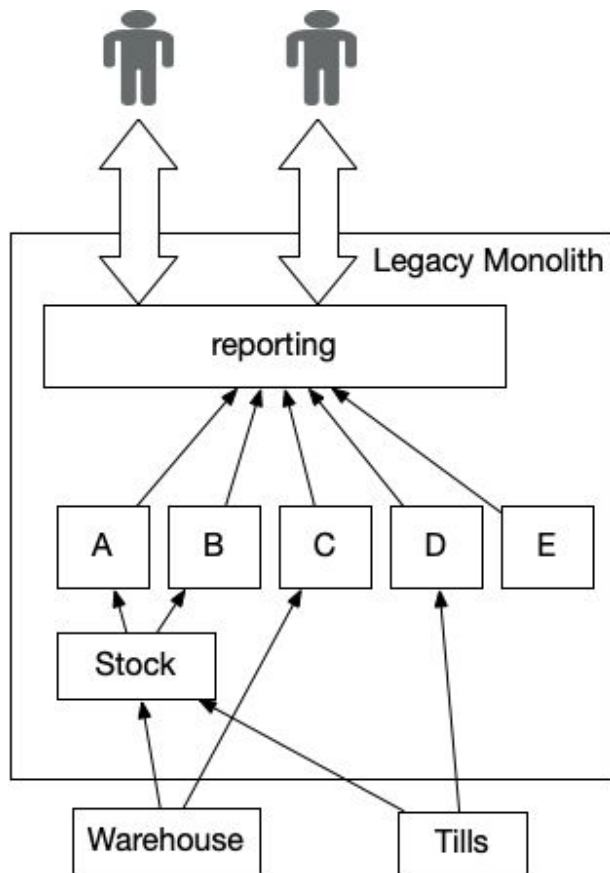


Divert the Flow

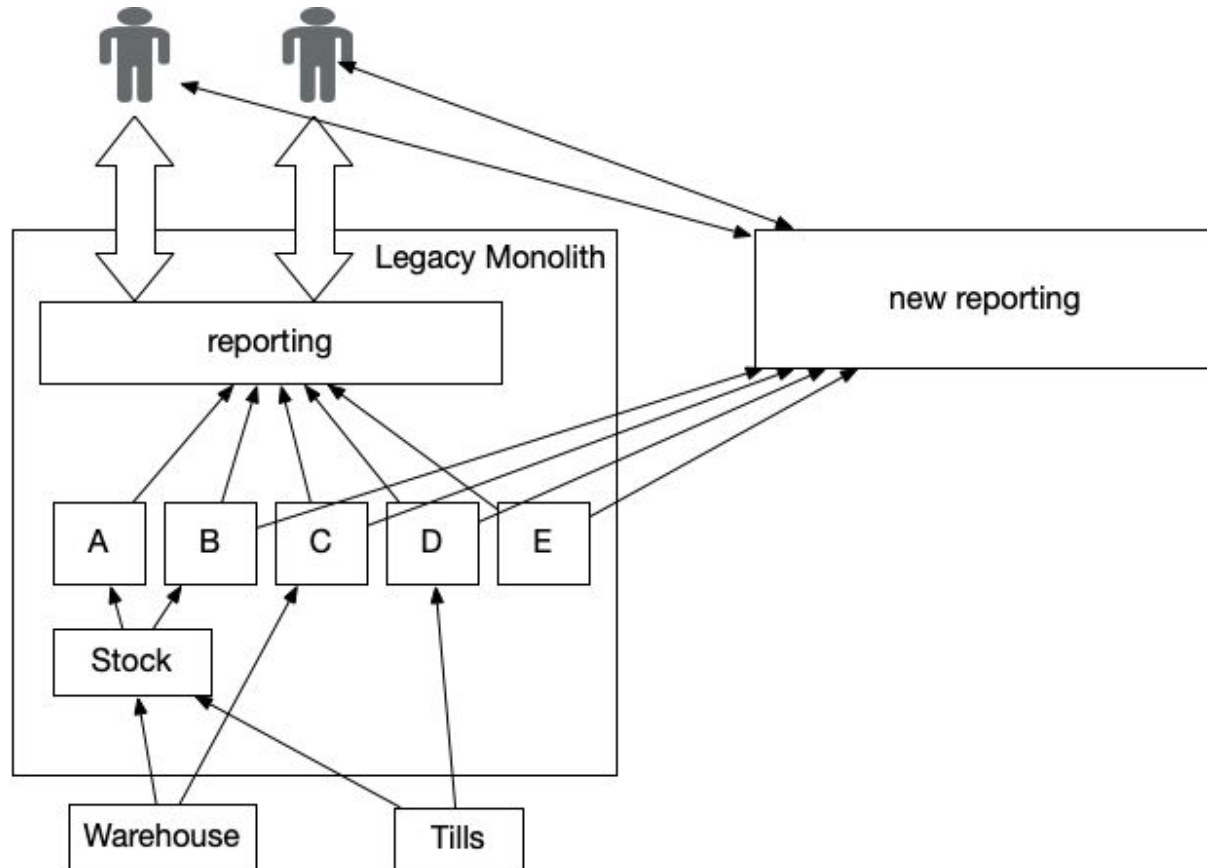


Credit: National Park
Service / US Dept
of Interior

Divert the Flow



Divert the Flow

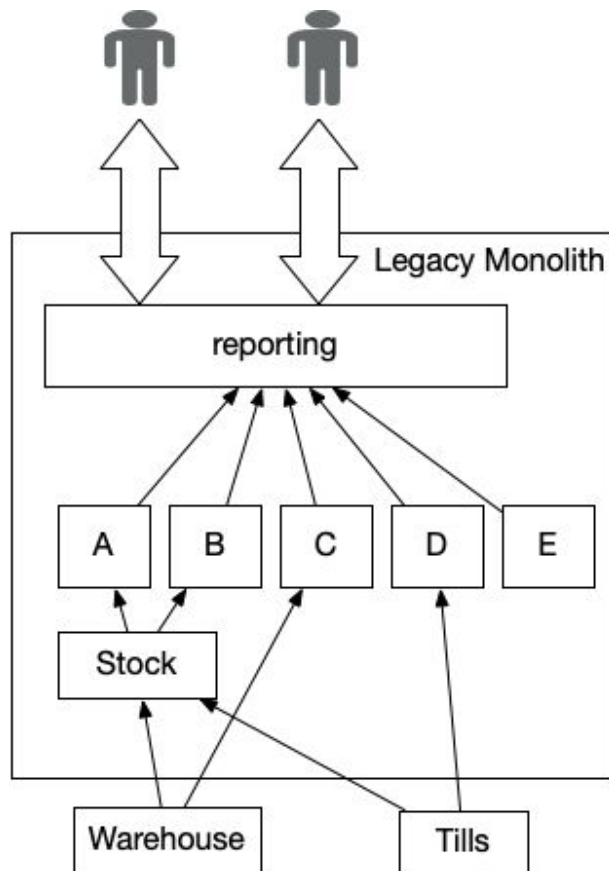


Revert To Source

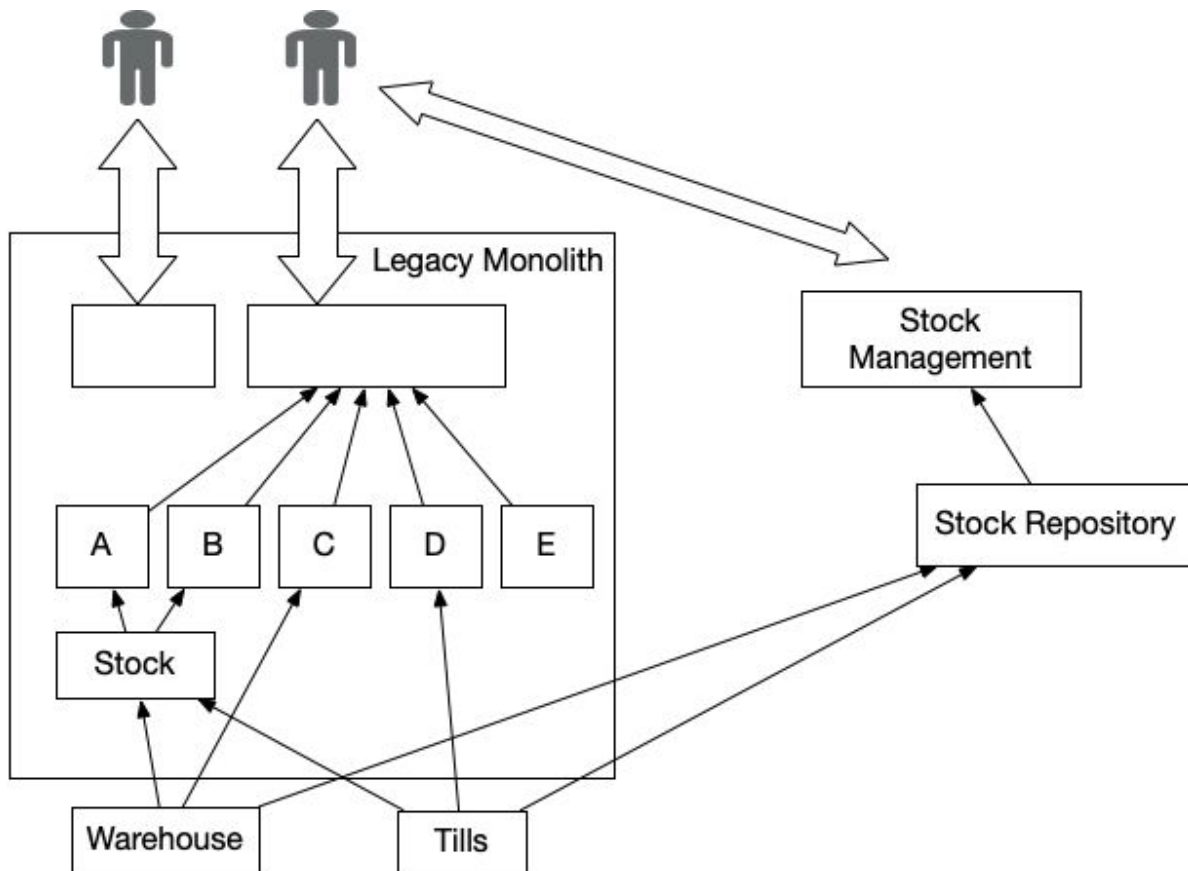


Credit: [wikipedia](#)
[commons](#)

Revert To Source



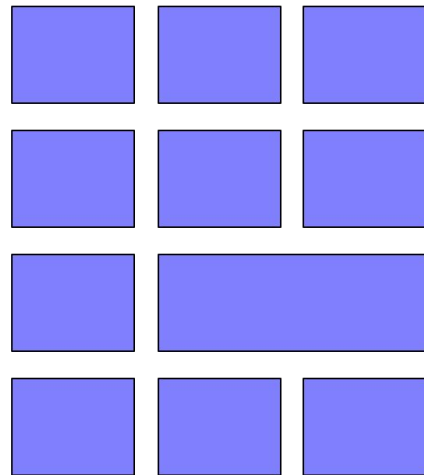
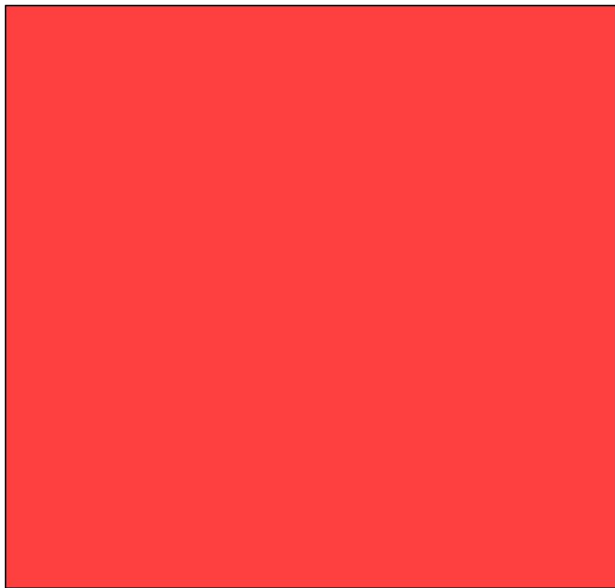
Revert To Source



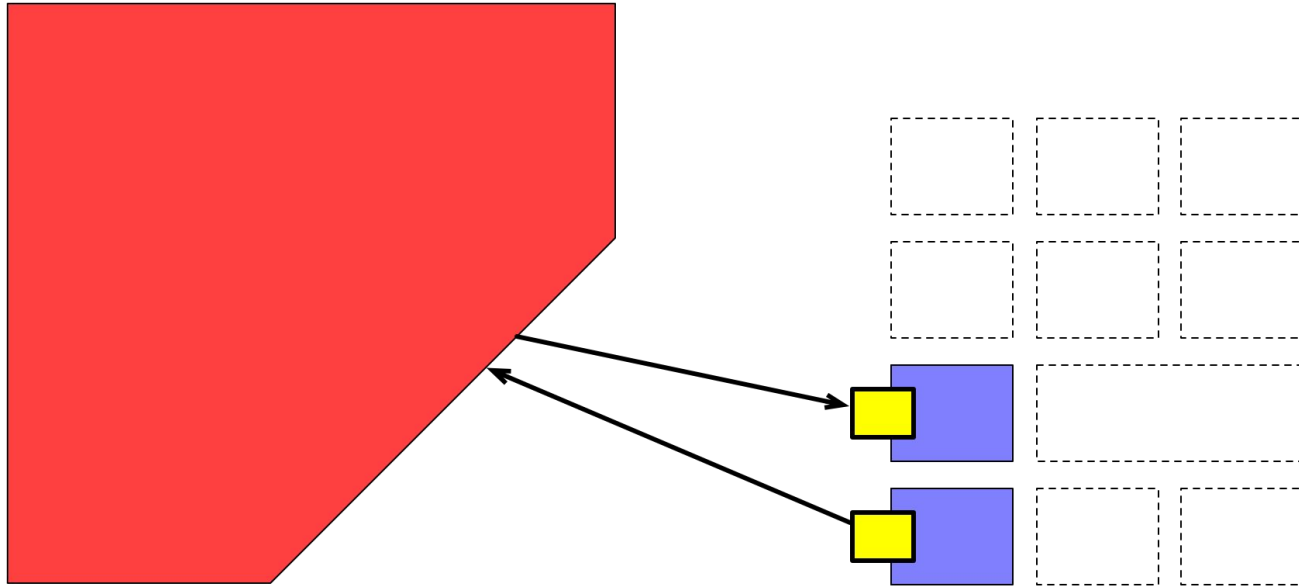
Transitional Architecture



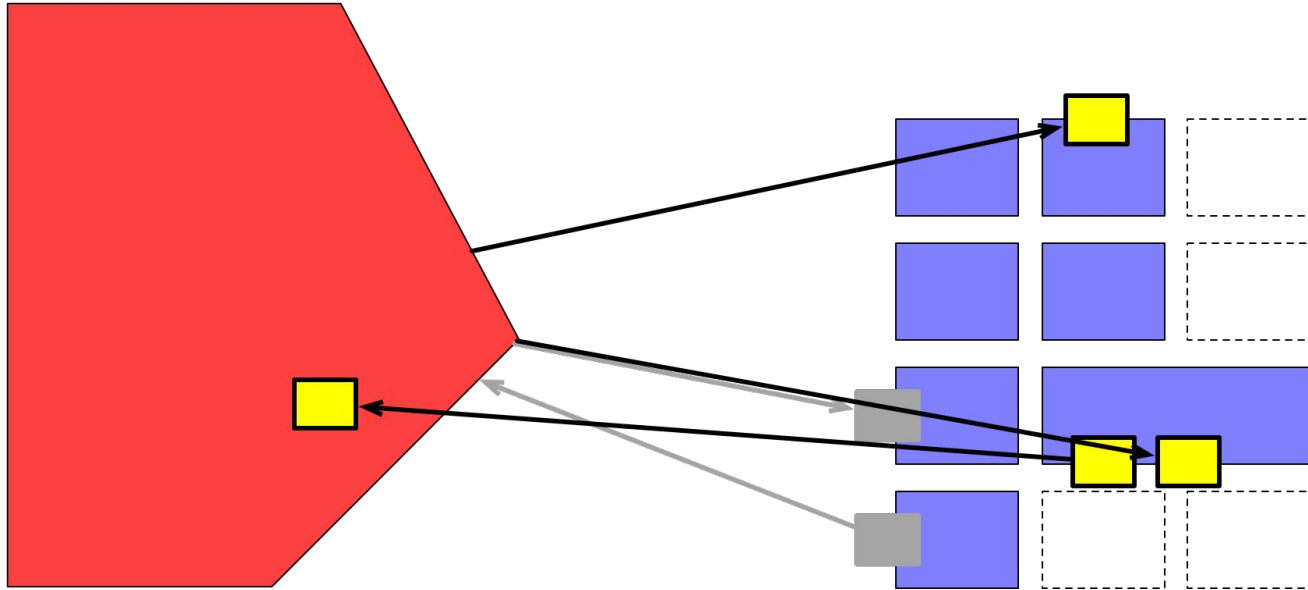
Transitional Architecture



Transitional Architecture



Transitional Architecture

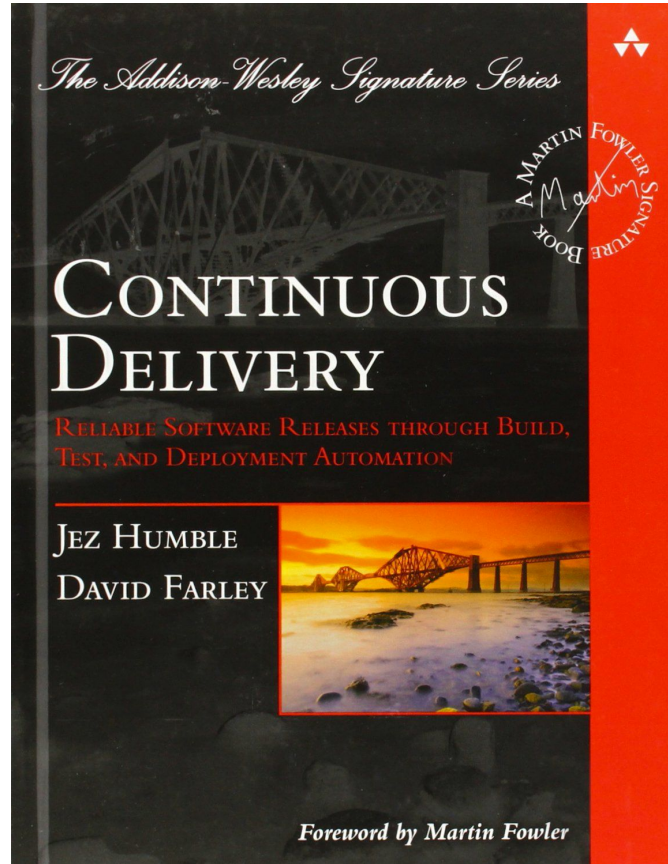


Part Four - Organisational Transformation



Credit: [wikipedia](#)
[commons](#)

Build as you mean to carry on



Tech is only half the problem



Credit: [wikipedia](#)
[commons](#)

Questions Welcome

<https://martinfowler.com/articles/patterns-legacy-displacement/>

Ian Cartwright icartwright@thoughtworks.com

Rob Horn rhorn@thoughtworks.com

goto;

Don't forget to
rate this session
in the **GOTO Guide app**