CONTAINERS WILL NOT FIX YOUR BROKEN CULTURE

(AND OTHER HARD TRUTHS)
not actually

20 units of devops
CONTAINING DRAMAS

(DOCKER IN PROD SINCE Oct 2013)
The Wall of Confusion
THE WALL OF CONFUSION

Development  Wall of Confusion  Operations

yolo

Development  Wall of Confusion  Operations

nope
silos are for grain
SAVE LIVES
SAVE FOOD—SAVE PROPERTY
PREVENT DUST EXPLOSIONS

Six Recent Dust Explosions and Fires in Mills and Elevators
Killed 39 Persons and Injured 60. They Destroyed 2,500,000
Bushels of Grain, and Property Worth $8,000,000
We replaced our monolith with micro services so that every outage could be more like a murder mystery.
still computers
“Any organization that designs a system... will produce a design whose structure is a copy of the organization's communication structure.”

Mel Conway
NAVIGATING CHOICES

@BRIDGETKROMHOUT
"The past is never dead. It's not even past."

William Faulkner
Andrew Clay Shafer

Agile Infrastructure: A Story in Three Acts

DEVELOPERS

WALL OF CONFUSION

OPERATIONS

Velocity 2009
“In the last week there were 67 deploys of 496 changes by 18 people.”
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Flickr Dev Blog, December 17th 2008

Quoted in “10+ Deploys Per Day: Dev and Ops Cooperation at Flickr” at Velocity 2009

John Allspaw & Paul Hammond

@bridgetkromhout
LEARNING THROUGH OSMOSIS
(SITTING IN A WARM PLACE)

@BRIDGETKROMHOUT
CONTAINERS, MICROSERVICES, SCHEDULING & ORCHESTRATION...

NECESSARY BUT NOT SUFFICIENT