

DevOps from the Ground Up

@patkua

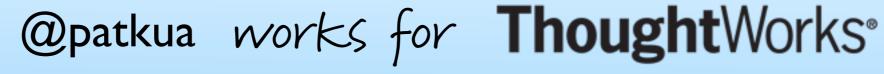
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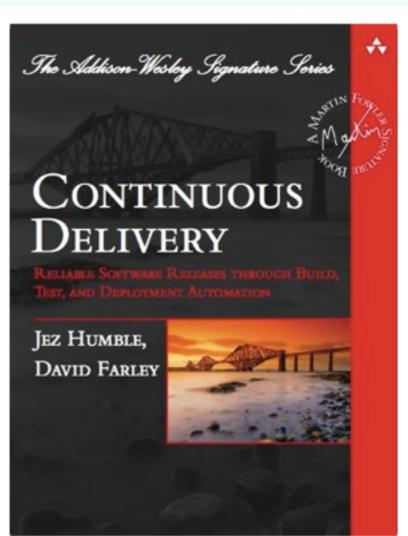


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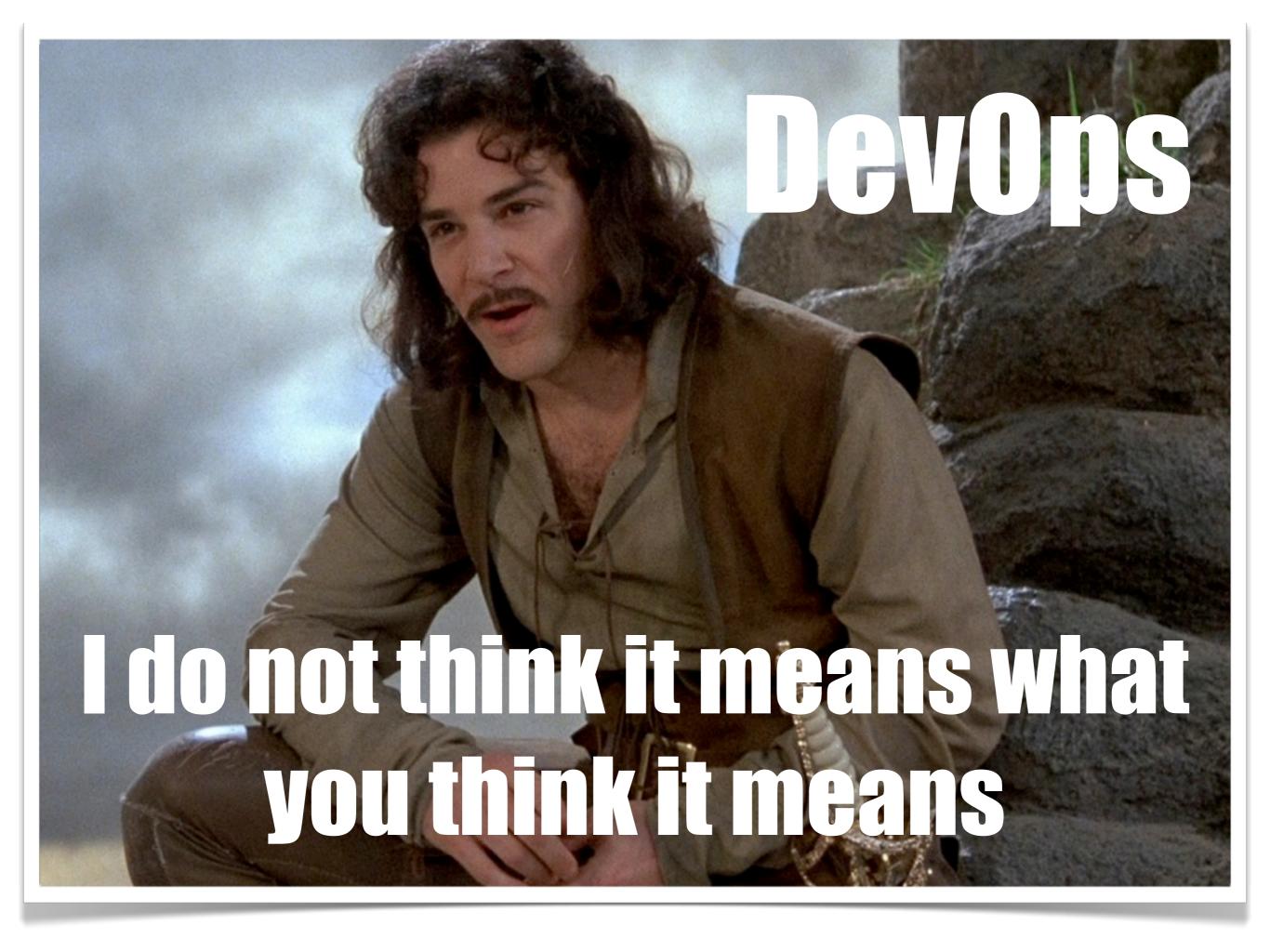


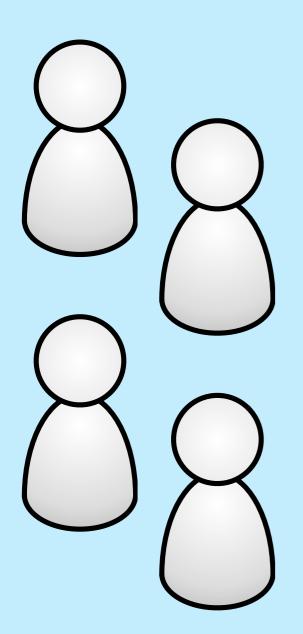


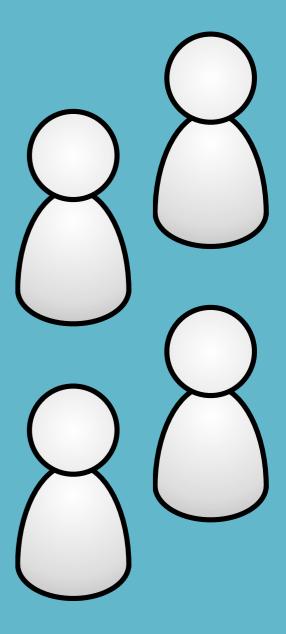


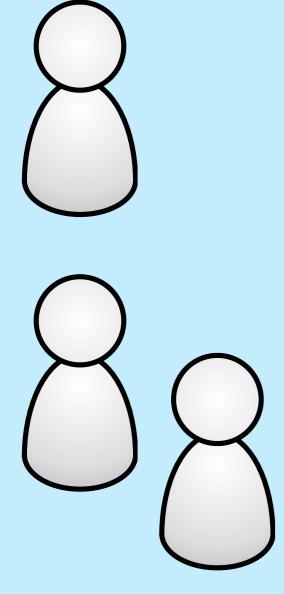


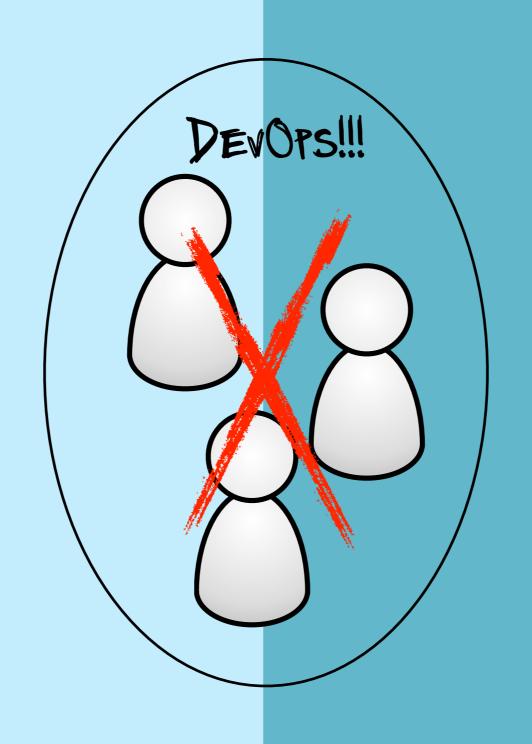
What is Devois

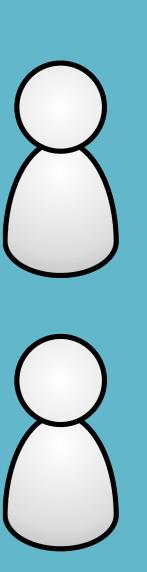


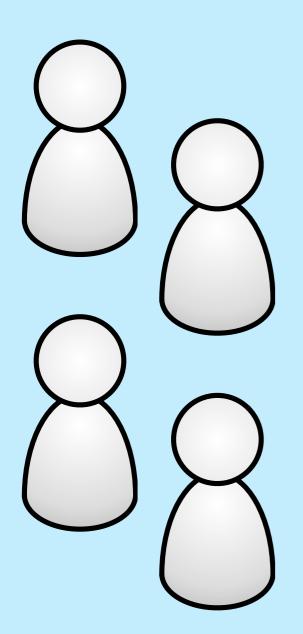


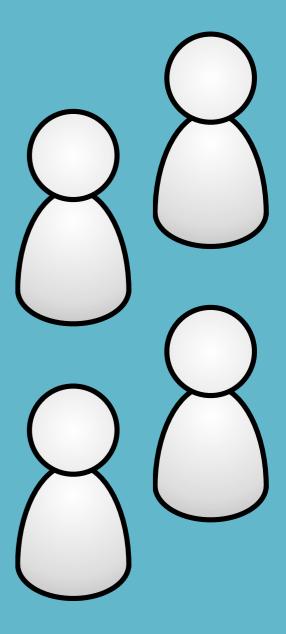






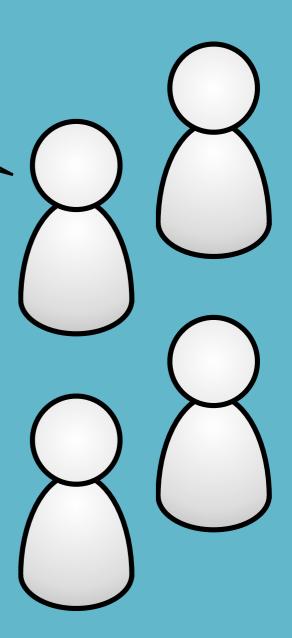






Ops

"We know what DevOps is"

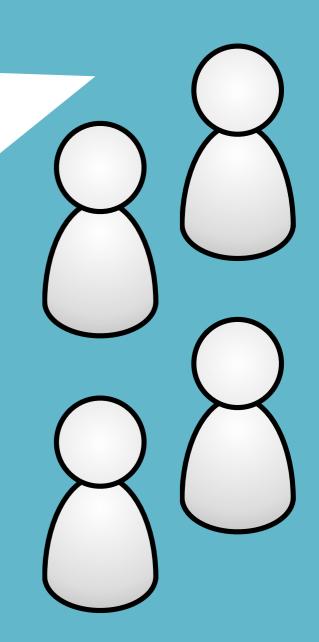


Ops

"A system to replace all systems"

> "Push button environments"

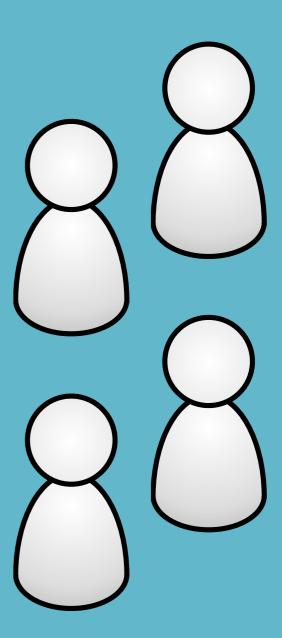
"We know what developers want"



Ops

9+ months

6+ person team



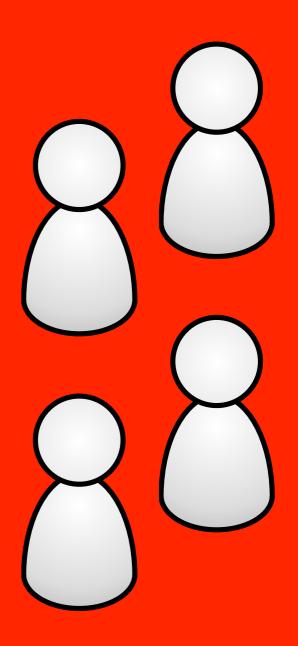


9+ months

6+ person team

Machines on demand

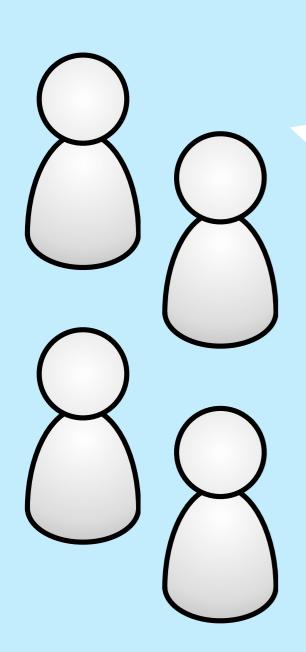
but not in a state for development teams





Ops

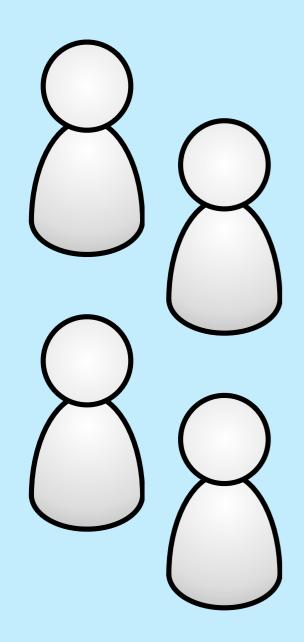
"We know what DevOps is"



"We'll use puppet"

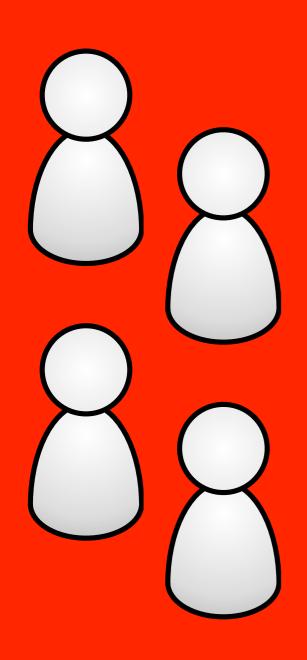
"Deployment scripts in ruby"

"We know what operations want"



2+ months

automated deploy into test

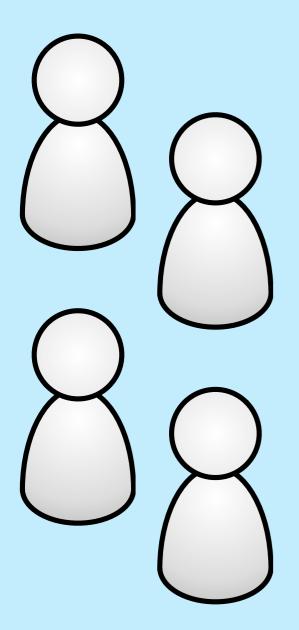


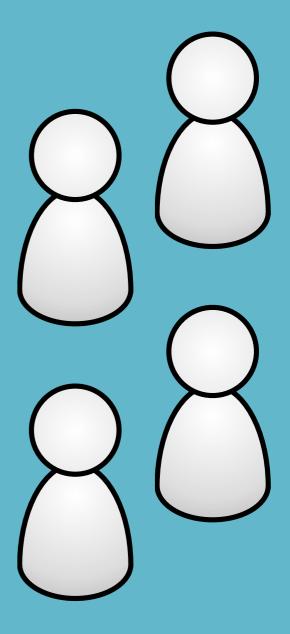
2+ months

automated deploy into test

production on windows

operations want a UI





Dev Ops

A culture and mindset for collaborating between developers and operations

Dev Ops

- Tools
- Automation
- Access rights
- **Teams**

Dev Ops











Communication



Understanding



Integration

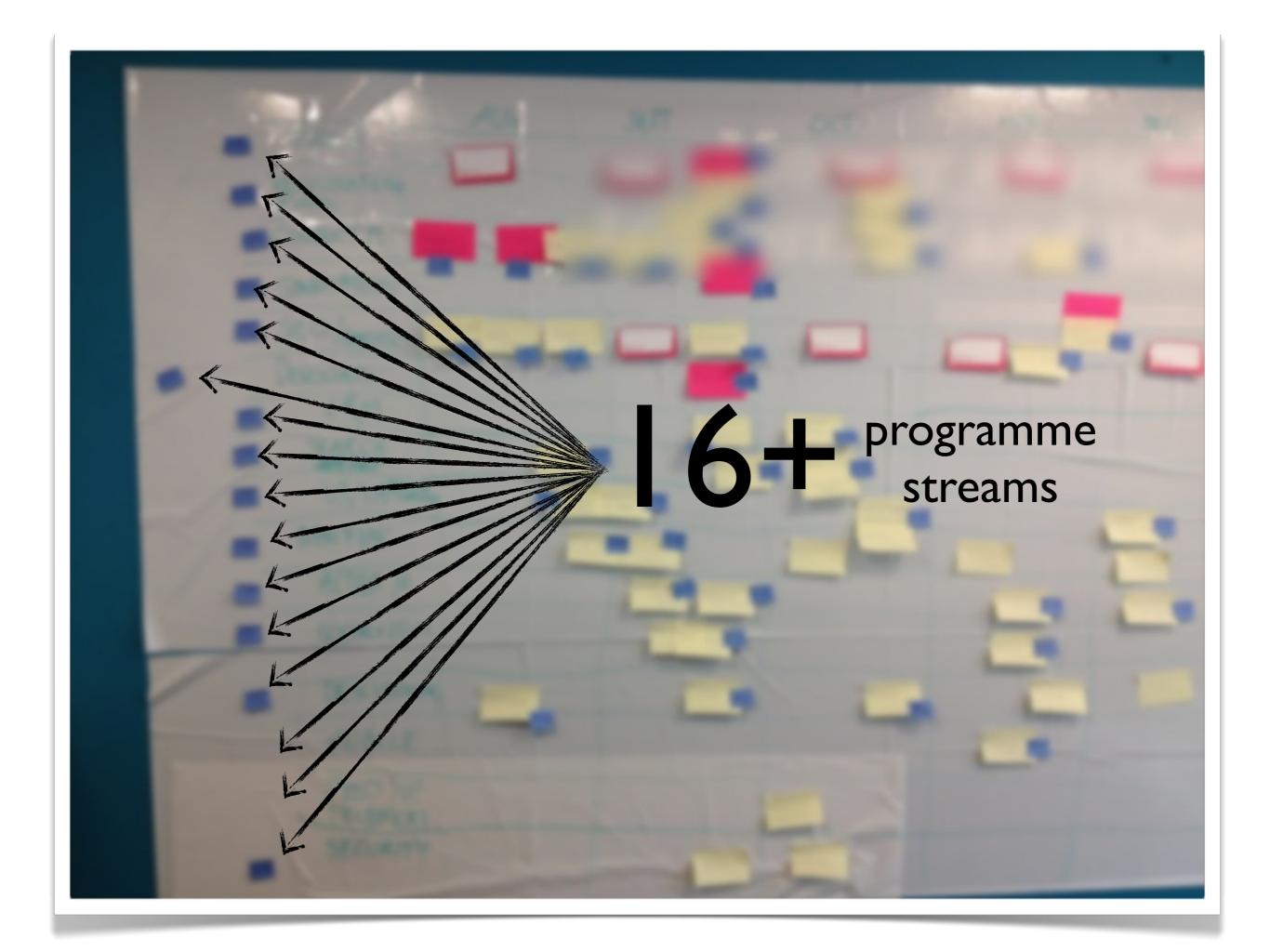


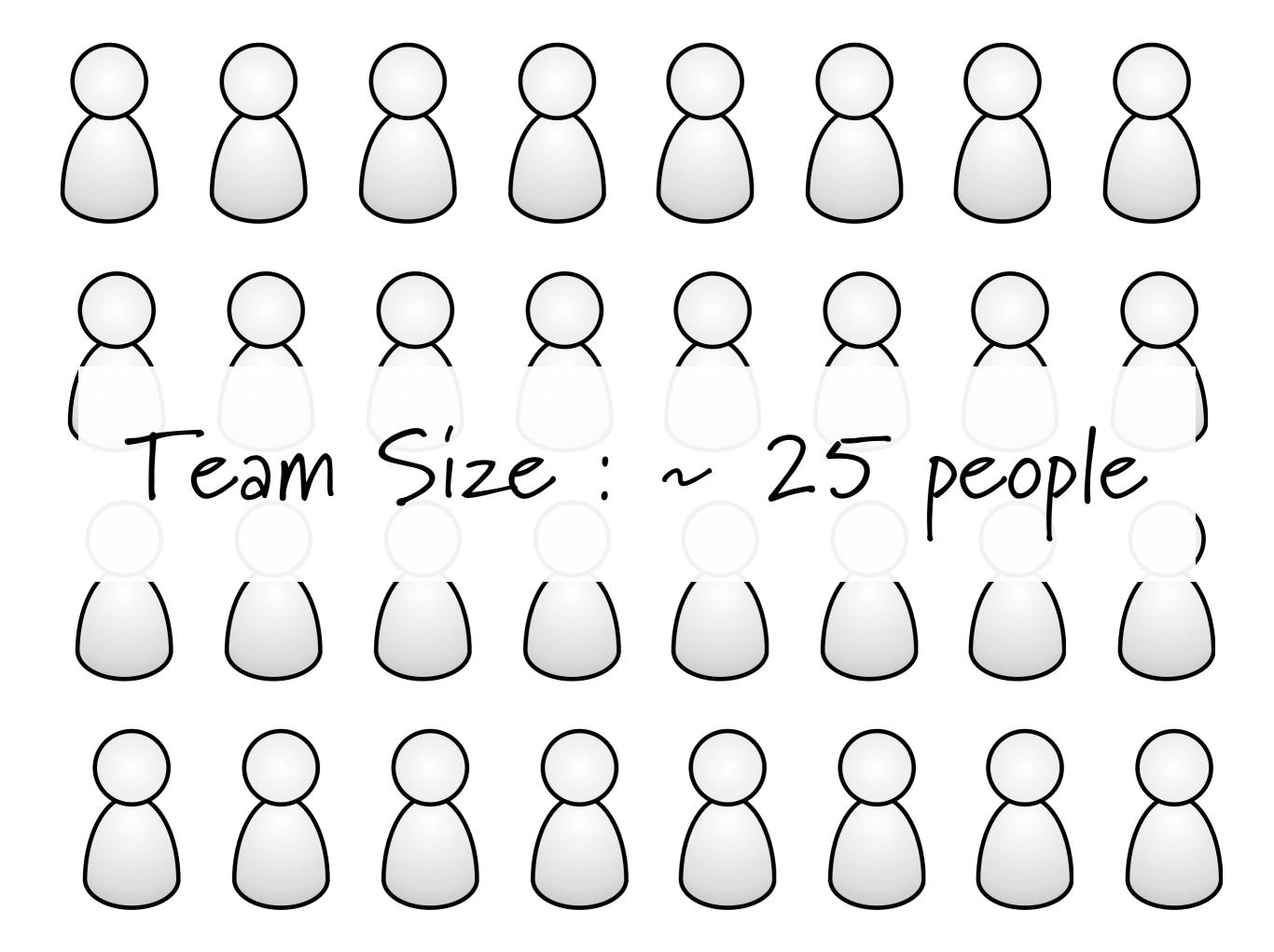
Relationships

Background

14+ months MONDAY TUESDAY WEDNESDAY THURSDAY UNDAY

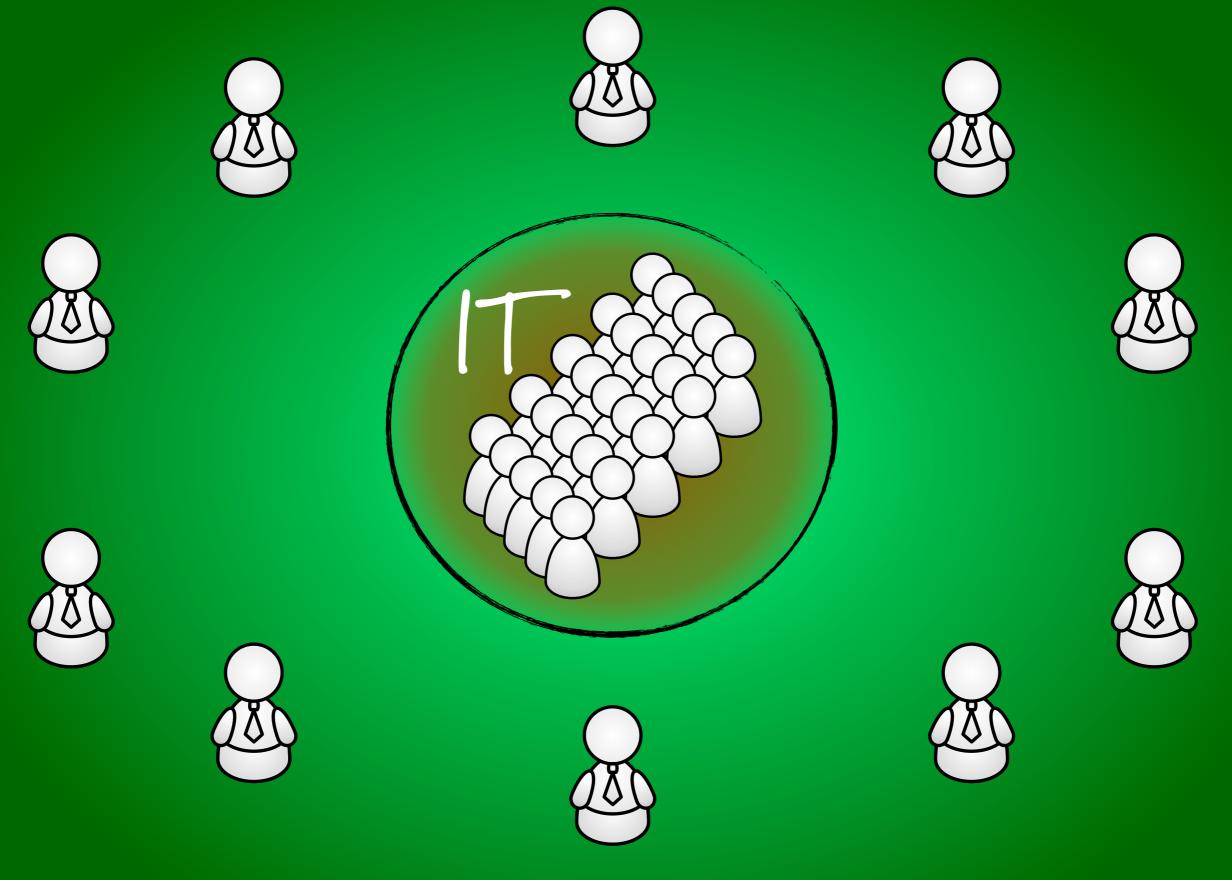
BI CMS Website Platform New CRM Call centre Recommendations





"Can we have 20 developers start on day one?"





Field of Project Managers



Practices

Principles

"Develop systems, not software"







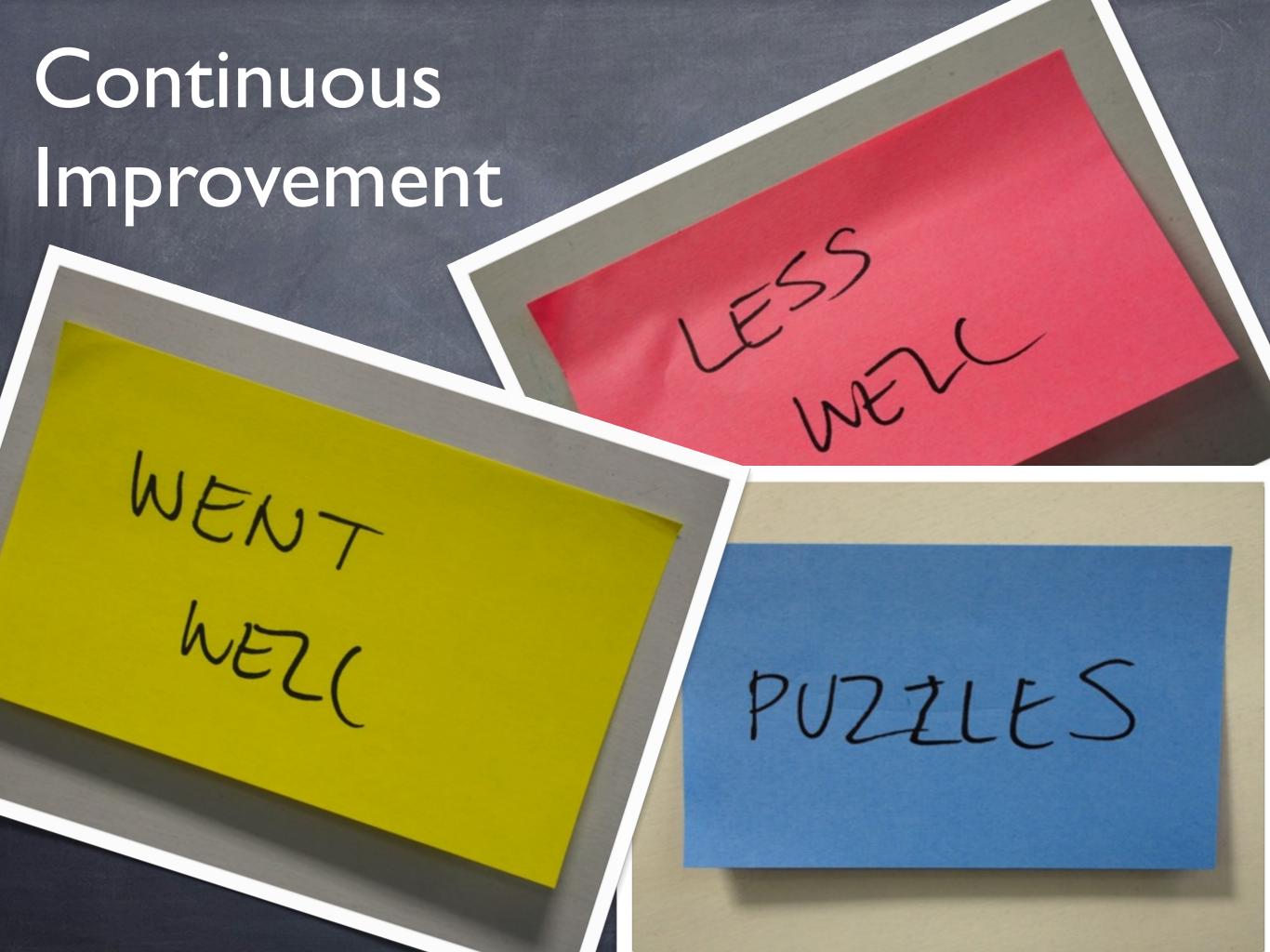
Why

1st

What

2nd



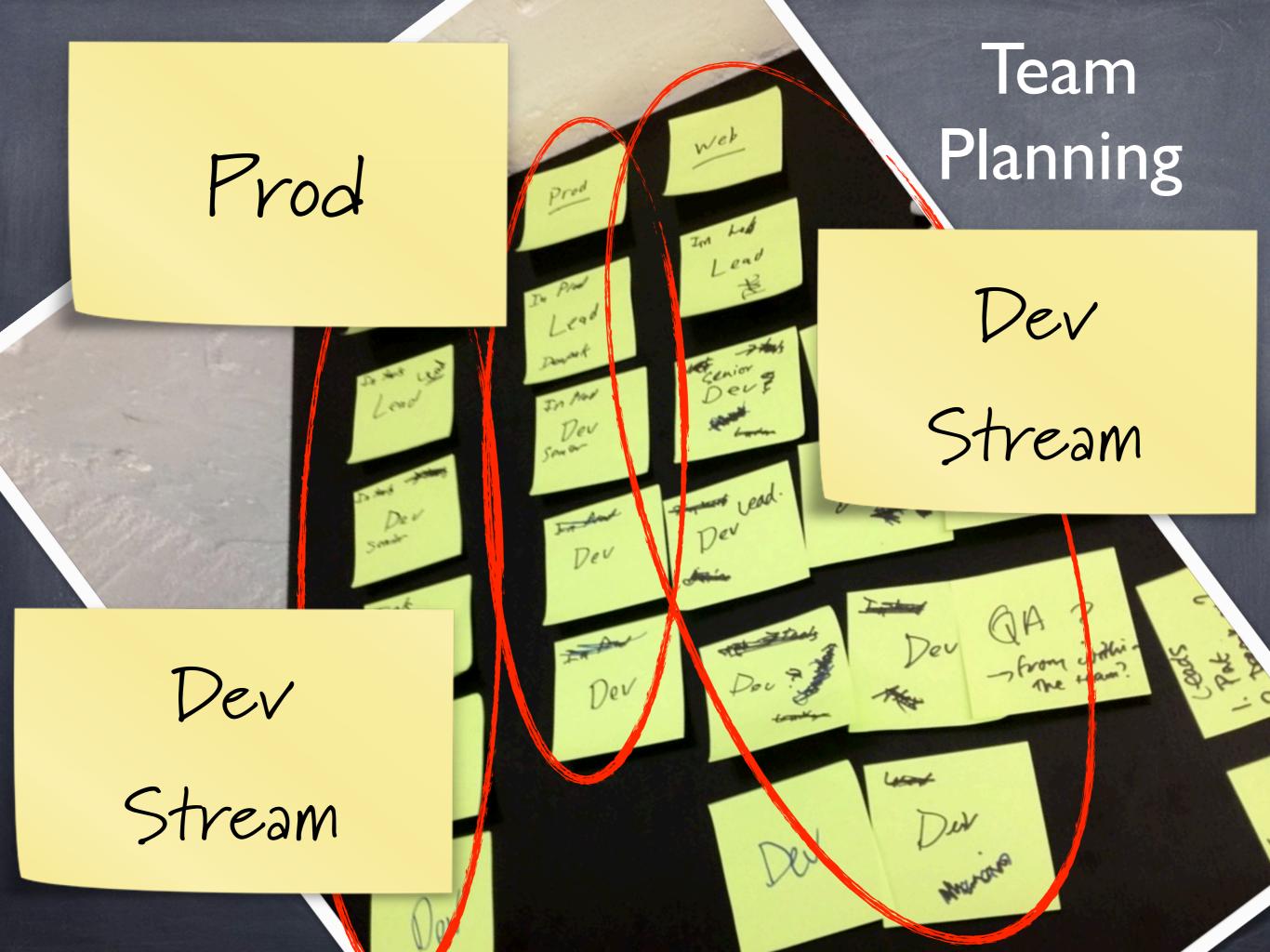




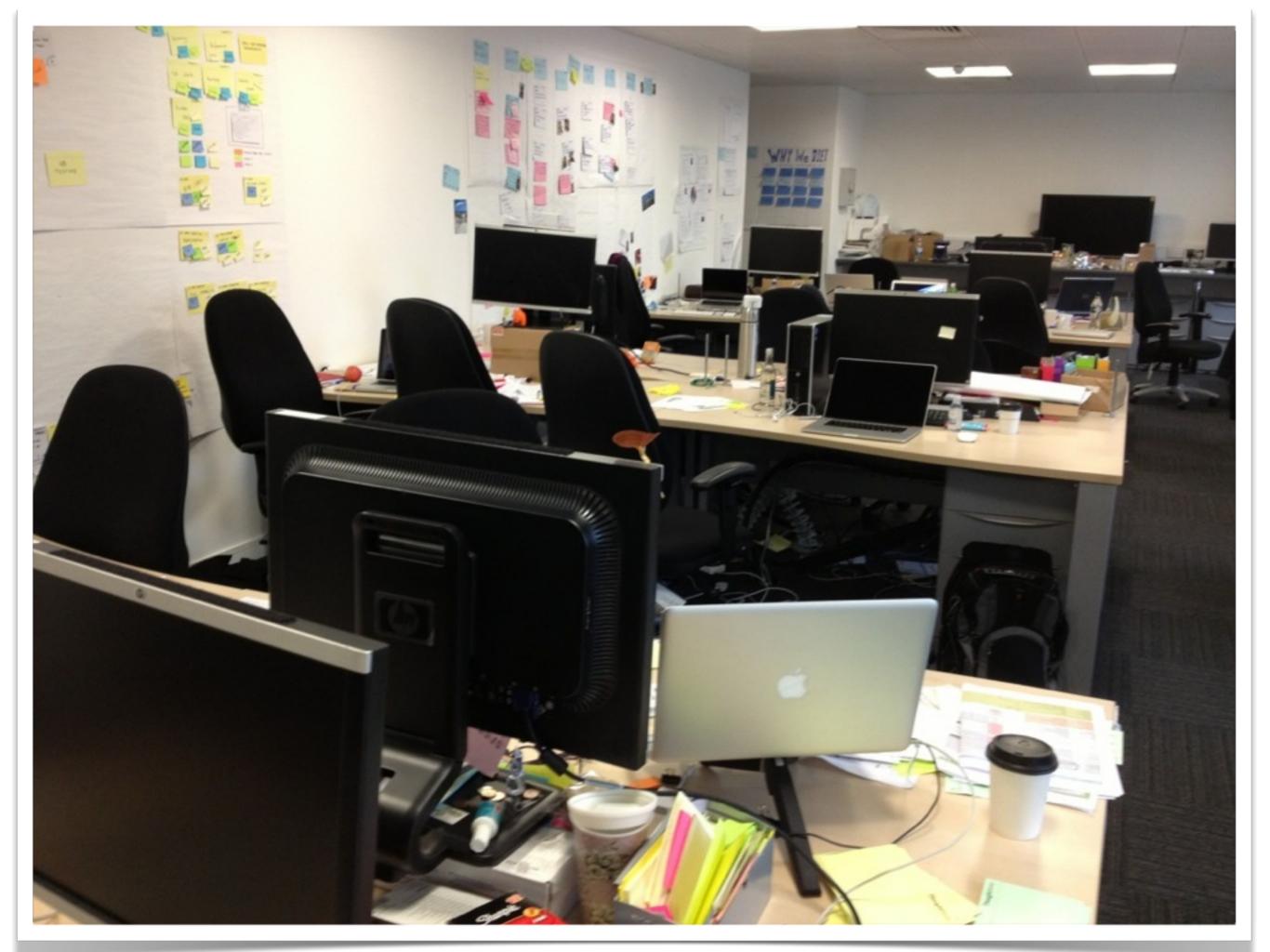


What we set out to do

What we did



Our practice: Sequential standups

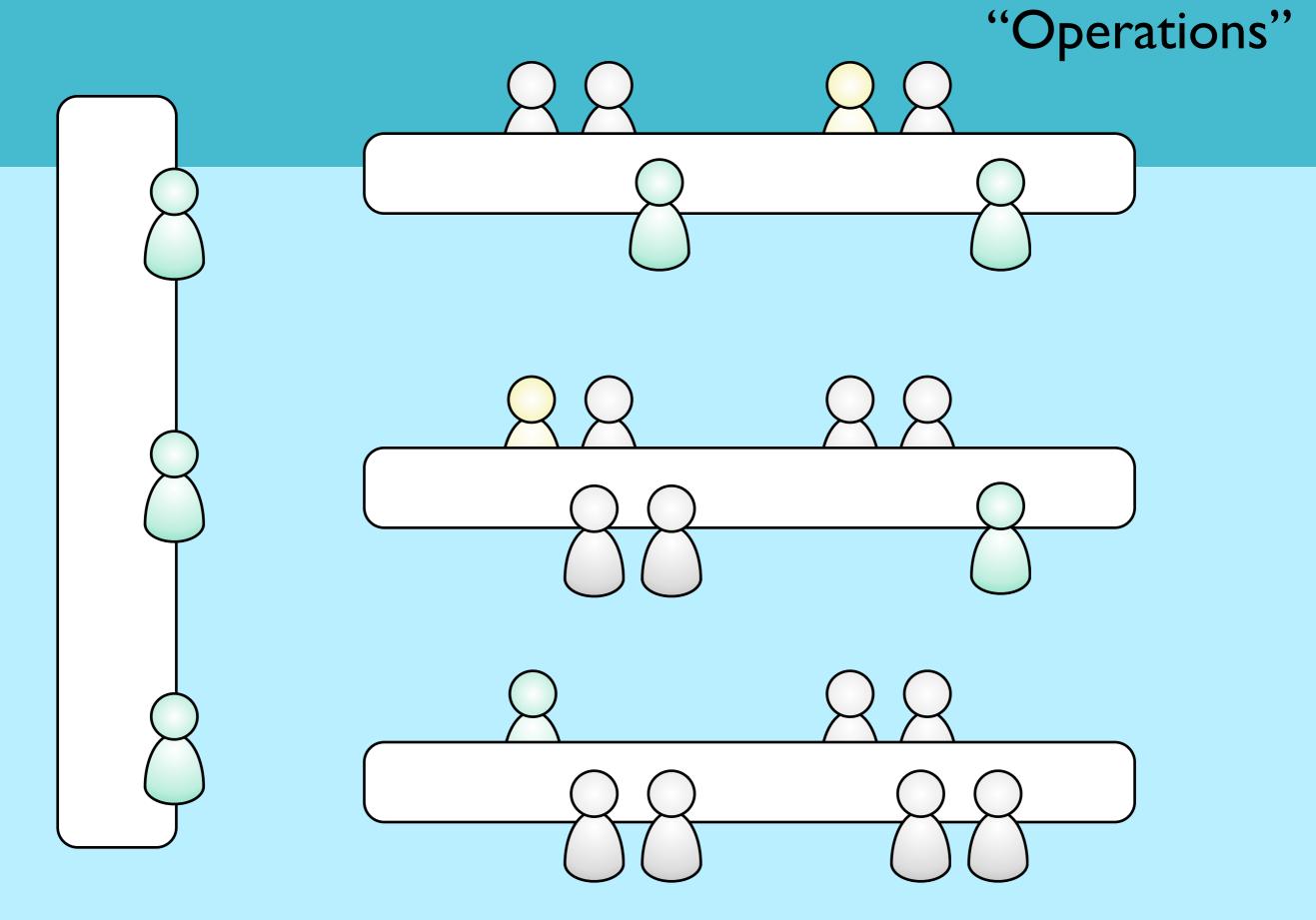


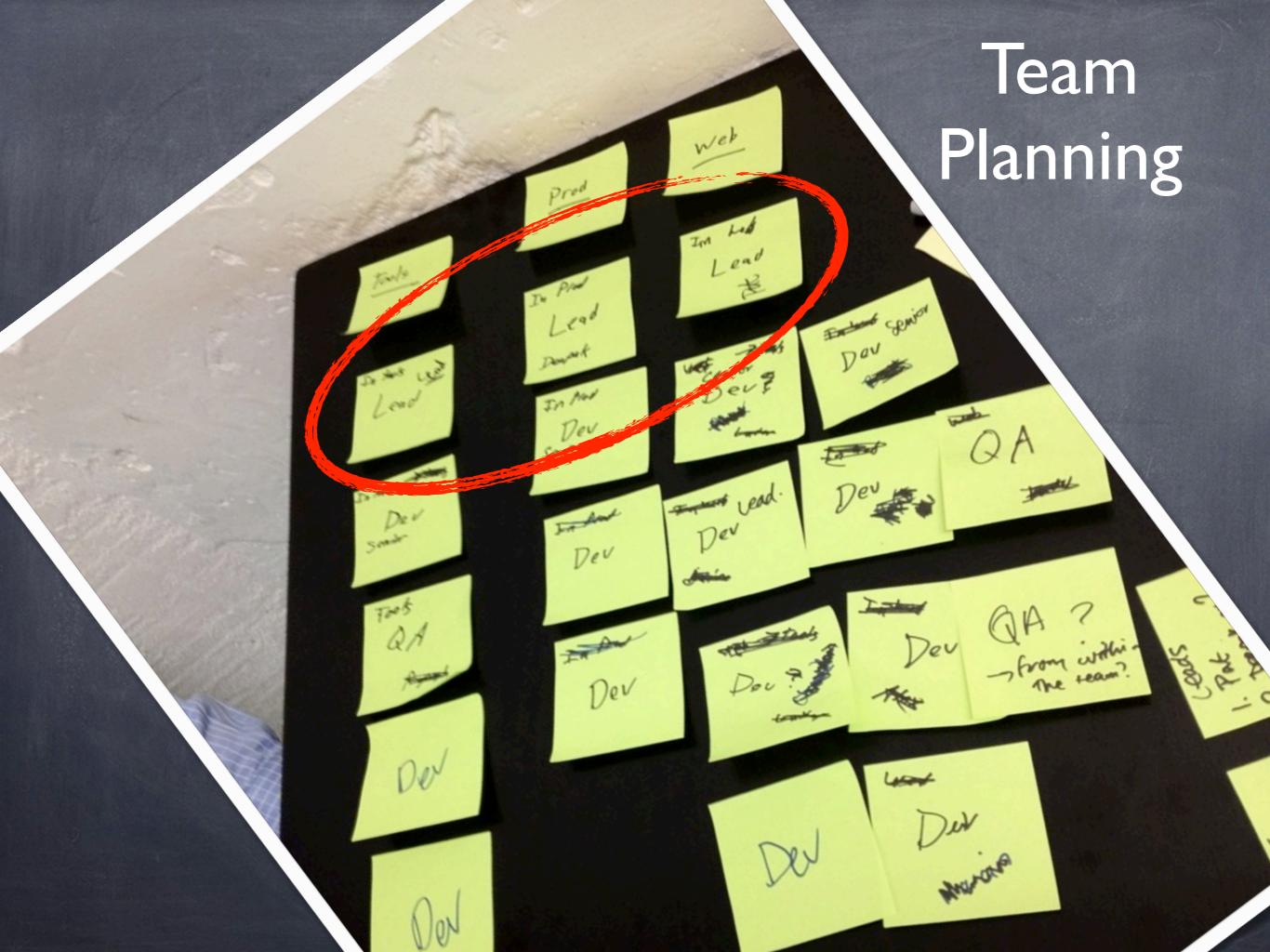
"Operations"



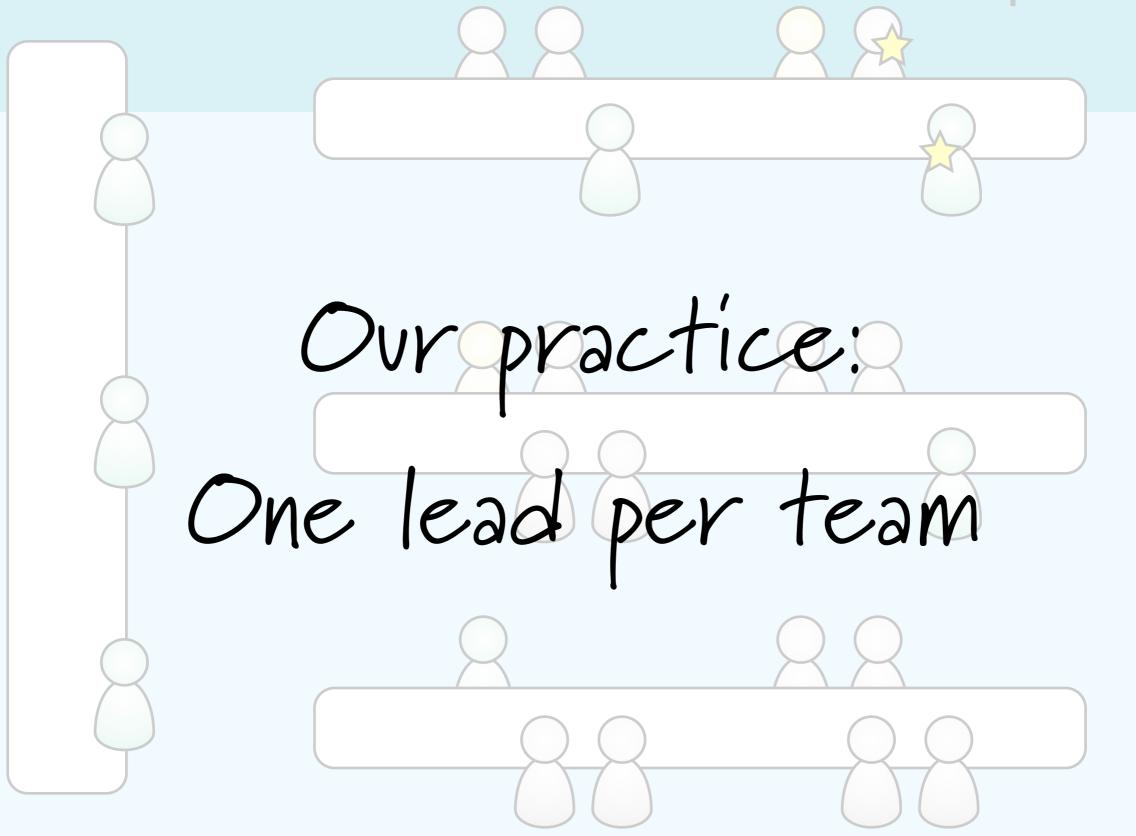
"Operations"

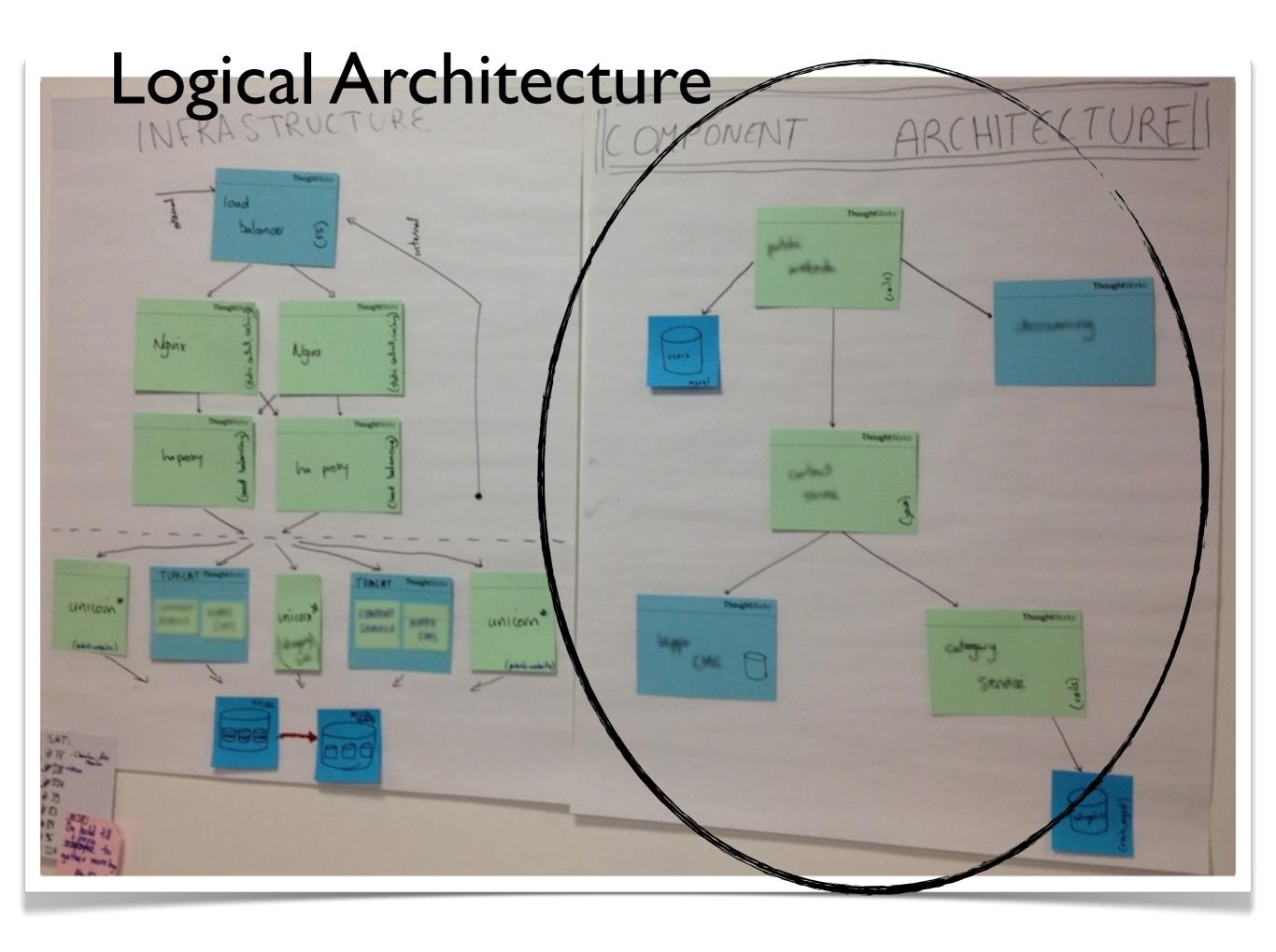




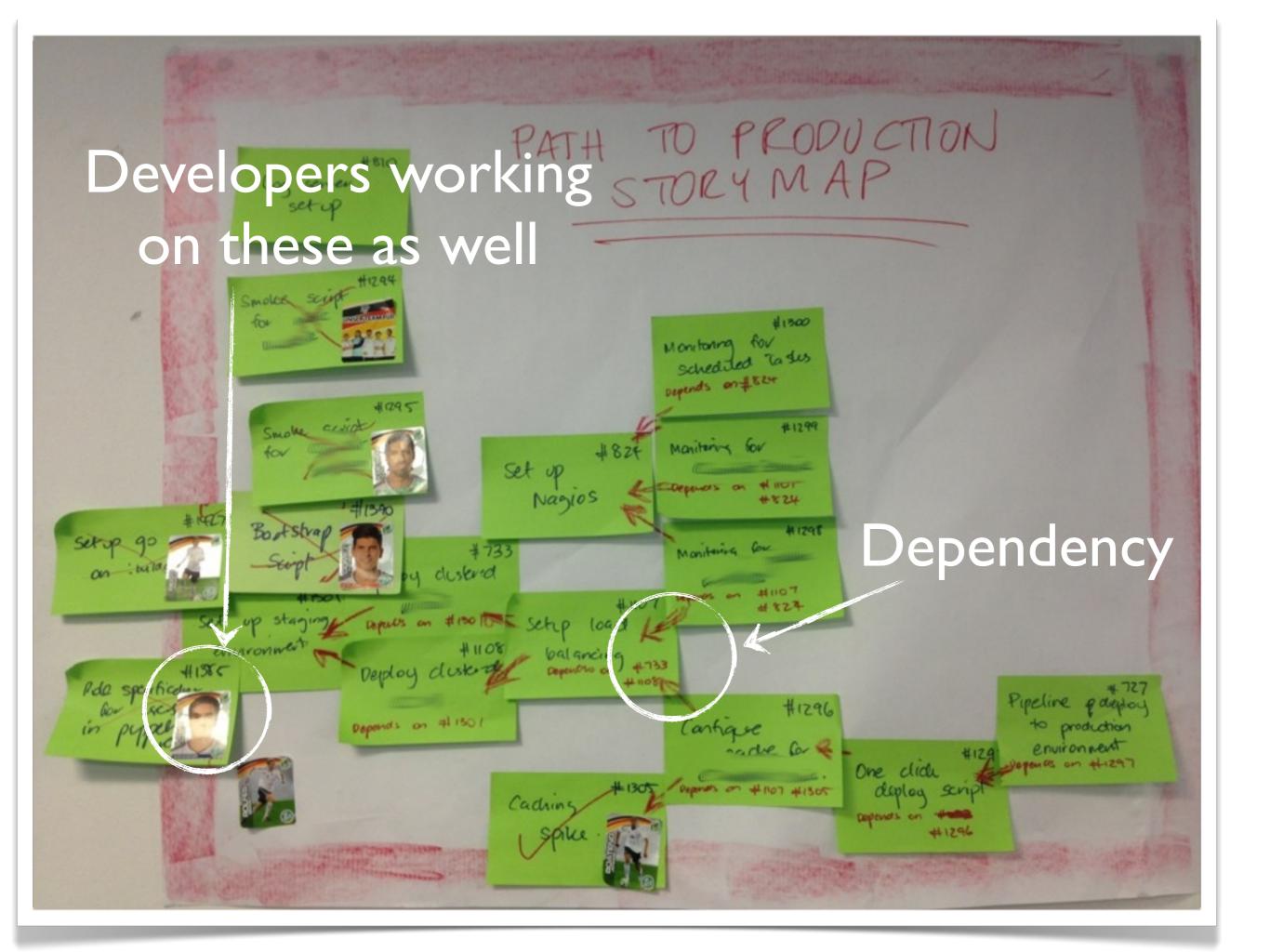


"Operations"





Physical Architecture Our practice: Everyone knows what production looks like



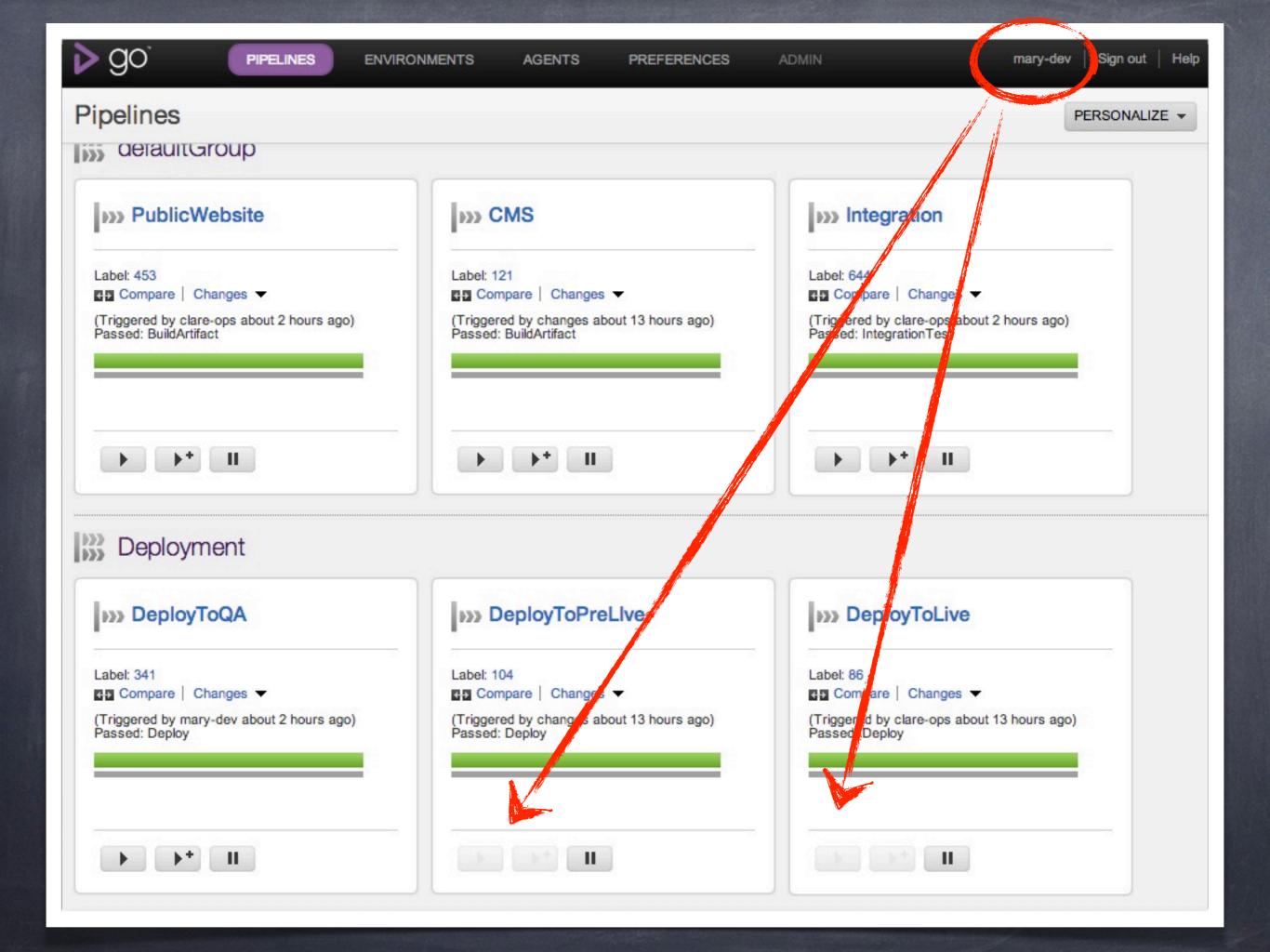
RELEASED

READY FOR RELEASE

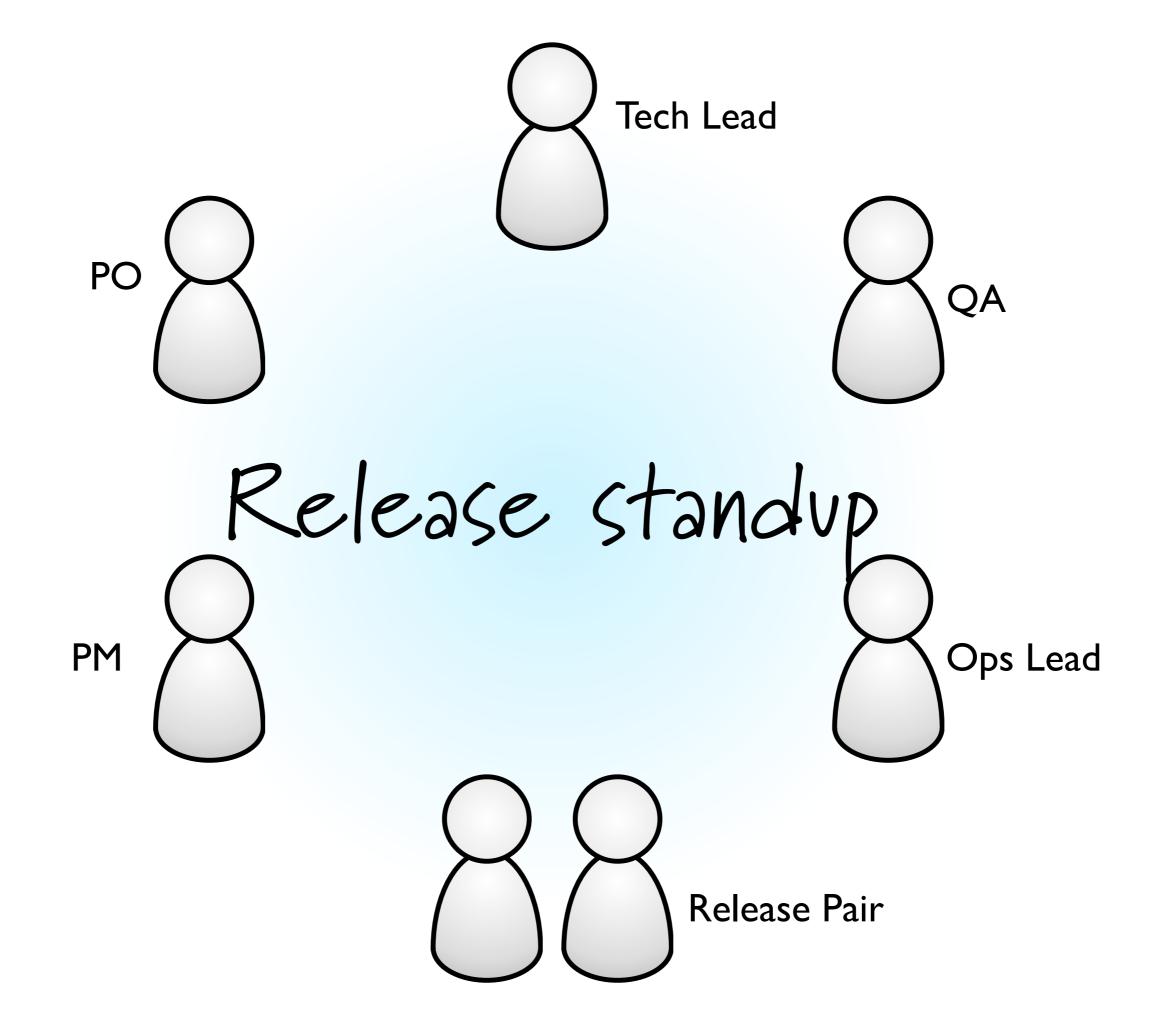
IN

Our practice:
Visibility of *all*
activities

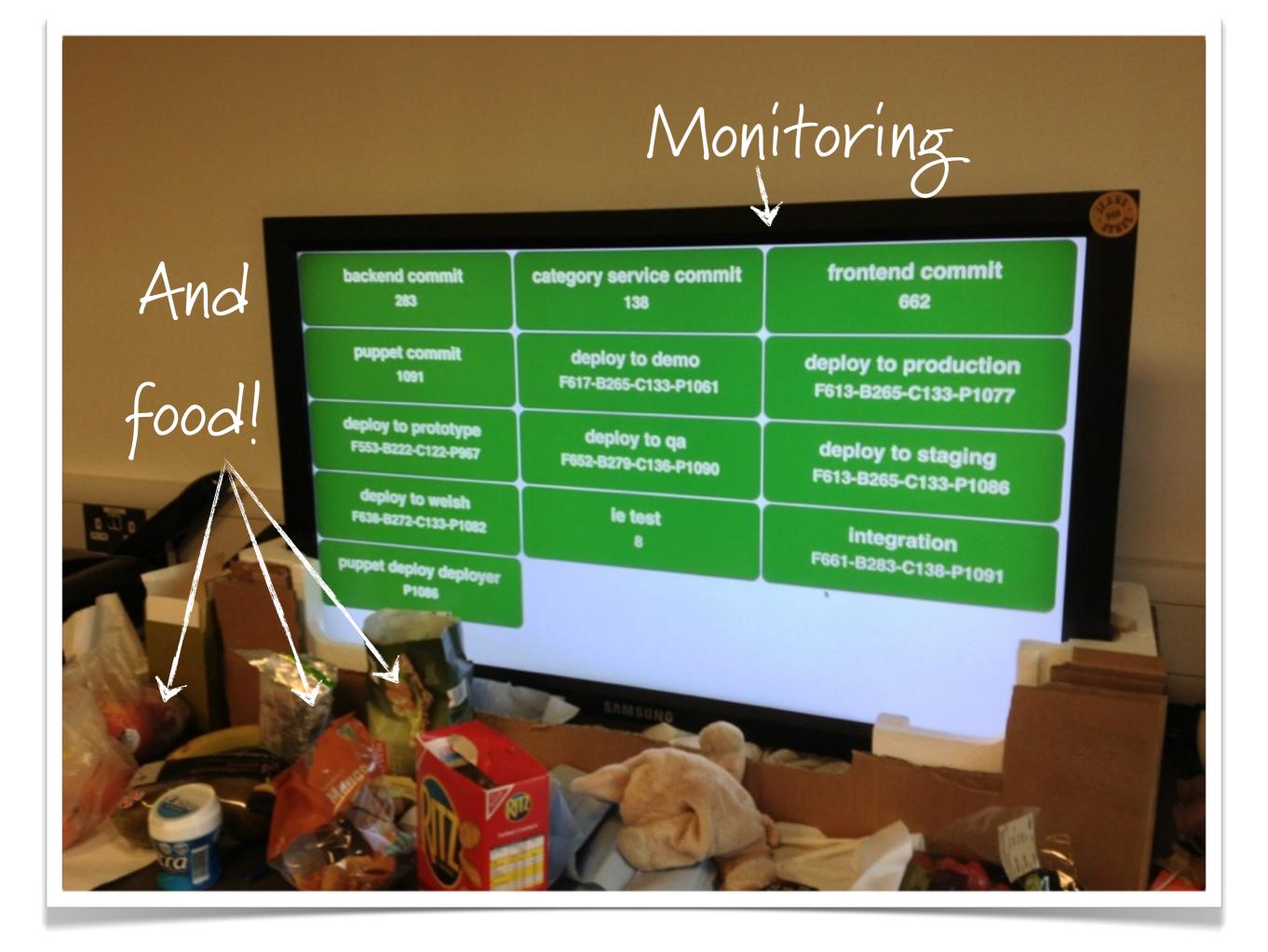




Production-like environment with VAGRANT



Add upgrade checklist to Acceptance criteria tives

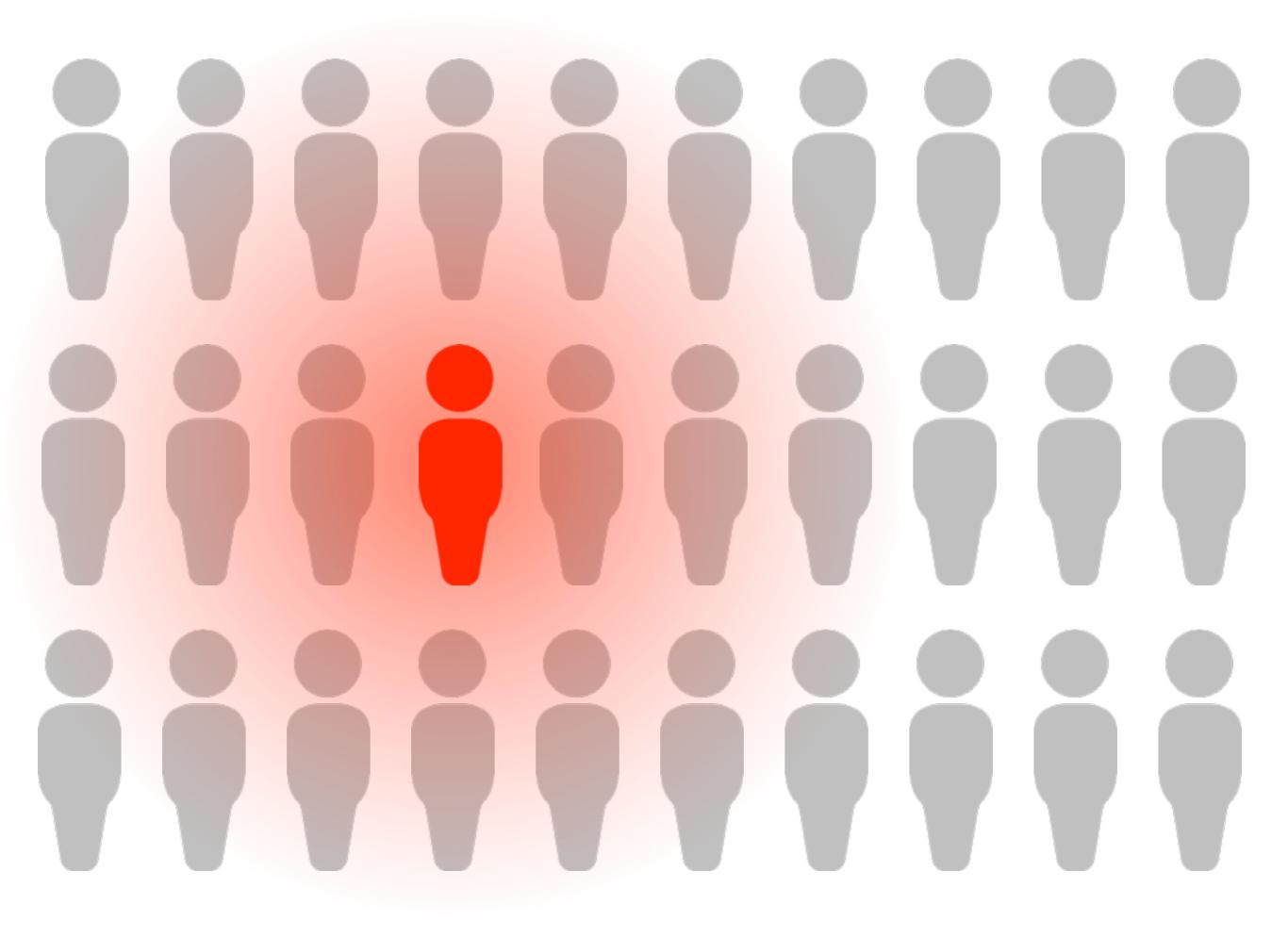


What we set out to do

What we did

What we learned





Invest in Knowledge Sharing

Pair programming

Design walkthroughs

Mob code reviews

Training each other

Tech Huddles

impacts Development Operations impacts



PRRA Dev

Finding Balance



Not all happy





Dev Ops

culture

Dev Ops

A <u>culture</u> and mindset for collaborating between developers and operations

Questions?

@patkua

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- Sad lego person http://www.flickr.com/photos/kalexanderson/5421517469/sizes/o/
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