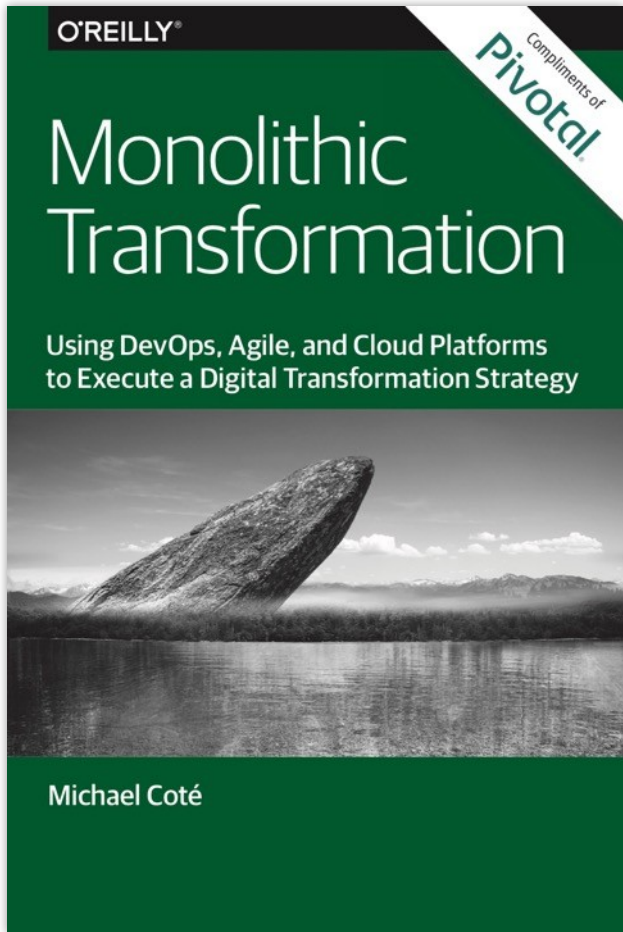


Pivotal

Better Software is Better than Worse Software

SpringOne Tour, 2019
@cote

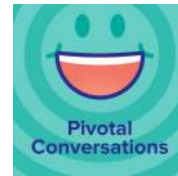
cote.io/bettersoftware



<http://cote.coffee/bettersoftware/>

@cote

Pivotal™



The Register®

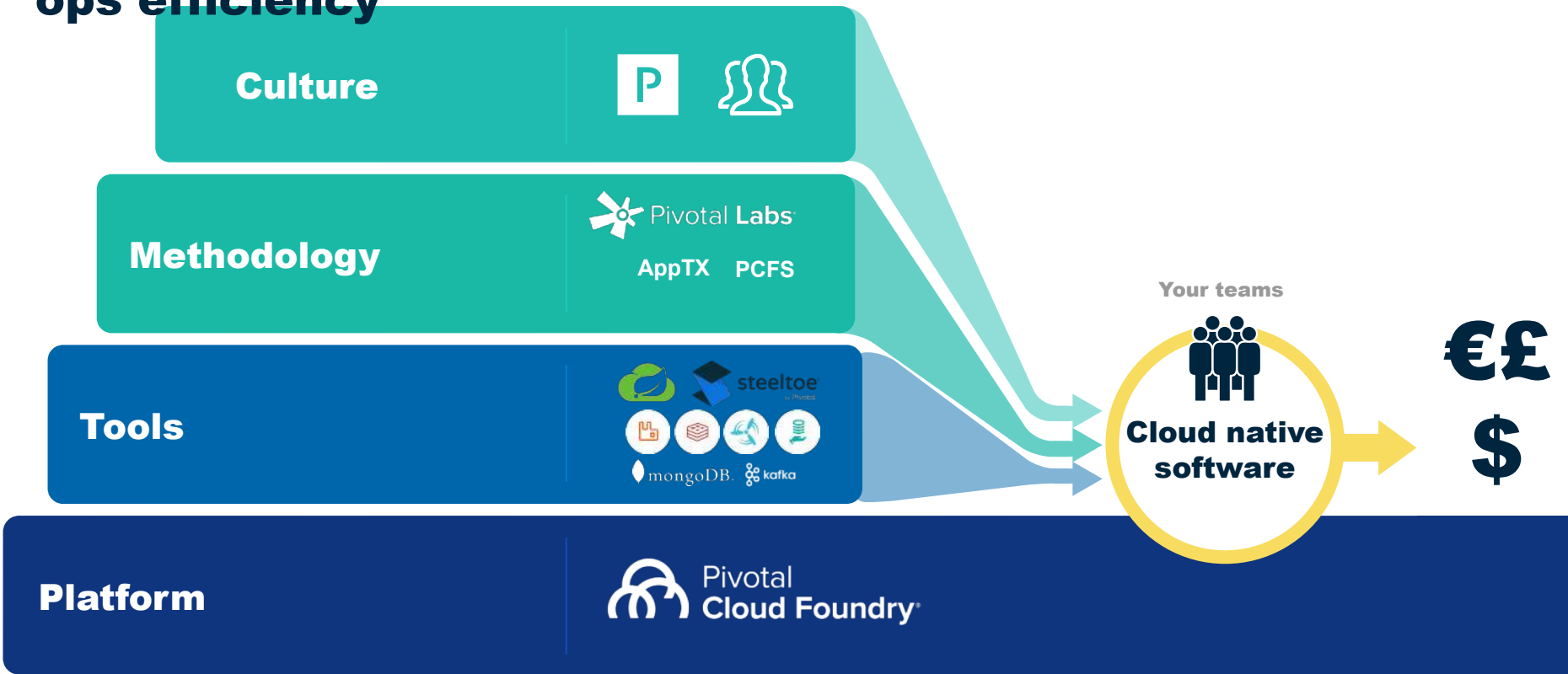
RedMonk

451 Research®



bmcsoftware

Becoming product-centric by increasing dev productivity & ops efficiency



Pivotal



Enterprises are transforming with Pivotal

AUTO & TRANSPORTATION



INDUSTRIAL & BUSINESS SVCS.



FINANCIAL SERVICES



HEALTHCARE & INSURANCE



TECHNOLOGY & MEDIA



CONSUMER & COMMUNICATIONS



“Our developers are now totally focused on our customers and the user experience.”

Xavier Perret, Orange France



A new business app in 1/3 less time, used by 50% of customers



HA HA!



BUSINESS

“How often does your team or teams release applications?”

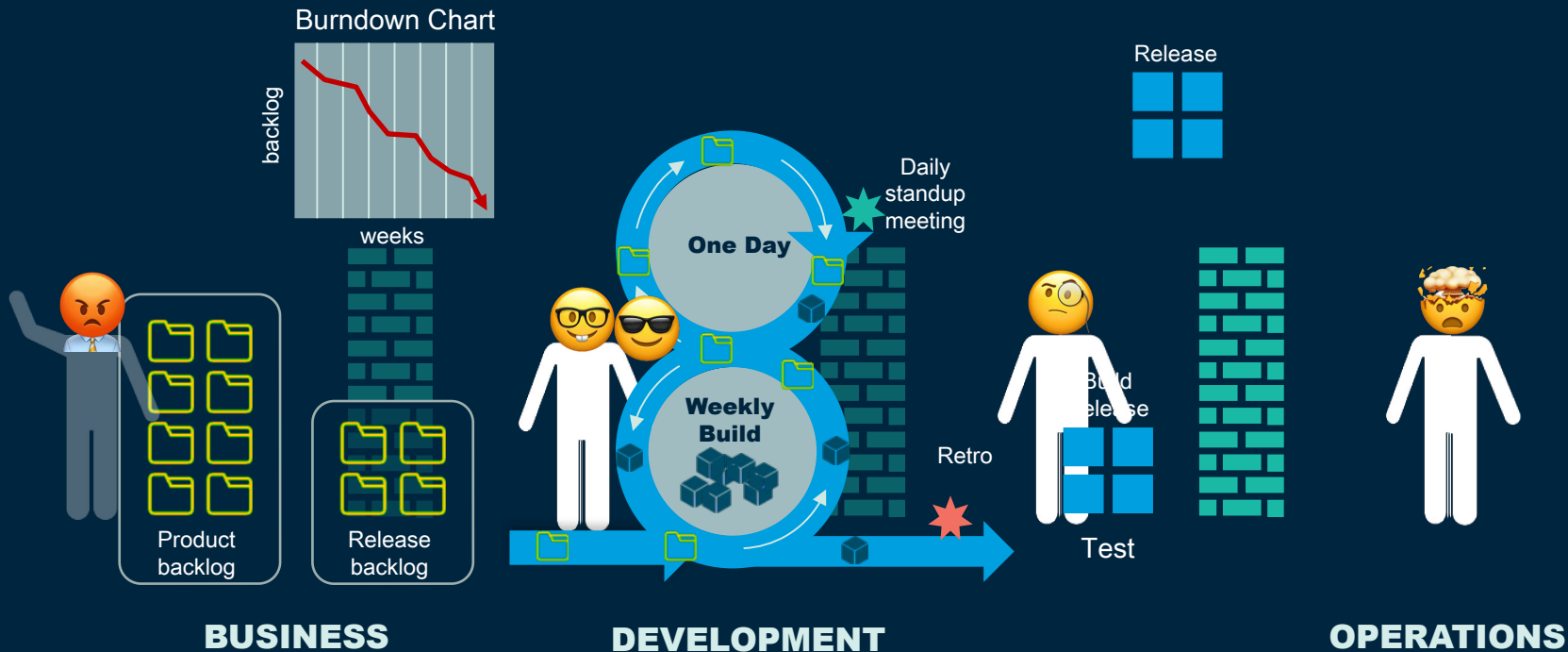


Base (2018): 3,228 Developers

Base: 546-719 Developers who work for a software company, for internal IT, or in technology services

Source: Forrester Business Technographics Developer Survey, 2014-2018.

DevOps creates developer autonomy



App Definition and Development

Database:

Streaming & Messaging:

Application Definition & Image Build:

Continuous Integration & Delivery:

Orchestration & Management

Scheduling & Orchestration:

Coordination & Service Discovery:

Remote Procedure Call:

Service Proxy:

API Gateway:

Service Mesh:

Runtime

Cloud-Native Storage:

Container Runtime:

Cloud-Native Network:

Provisioning

Automation & Configuration:

Container Registry:

Security & Compliance:

Key Management:

Cloud

Public:

This landscape is intended as a map through the previously uncharted terrain of cloud native technologies. There are many routes to deploying a cloud native application, with CNCF Projects representing a particularly well-traveled path.

CLOUD NATIVE OPERATING FOUNDATION

CLOUD NATIVE Landscape

Supports

Spiritual

Platform

Certified Kubernetes Distribution:

Certified Kubernetes - Hosted:

Certified Kubernetes - Installer:

Paas/Container Service:

Observability and Analysis

Monitoring:

Logging:

Tracing:

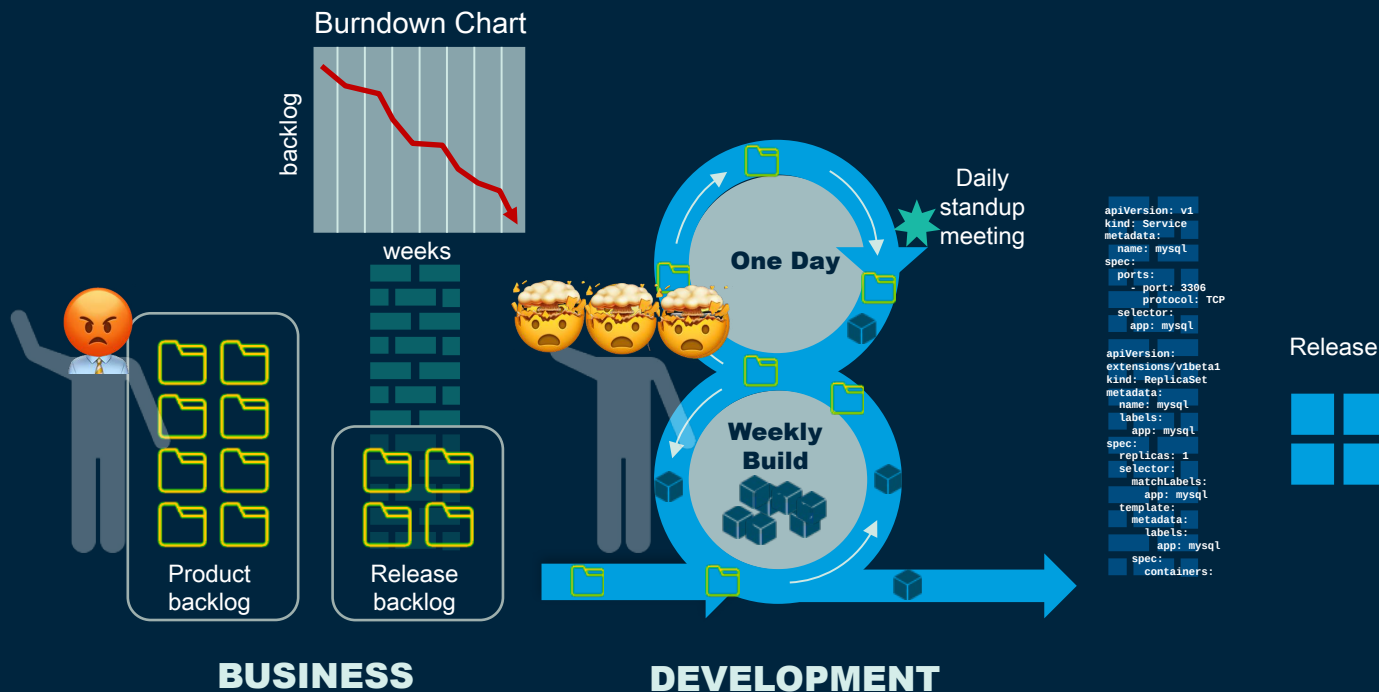
Chaos Engineering:

Serverless

Kubernetes Certified Service Provider

Kubernetes Training Partner

DevOps has pushed developers too far down the stack



“The Business”



Corporate strategy, revenue goals, mission, etc.

Leadership, EAs, etc.

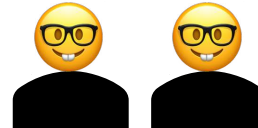


Culture, process, methodology, governance, compensation, etc.

Product teams

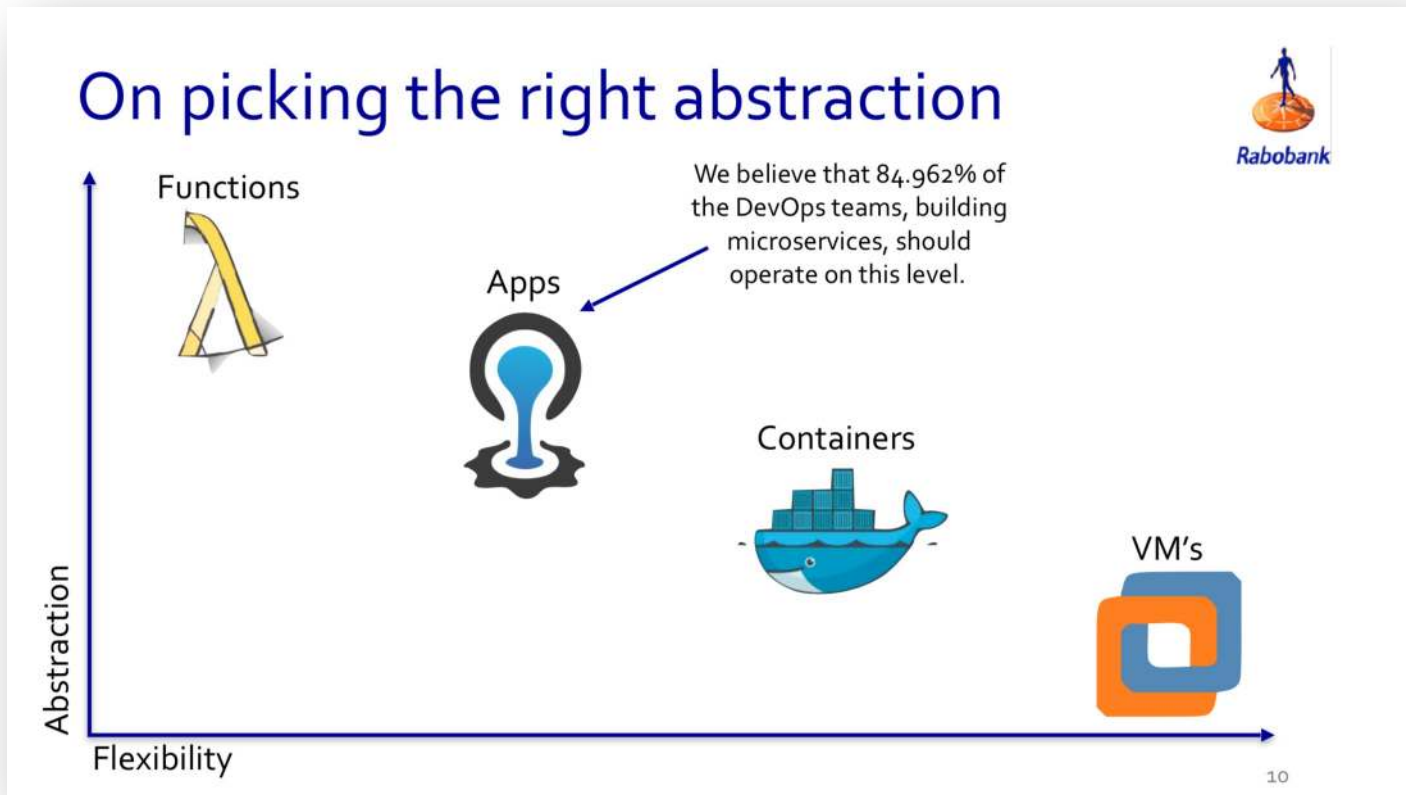


Platform Engineers

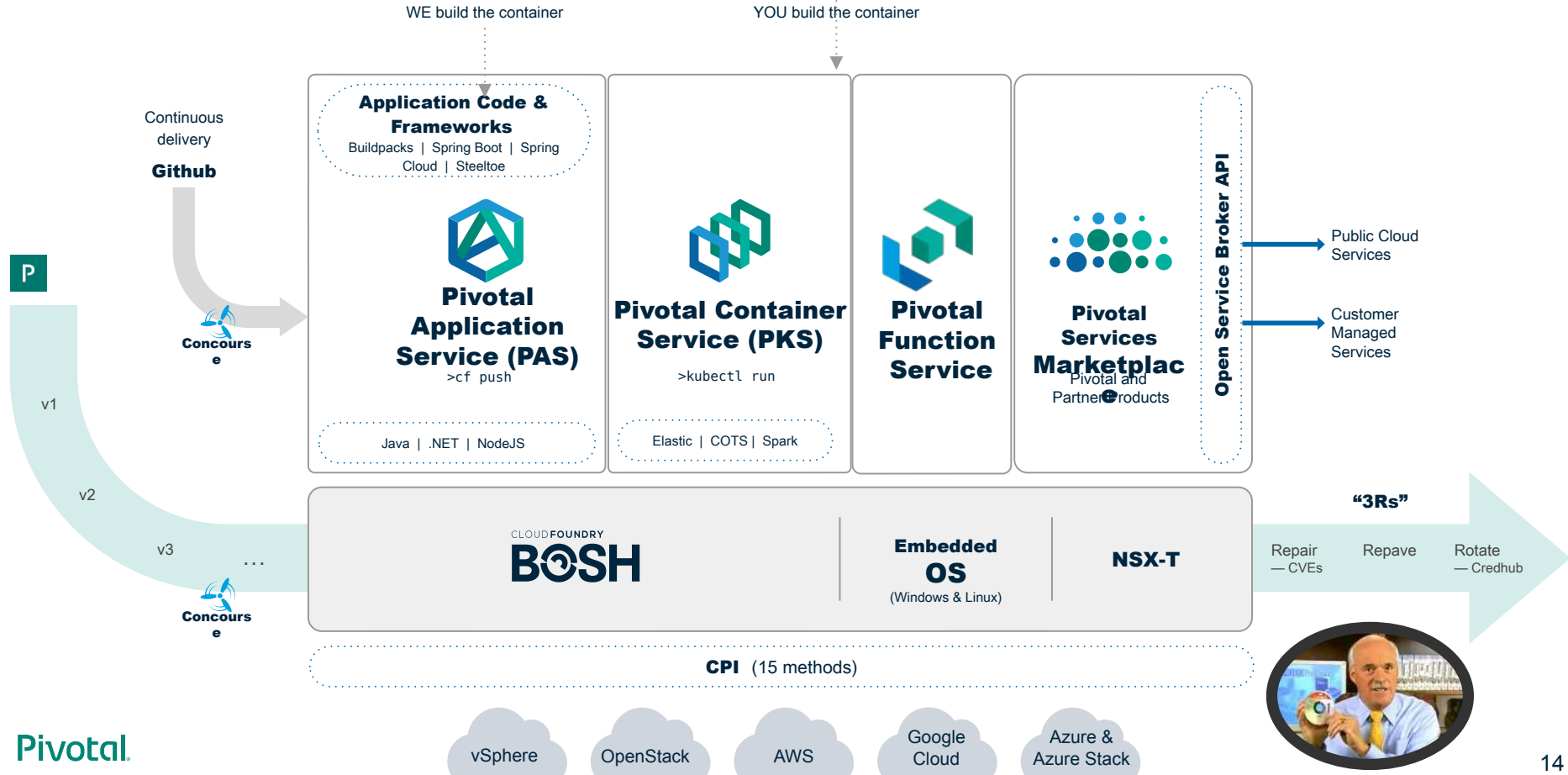


Private or public IaaS

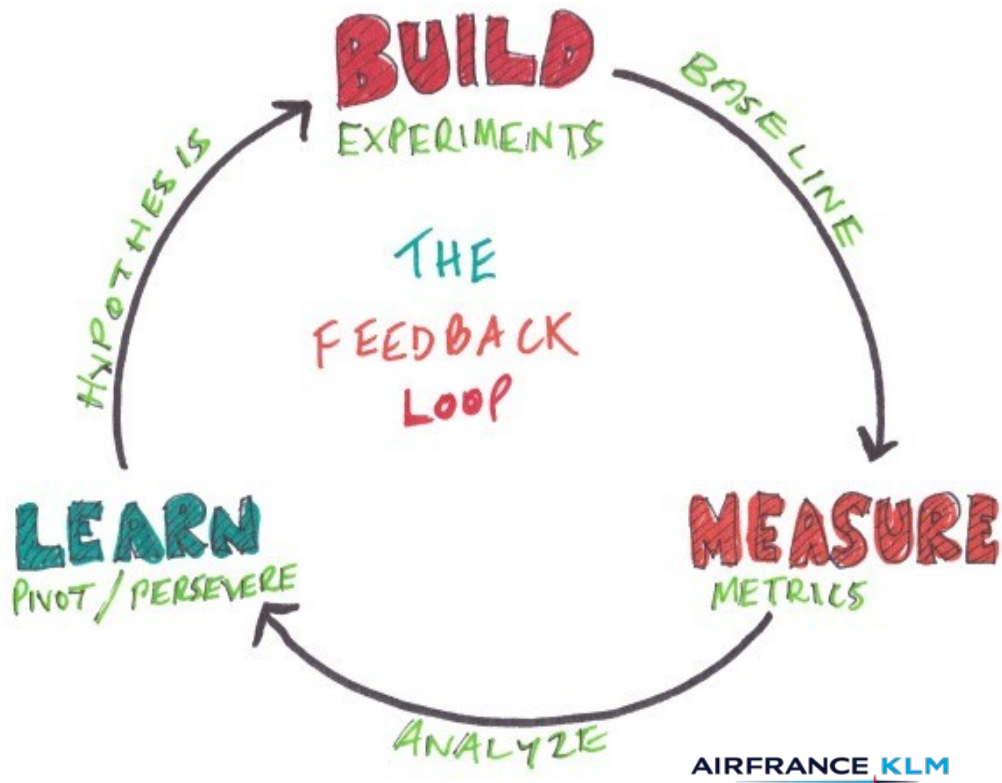
Choose, govern, and garden the right platform



A consistent platform



A consistent product process



From 37% availability to \$440m in back taxes

Before

Overview by Year		
YEAR	STATUS	AMOUNT
2014	Balance Due	\$644 >
2013	Taxes Paid	\$685 >
2012	Refund/Applied	\$100 >
2011	No Information Available	--

After

Overview by Year	
YEAR	BALANCE DUE
2014	\$644.00 >
2013	\$0.00
2012	\$0.00
2011	No Return on File >

- **User-centric, small batch**
- **Only 37% of calls answered, shrinking budgets**
- **From 2 year to 9 week releases**
- **2m+ users paid \$440m in taxes**



Don't build infrastructure, build applications



Rabobank

250+ apps supported by 3 ops staff, autonomous DevOps/product teams

THALES

Idea to production In 2 days; 3 months to market vs yrs; 80% of dev time coding

Allianz 

Small teams deploying to production in minutes, not days.

DAIMLER

Modernized app, rolled out 20 countries in 5 months.

HCSC 
Health Care Service Corporation

40%+ productivity/cost, rebooted member facing app.

 Liberty Mutual
INSURANCE

40% policy strike rate, vs. 20% industry average.

start. spring. io



SpringOne Platform

by Pivotal.

2019



Austin
Texas

Austin Convention Center
October 7–10