

How Platforms Work

*Here is my source code
Run it in the cloud for me
I do not care how*

— @onsijoe

How Platforms Work

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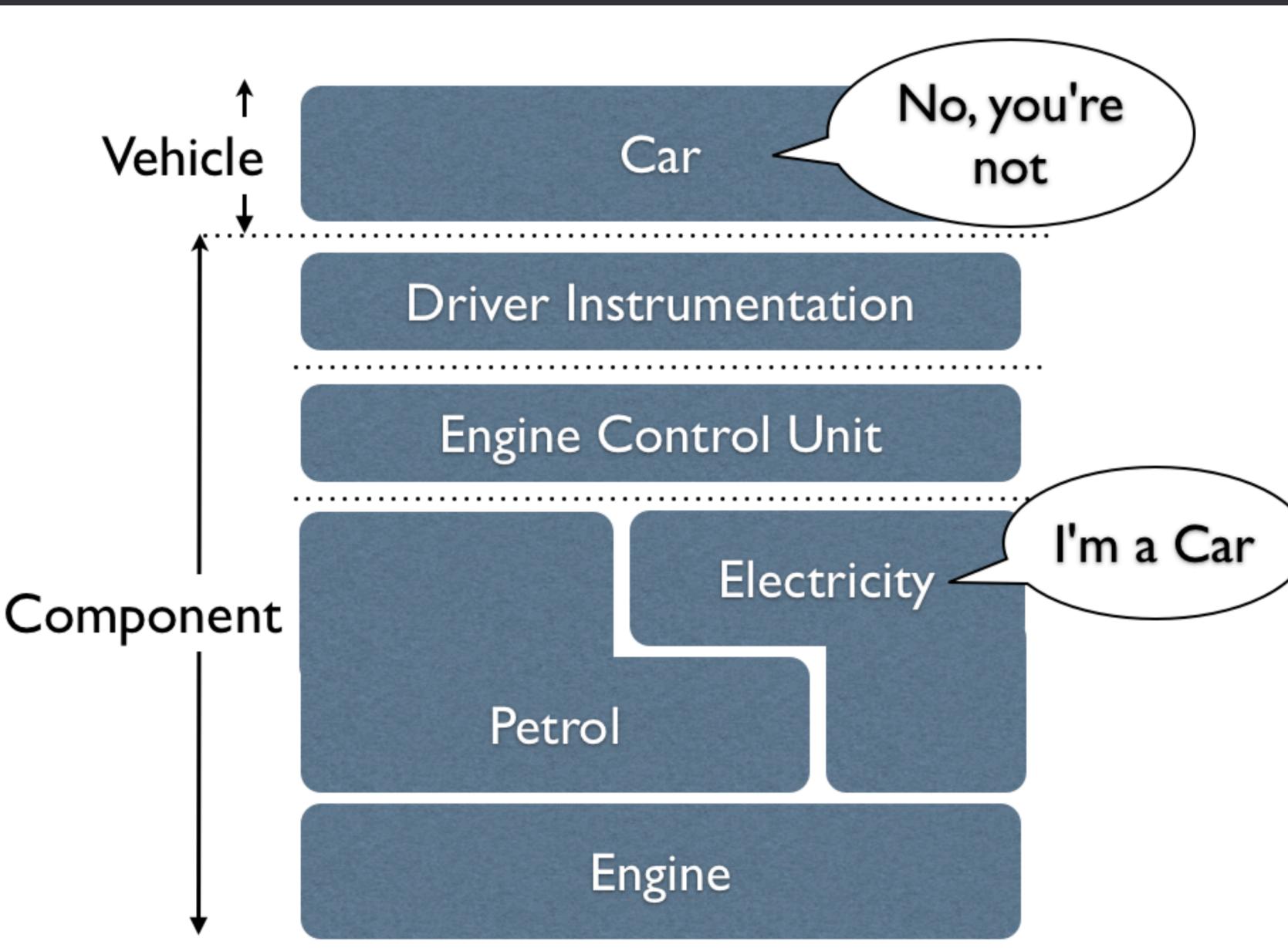
Thanks a lot, Pivotal



@caseywest #cloudfoundry #springboot #concourseci #boston #circlescalledsquares #wickedsmash

Minimum Viable Platform

- Dynamic DNS, routing and load balancing
- Backing services broker
- Infrastructure orchestration
- Health management, monitoring, and recovery
- Immutable artifact repository
- Log aggregation



What's a car?

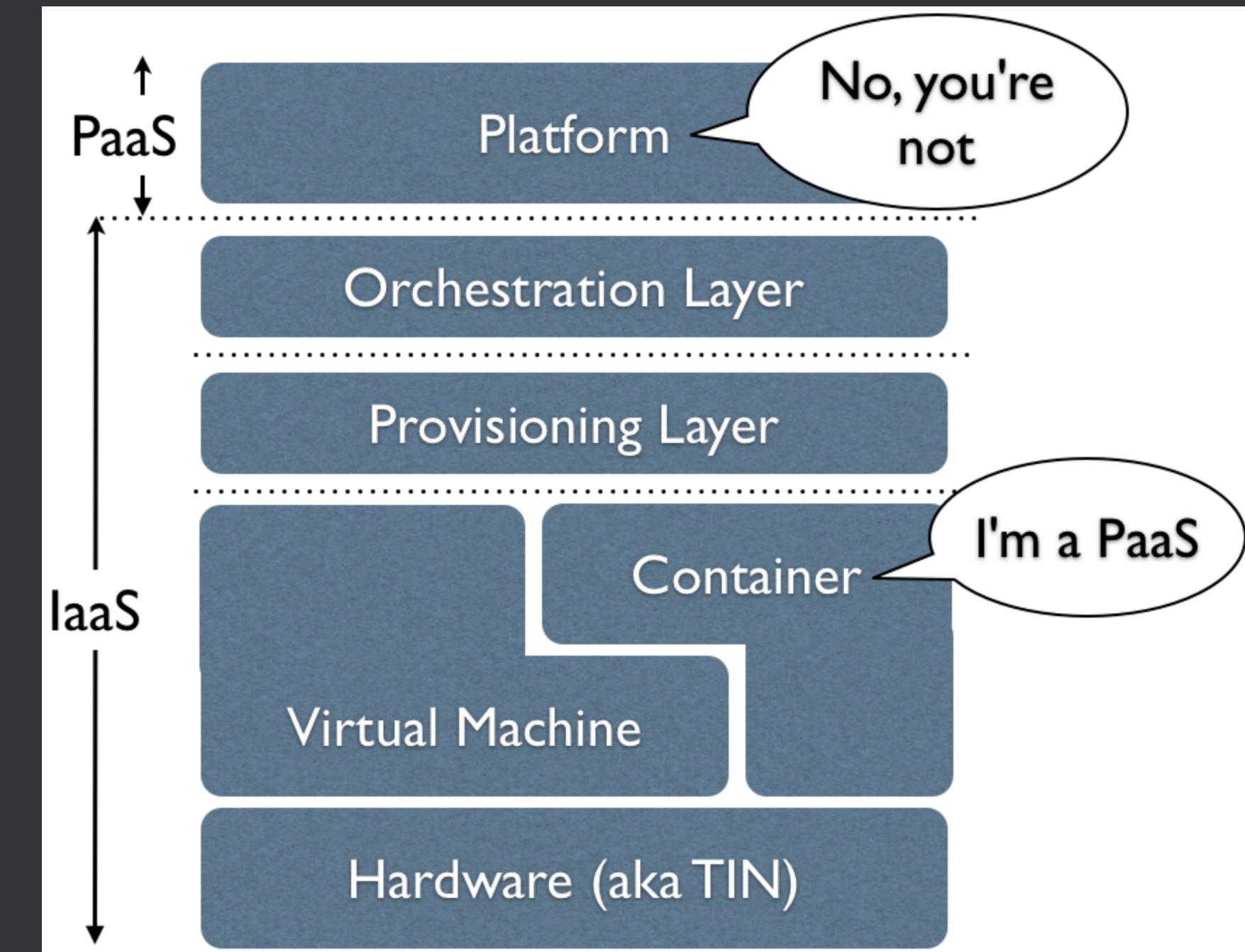
Credit: Simon Wardley

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What's a platform?

Credit: Simon Wardley



BOSH

<http://bosh.io>



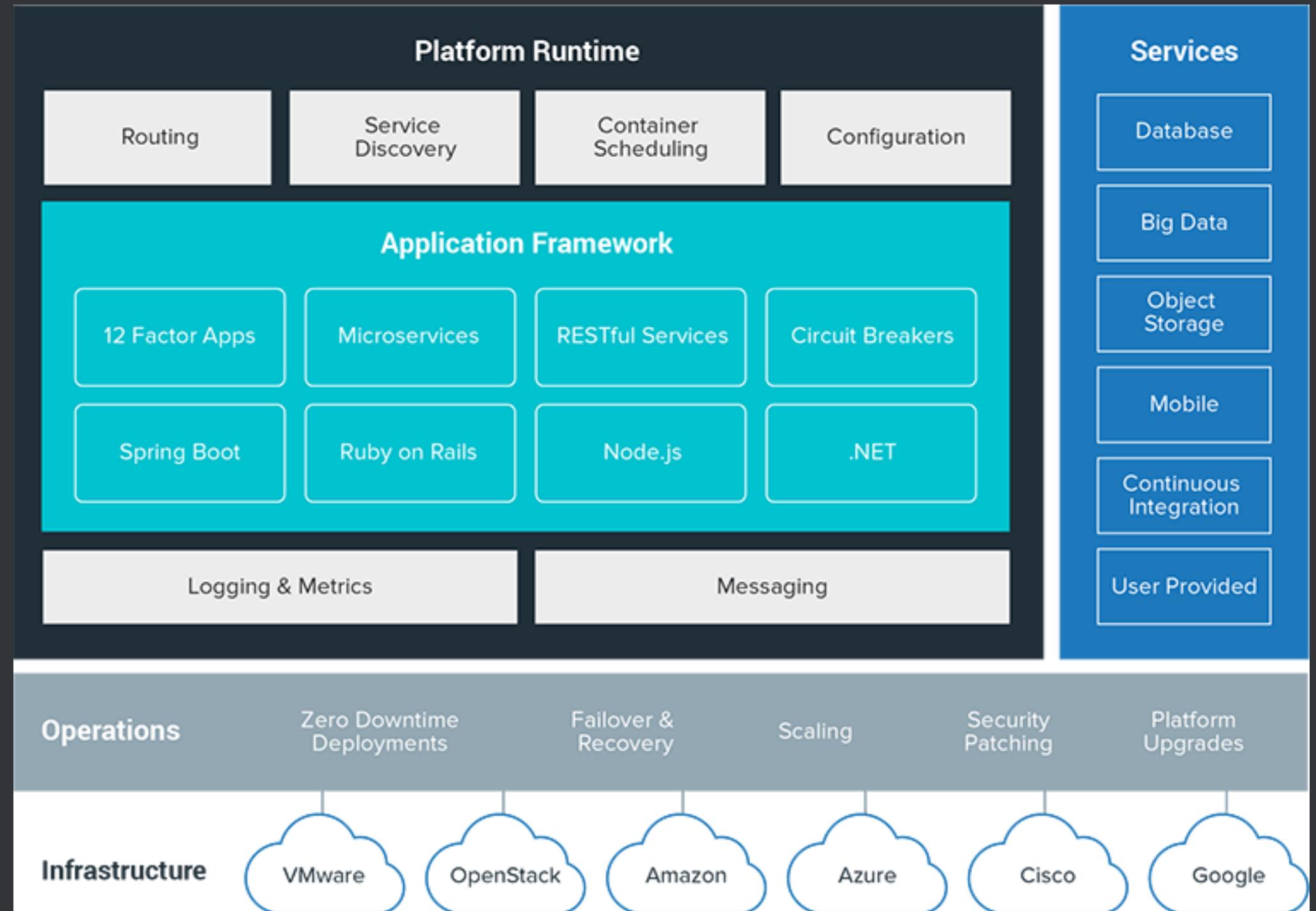
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Cloud Foundry

<http://cloudfoundry.org>



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Live Demo

What could go wrong?



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But why?

Cloud-Native Operability is

1. Microservices **Architecture**
2. Continuous Delivery **Process**
3. Devops **Culture**



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**Cloud-Native Operability is
Microservices Architecture
Continuous Delivery Process
Devops Culture
on a Platform**



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@caseywest

Let's be friends



Thank you

Resources

- <http://pivotal.io/pcf-dev> — PCF Dev
- <https://github.com/cwest/cfenv> — Demo App



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