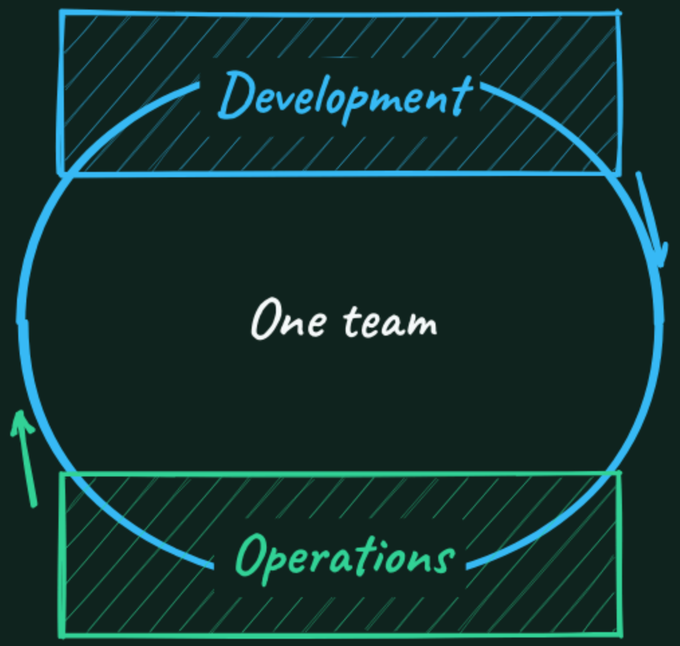
AGIMA DevOps Meetup · June 28, 2021

DevOps culture: myths and reality

Clearing out the myths, then looking at what actually grew at scale



The myths first, then what practice produced

What we'll cover

- Myths: who, what, how
- Reality: business and IT
- Teams and maturity
- Conclusions

Part 1

01

Myths

Who, what and how — three ways to miss

There is no such thing as a devops person

What people call one

- Not a single person
- Not an org unit next to dev and ops
- Not the person who knows how to do everything
- Not the old sysadmin, and not a dev who runs CI/CD

Devops gets swapped for its own form

What it gets passed off as

- Not a set of the right fashionable technologies
- Not another name for ITIL/ITSM
- Not just a buzzword about development culture

Quick moves do not buy a culture

How to «do devops» from the outside

- Consultants who preach about culture
- Consultants who pitch fashionable technologies
- Consultants who outsource CI/CD into a black box
- Buying an external team wholesale

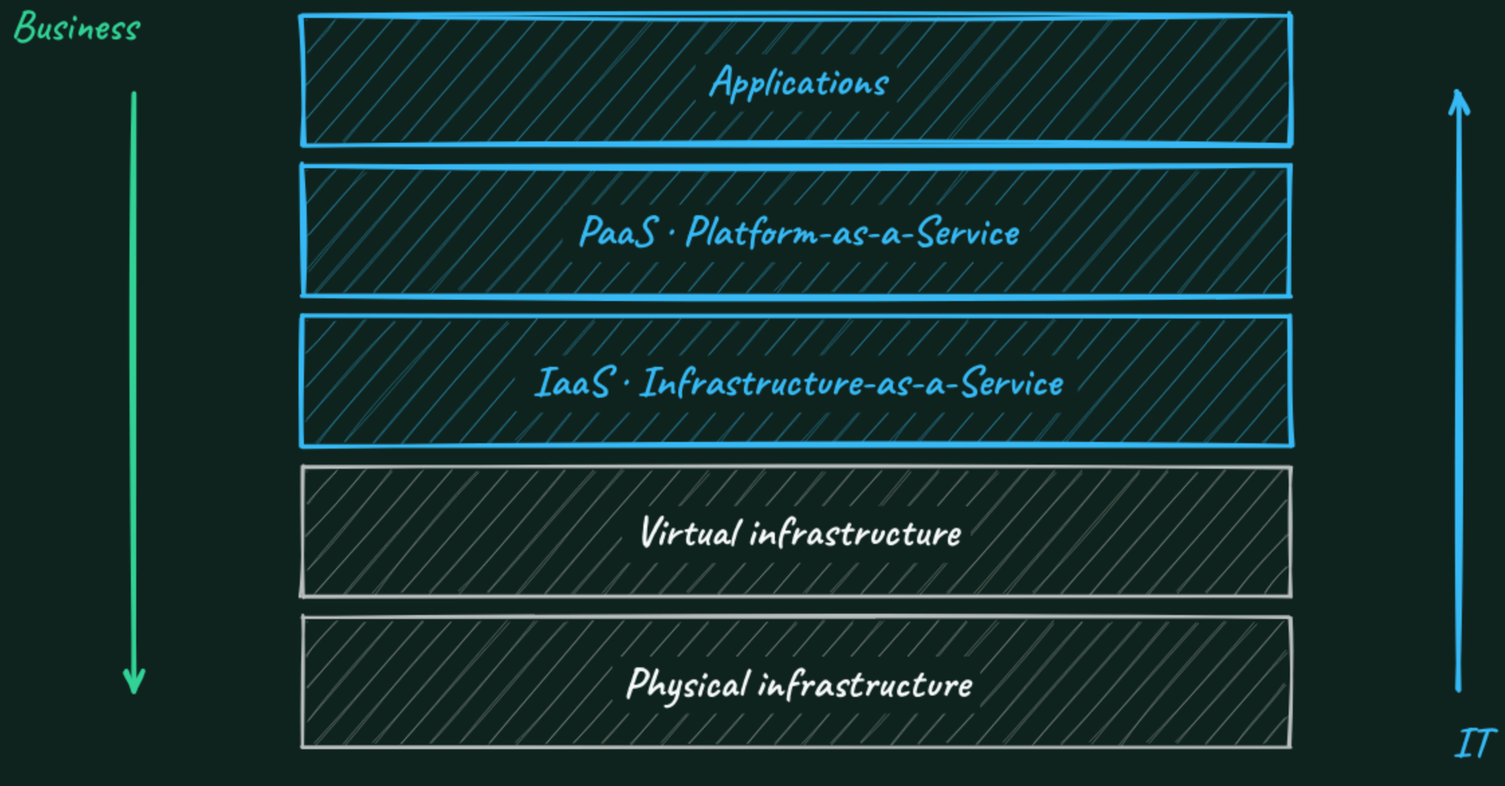
Part 2

02

Reality

How it started and what it turned into

Infrastructure becomes an internal product



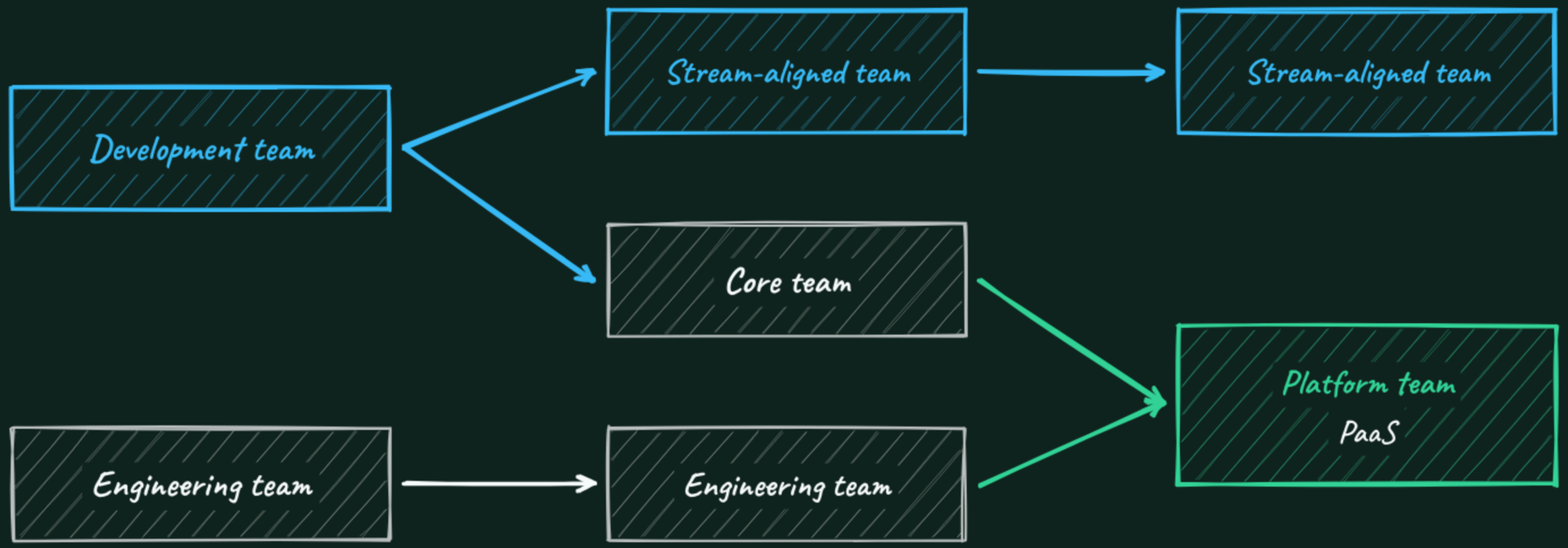
Approach How it started

Engineering provides shared services

- IaaS — Infrastructure-as-a-Service
- PaaS — Platform-as-a-Service
- DBaaS — Database-as-a-Service
- Tooling · monitoring · testing

Core and engineering form the platform team

Platform What it became



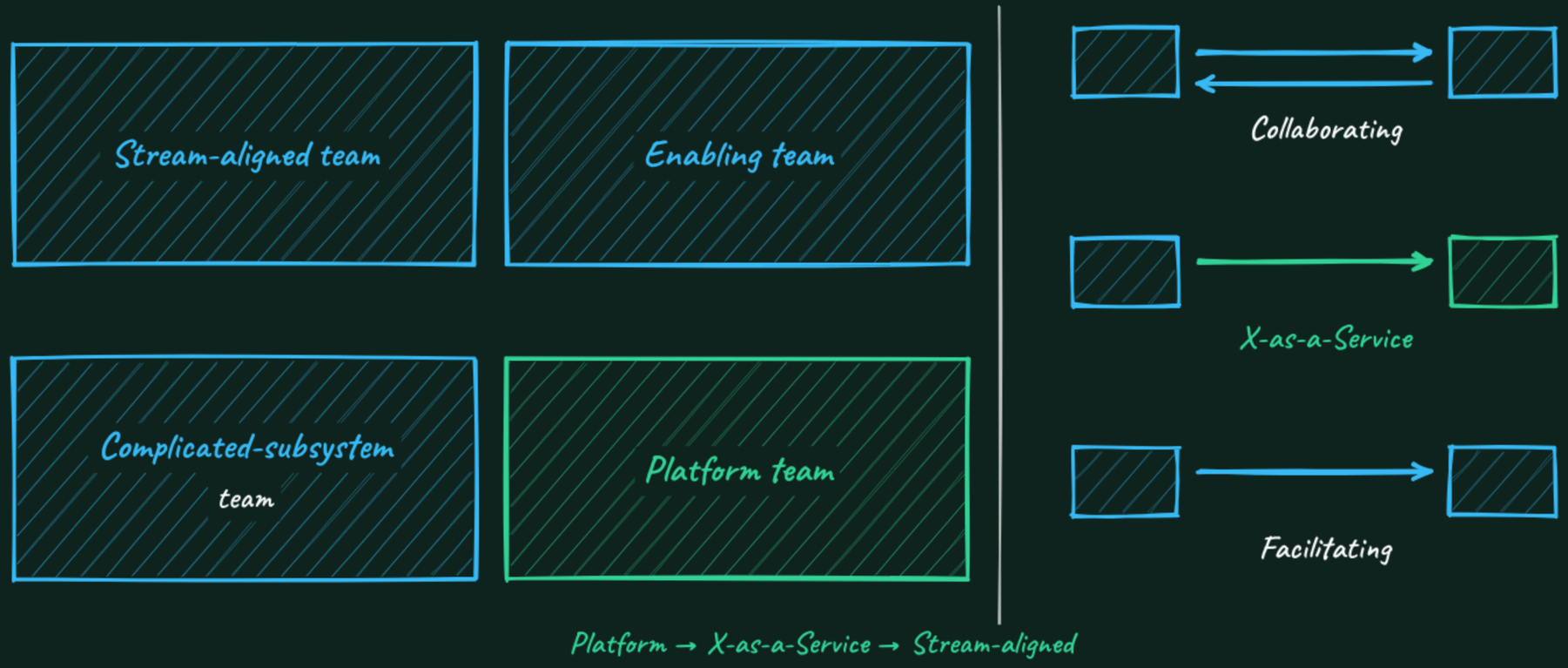
Part 3

03

Teams and maturity

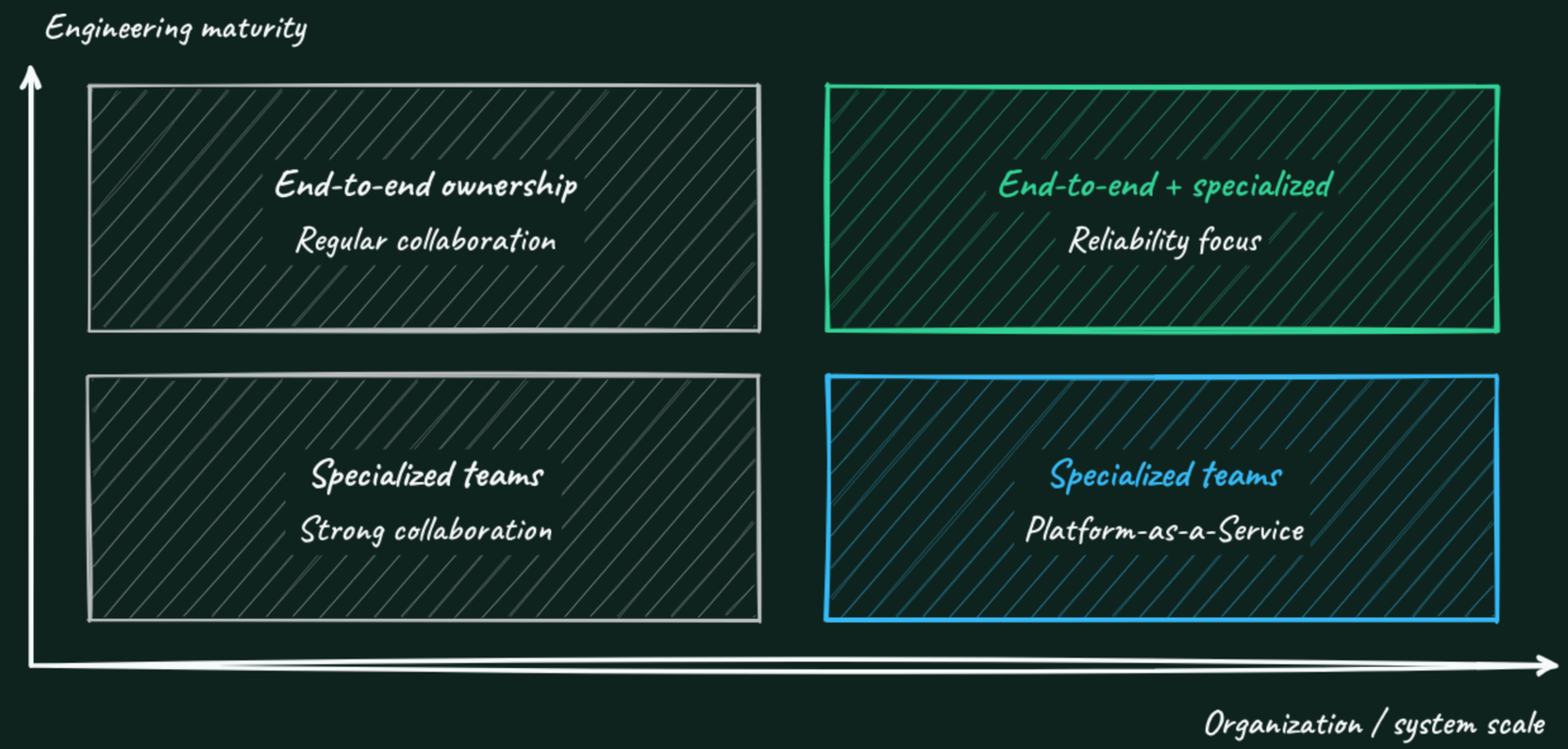
The Team Topologies reading

Teams use three interaction modes



Scale and maturity shape team design

Maturity Engineering Maturity



Part 4

04

Conclusions

What to take with you

Devops is about joining development and operations

And about how that looks at different scales

- Devops is an overloaded term
- It is surrounded by a lot of myths
- At its core it joins development and operations
- At large scale: stream-aligned plus platform teams, with the platform teams building a PaaS
- At small scale: teams are better off taking a cloud PaaS

Further reading Materials

What to read next

The links from the talk’s closing slide

- The «Team Topologies» book — with a three-part summary
- An article on product and platform team collaboration
- An article on the limits of reusing shared solutions
- Stanislav Khalup’s talk «DevOps eras at Tinkoff»

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Thank you!

All slides and links — in the Telegram channel

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