



KubeCon



CloudNativeCon

North America 2023

Panel: Platforms all the way down

*Abby Bangser, Josh Gavant, Colin Griffin, Srinivas
Peri & Joe Natale*

Always has been



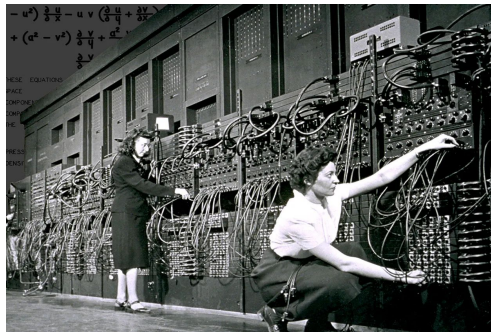
KubeCon



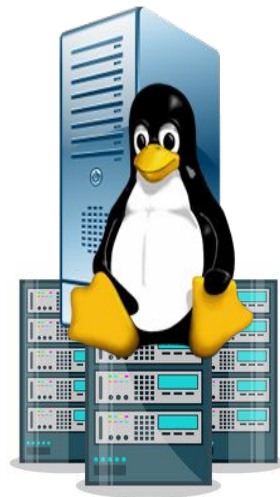
CloudNativeCon

North America 2023

Reprogrammable Machines



Operating systems



Infrastructure as a service



Platform Capabilities



Panelists



KubeCon



CloudNativeCon

North America 2023



Abby Bangser
Principal Engineer
Syntasso
CNCF WG Platforms



Josh Gavant
App Platform
Architect
Red Hat
CNCF TAG App
Delivery



Srinivas Peri
Director of Cloud
Platform Engineering
Adobe (Ethos)



Colin Griffin
Founder & Chief
Engineer
Krumware
@krumware



Joe Natale
Technical Architecture
Manager
Discover Financial

Questions



KubeCon



CloudNativeCon

North America 2023

- Share your name and role and how you work with platforms and platform engineers.
- What is a platform - and what does a "platform engineer" at your organization or customers' organizations do?
- What are a couple key capabilities in your platforms?
- What are the goals your organization is achieving or hopes to achieve with your internal platforms?
- What values are important to your platform teams?
- How do you measure the impact of platform adoption in your organizations?
- What are patterns for operating platform teams in your orgs? What roles do you have, and how is work accepted and scheduled?
- What methods do you use to prove the value of platform capabilities to your users - product teams?
- Can you talk about how you encourage adoption and define user interfaces for your platforms?
- Can you share an interesting, unexpected lesson you've learned along the way of advocating for and implementing platforms?



KubeCon



CloudNativeCon

North America 2023

What is a platform?



Platform Capabilities

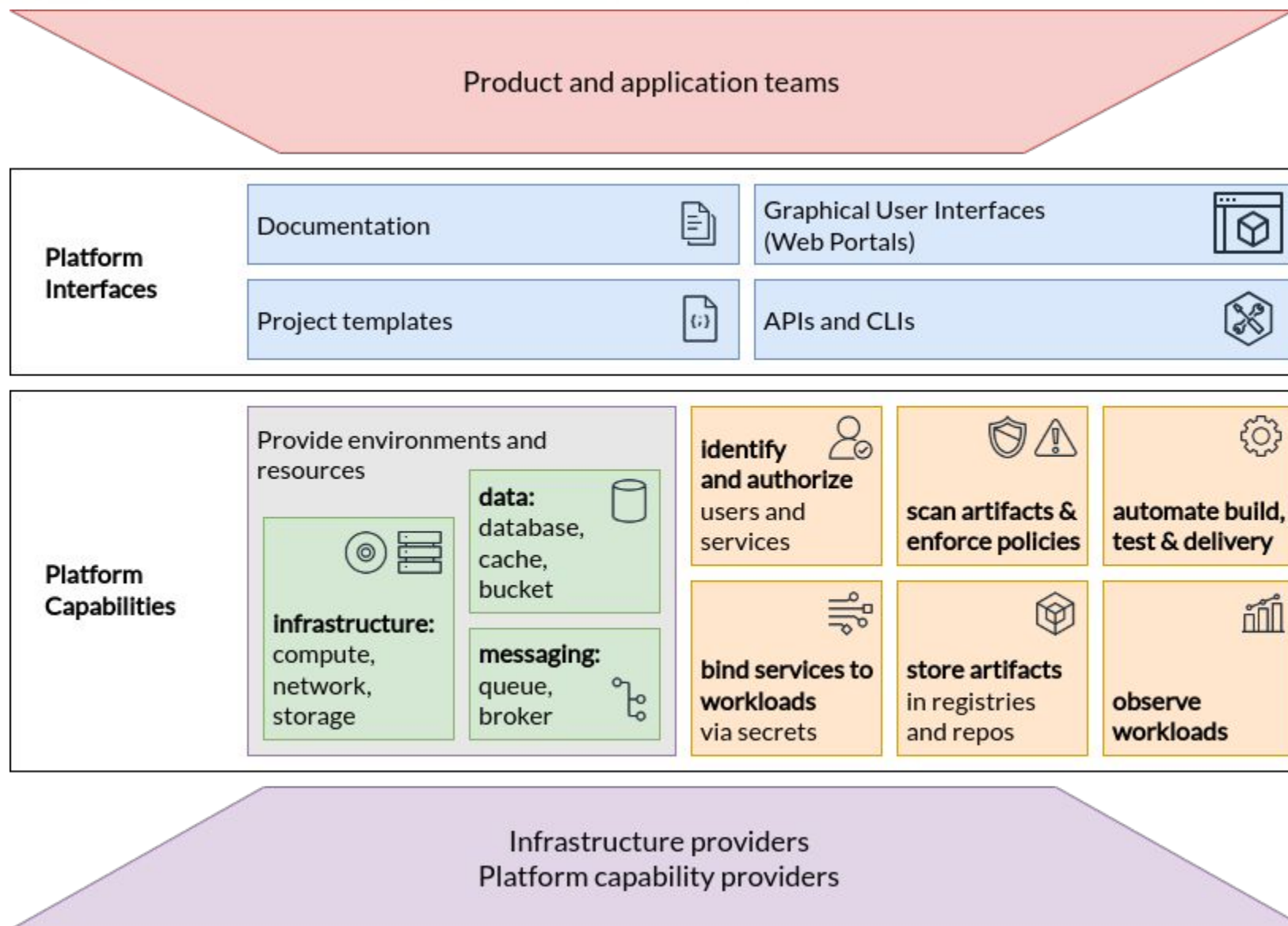


KubeCon



CloudNativeCon

North America 2023





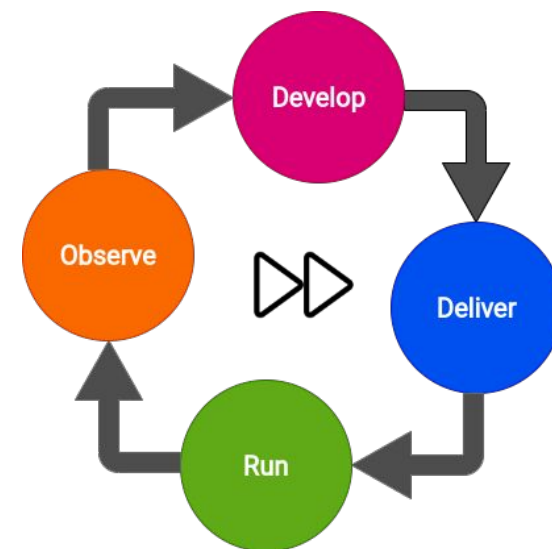
KubeCon



CloudNativeCon

North America 2023

Why platforms?



Platform Engineering Maturity Model



KubeCon



CloudNativeCon

North America 2023

| Aspect/State | Provisional | Operational | Scalable | Optimizing |
|--|------------------------|-----------------------|------------------------|------------------------------|
| INVESTMENT How are staff and funds allocated to platform capabilities? | Voluntary or Temporary | Dedicated Team | As Product | Enabled Ecosystem |
| ADOPTION Why and how do users discover and use internal platforms? | Erratic | Extrinsic Push | Intrinsic Pull | Participatory |
| INTERFACES How do users interact with and consume platform capabilities? | Custom Processes | Standard Tooling | Self-Service Solutions | Integrated Services |
| OPERATIONS How are platforms and capabilities planned, developed and maintained? | By Request | Centrally Tracked | Centrally Enabled | Managed Services |
| MEASUREMENT What is the process for incorporating feedback and learning? | Ad hoc | Consistent Collection | Insights | Quantitative and Qualitative |

Join us



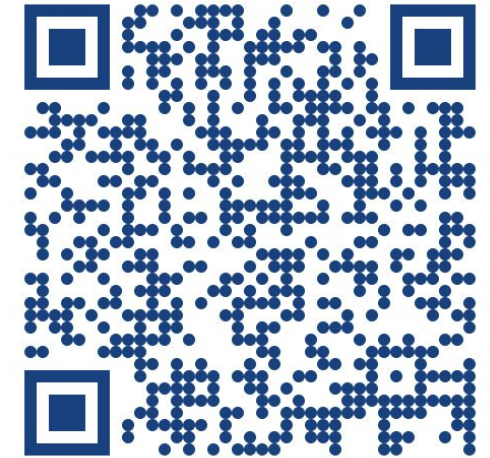
KubeCon



CloudNativeCon

North America 2023

- Papers @ <https://tag-app-delivery.cncf.io/wgs/platforms/>
- Kubecon Project Pavilion Booth 41
- Regular hangouts:
 - Slack channels at <https://slack.cncf.io/>
 - GitHub issues at <https://github.com/cncf/tag-app-delivery>
 - Meetings at <https://community.cncf.io/tag-app-delivery>



Platforms: A rising tide lifts all boats

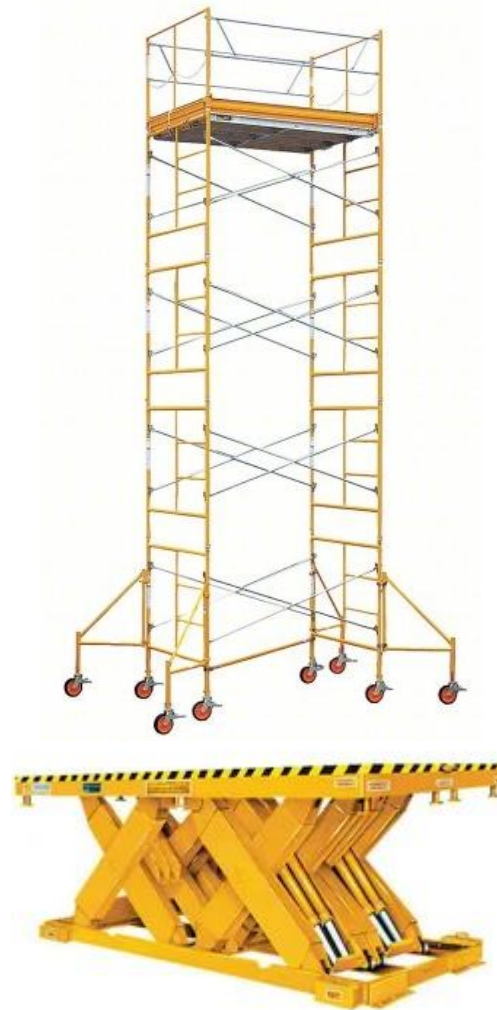


KubeCon



CloudNativeCon

North America 2023



Feedback please!

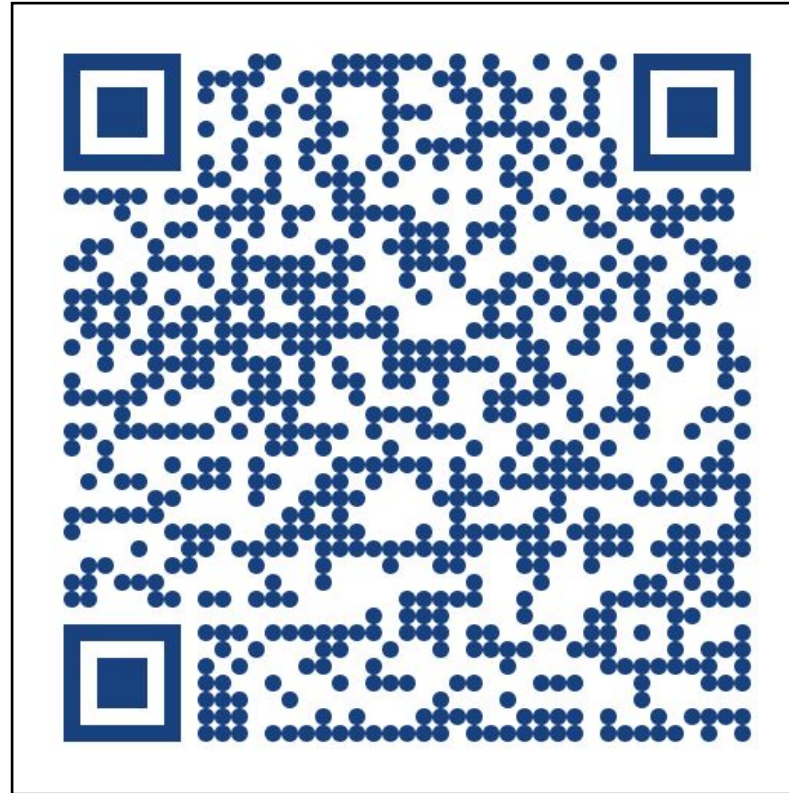


KubeCon



CloudNativeCon

North America 2023



Please scan the QR Code above
to leave feedback on this session



KubeCon



CloudNativeCon

North America 2023



Platforms Accelerate Value Delivery

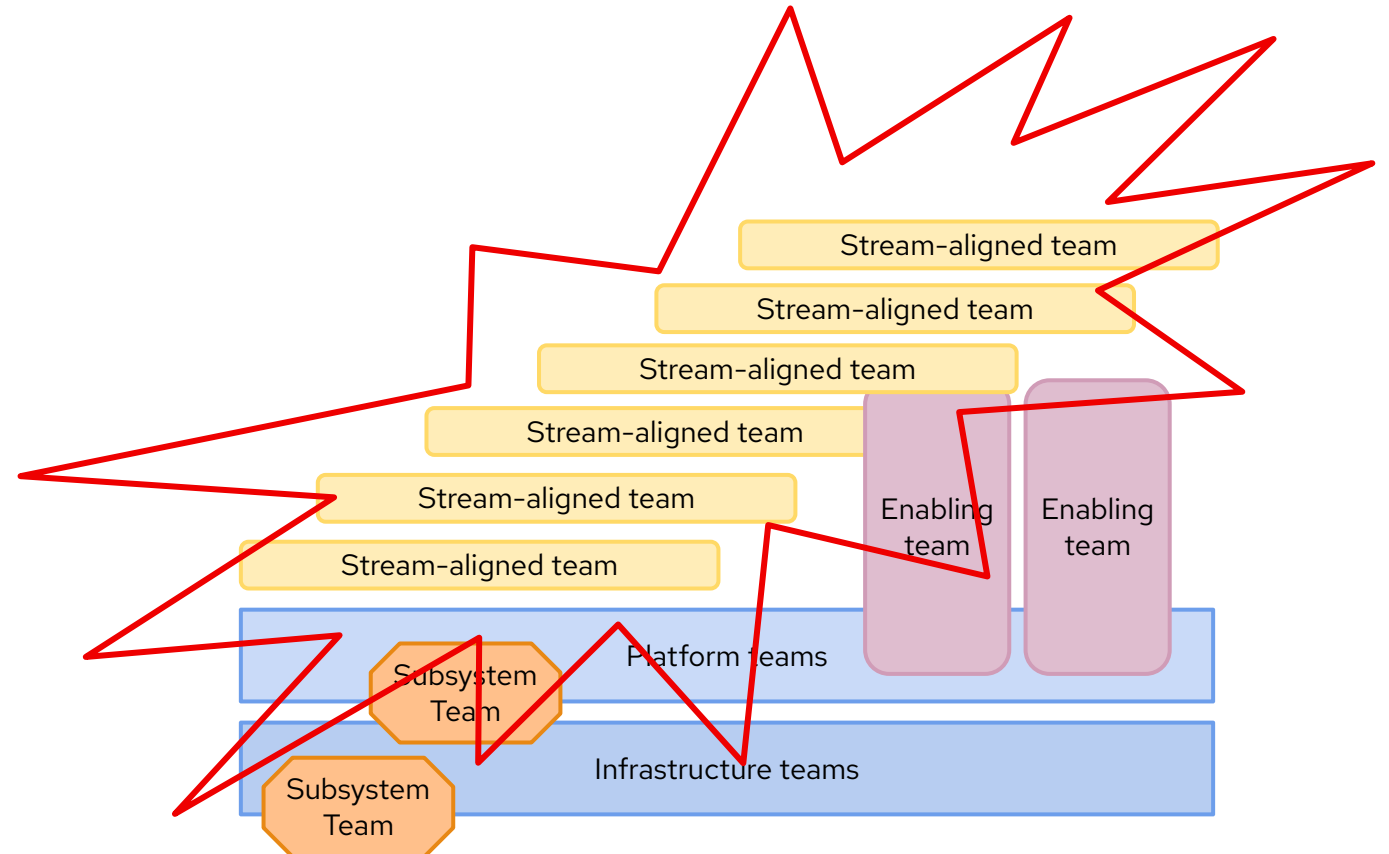
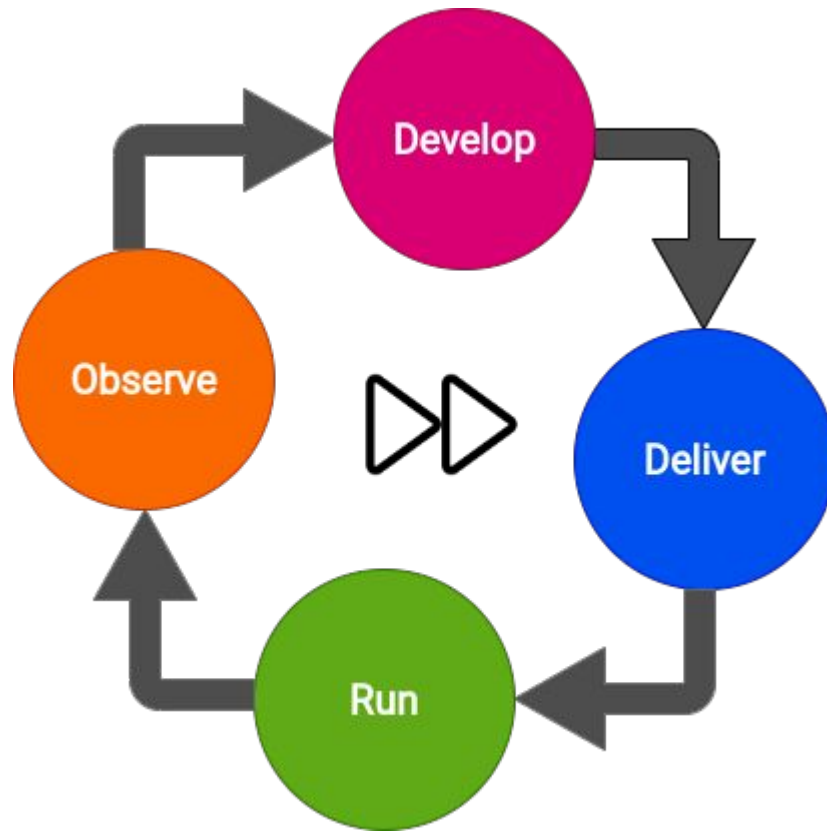


KubeCon



CloudNativeCon

North America 2023



Team Topologies

Platforms: A rising tide lifts all boats



KubeCon



CloudNativeCon

North America 2023

