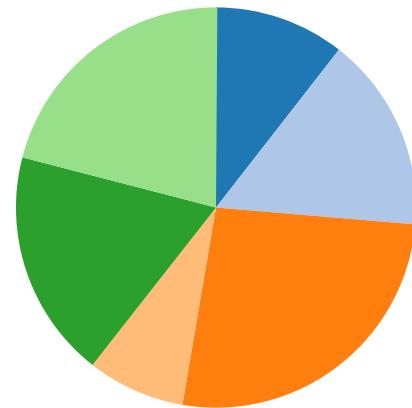


HOW NETFLIX BUILDS CODE

Rahul Somasunderam

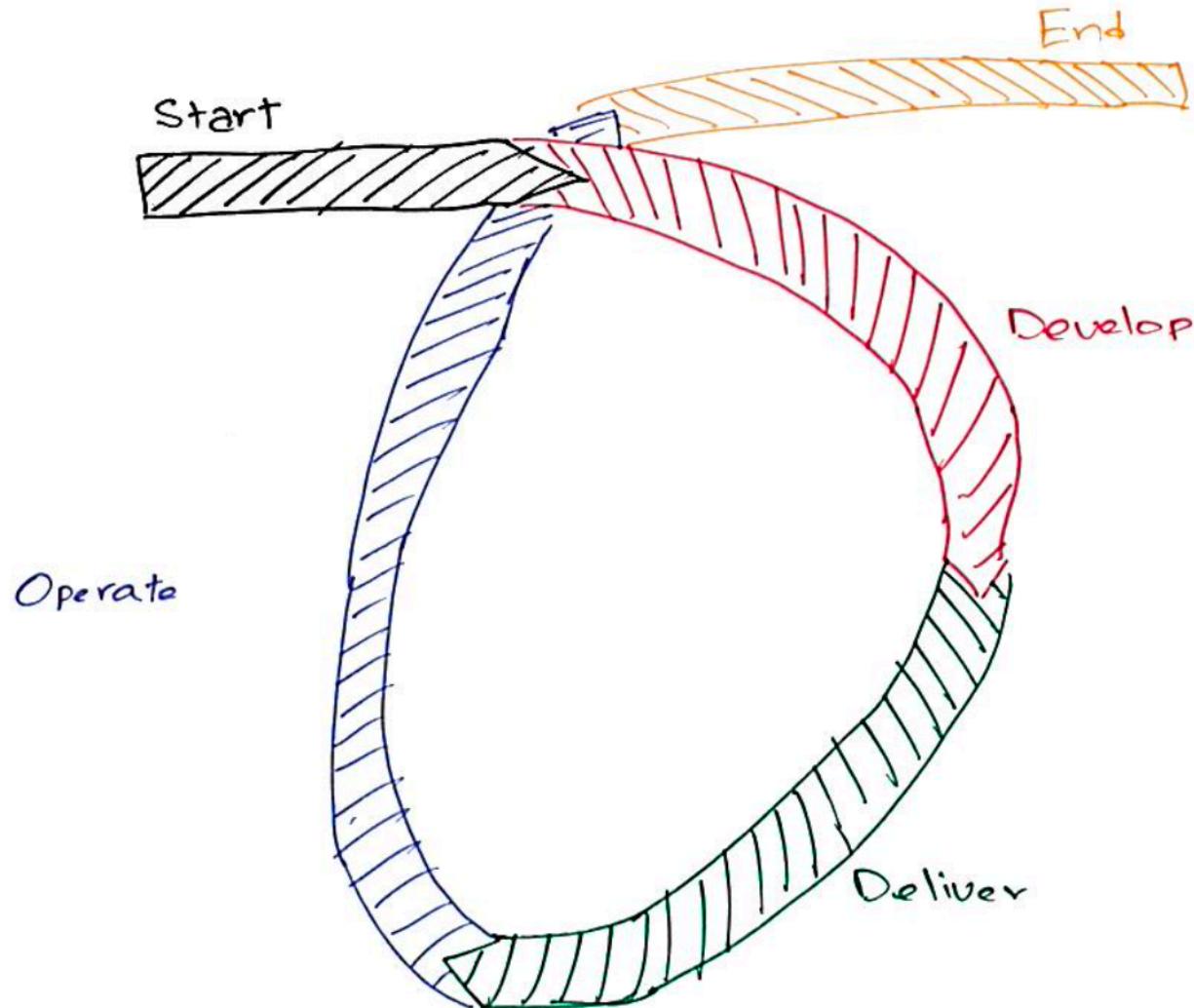
WHAT DOES A TEAM LOOK LIKE?



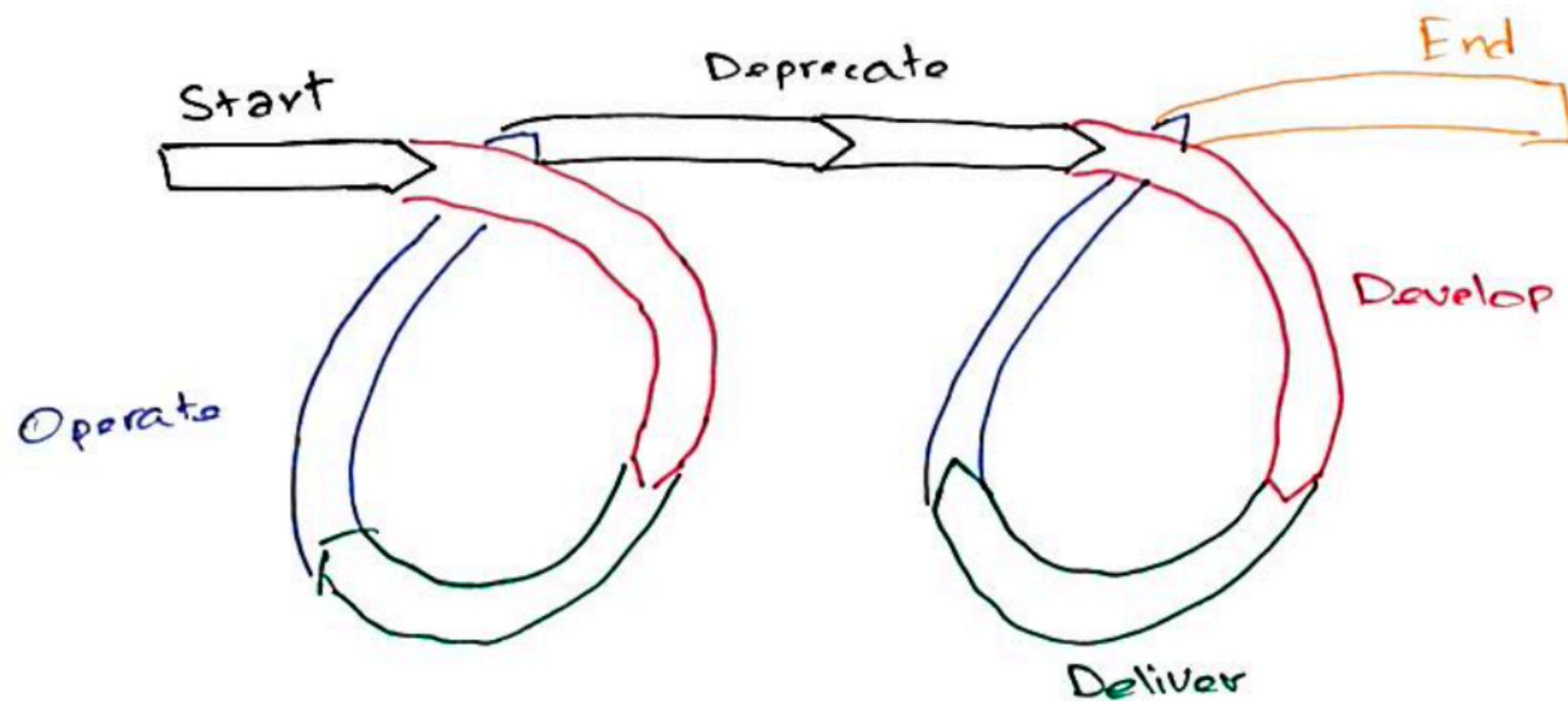
HOW DOES A NETFLIX TEAM LOOK LIKE?



WHAT IS THE FULL CYCLE?



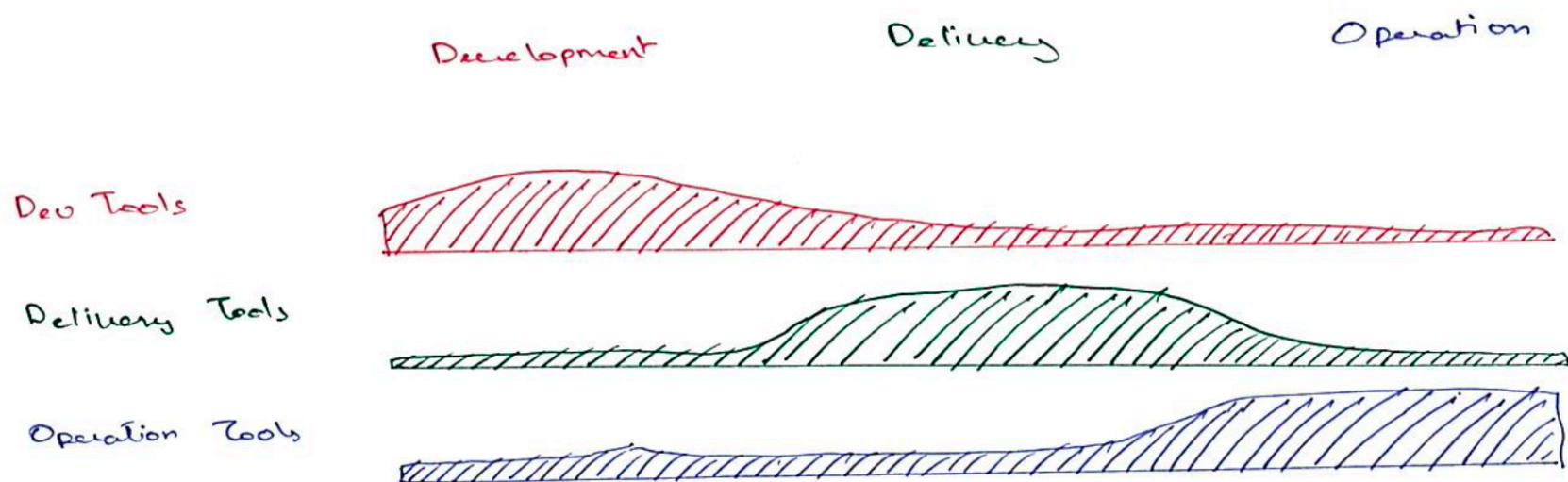
WHAT IS SUPPORTED?



WHAT KIND OF TEAMS SUPPORT THESE TOOLS?



WHAT IT REALLY LOOKS LIKE



A photograph of a winding highway through a mountainous landscape. The road curves from the bottom left towards the center right. On the right side, there is a blue guardrail along the edge. The background consists of dark, hilly terrain under a clear blue sky with some white clouds.

GUARDRAILS, NOT GATES



THE UNPAVED ROAD

Deane's
Drop

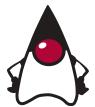
A dynamic photograph of a cycling race, likely a team time trial, featuring four cyclists in matching yellow and black MTN-Qhubeka jerseys. They are riding their bicycles at high speed on a paved road. In the background, there's a white van with "MTN QHUBER" branding, a large truck with bicycles on its roof, and spectators behind blue barriers under a clear sky.

THE PAVED ROAD

WHAT WE SUPPORT

- 🙌 A few thousand users
- 🙌 A few hundred teams
- ~45k repositories
- ~45k job definitions
- ~600k builds per week

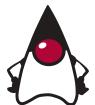
WHAT ARE THE TOOLS LIKE



nebula



WHAT ARE THE TOOLS LIKE



WHAT ARE THE TOOLS LIKE



WHAT ARE THE TOOLS LIKE



WHAT ARE THE TOOLS LIKE



THE JAVA PATH



Apache Software Foundation

THE JAVA PATH



THE JAVA PATH



```
allprojects {  
    apply plugin: 'netflix.nebula'  
}
```

THE NODE PATH



VERSION CONTROL



THE CI PHASE



THE CI PHASE



THE CI PHASE



THE CI PHASE



THE CI PHASE



MORE CI TASKS



THE CD PHASE



THE CD PHASE



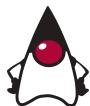
OPERATING



OPERATING



TOO MANY TOOLS?



NEWT



THANK YOU

@rahulsom



How Netflix Builds Code

Rahul Somasunderam, Build Meetup 2021