

HOW NETFLIX BUILDS CODE

Rahul Somasunderam

WHAT DOES A TEAM LOOK LIKE?



Diagram

HOW DOES A NETFLIX TEAM LOOK LIKE?

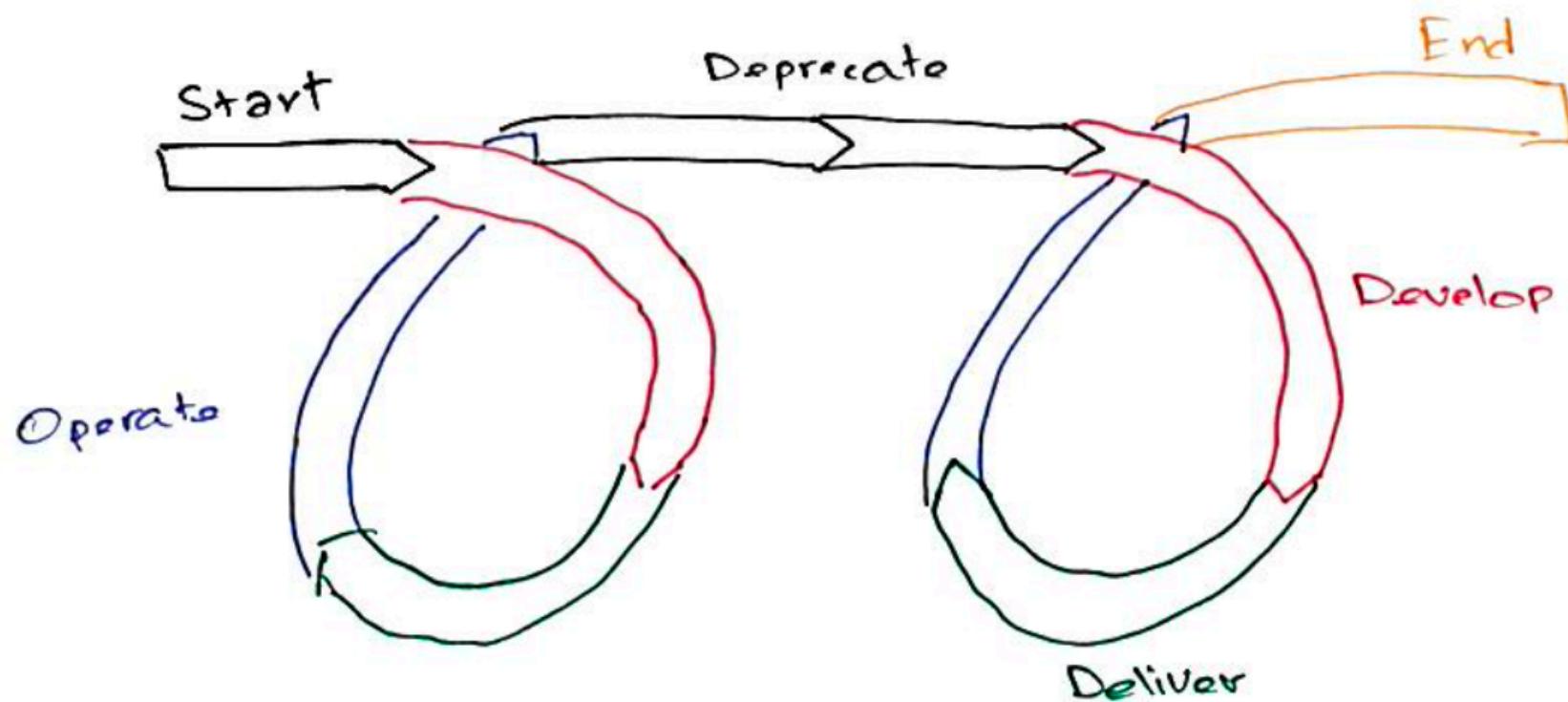


Diagram

WHAT IS THE FULL CYCLE?



WHAT IS SUPPORTED?



WHAT KIND OF TEAMS SUPPORT THESE TOOLS?



WHAT IT REALLY LOOKS LIKE



GUARDRAILS, NOT GATES



THE UNPAVED ROAD

A photograph of a team of cyclists performing a team time trial on a paved road. Five cyclists in yellow and black MTN-Qhubeka jerseys are riding in a tight group. In the background, a silver car with "MTN QHUBEKA" on its front bumper follows them. A large truck with bicycles on its roof is parked on the side of the road. Spectators are visible behind a blue barrier. The text "THE PAVED ROAD" is overlaid in a large, bold, black font.

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



WHAT ARE THE TOOLS LIKE



WHAT ARE THE TOOLS LIKE



WHAT ARE THE TOOLS LIKE



WHAT ARE THE TOOLS LIKE



THE JAVA PATH



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