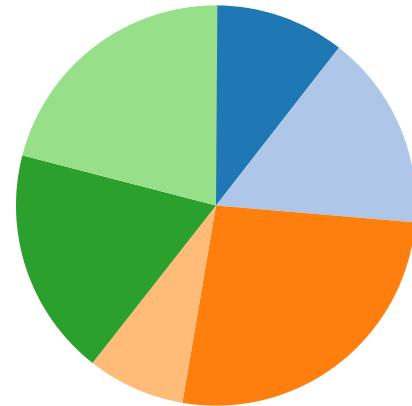


# HOW NETFLIX BUILDS CODE

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



# **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