

# 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



"TX 375 Road - Mountains 2" by formulanone is licensed with CC BY-SA 2.0.

# THE UNPAVED ROAD



"Olympic Mountain Bike Cross Country Cycling Race - London 2012 MTB" by Sum\_of\_Marc is licensed with CC BY-NC-ND 2.0.

# THE PAVED ROAD



"UCI Worlds in Valkenburg, September 2012 THE TEAM TIME TRIAL" by sjrowe53 is licensed with CC BY-NC-ND 2.0.

# 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



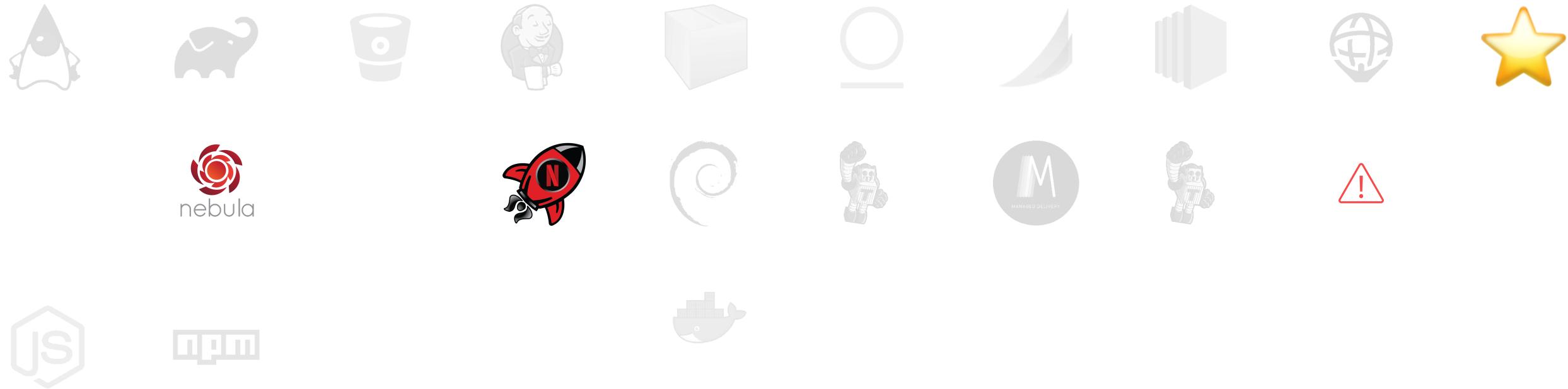
# WHAT ARE THE TOOLS LIKE



# WHAT ARE THE TOOLS LIKE



# WHAT ARE THE TOOLS LIKE



# WHAT ARE THE TOOLS LIKE



# THE JAVA PATH



# THE JAVA PATH

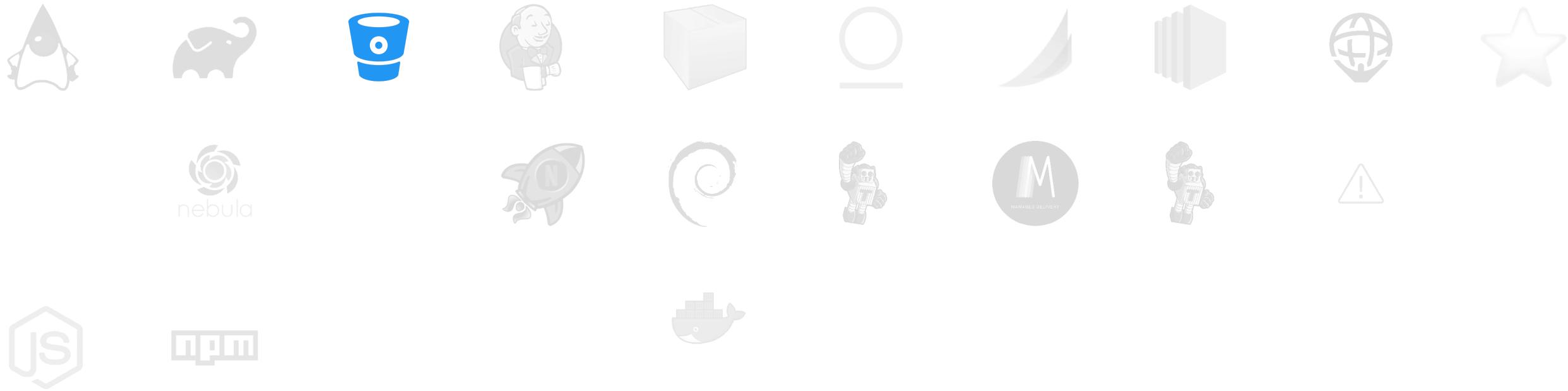


```
allprojects {  
    apply plugin: 'netflix.nebula'  
}
```

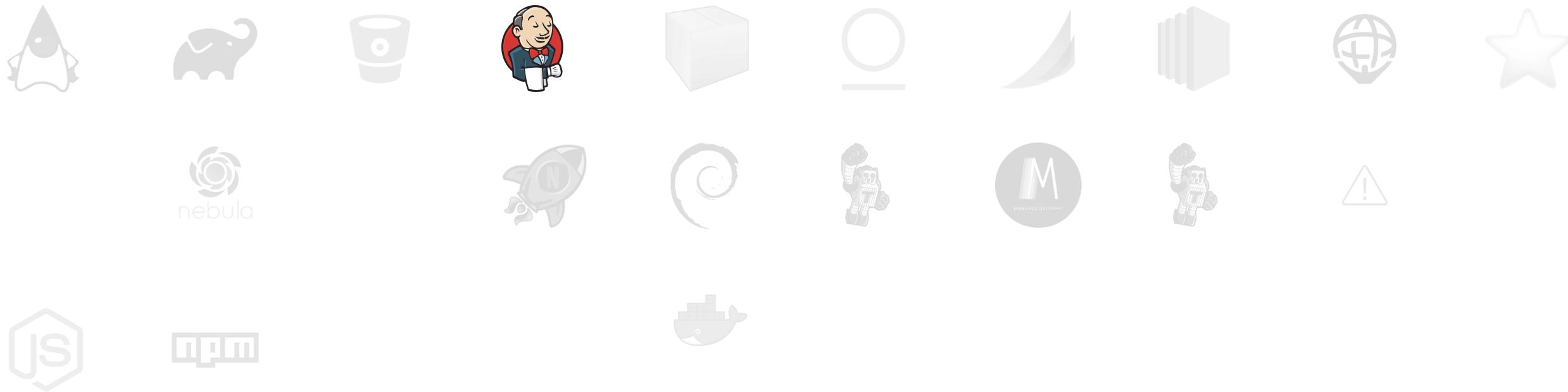
# THE NODE PATH



# VERSION CONTROL



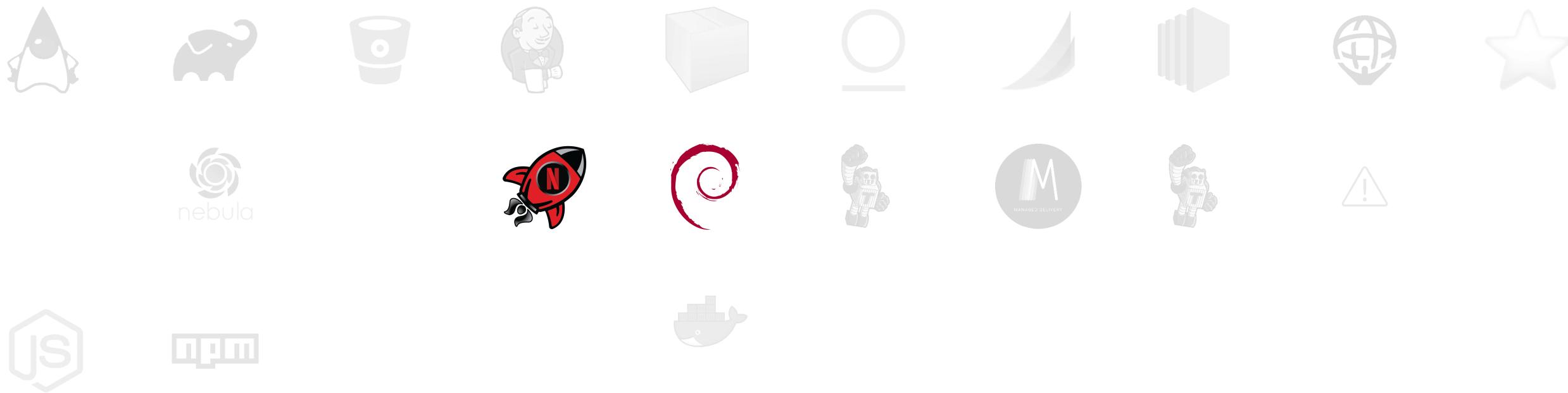
# THE CI PHASE



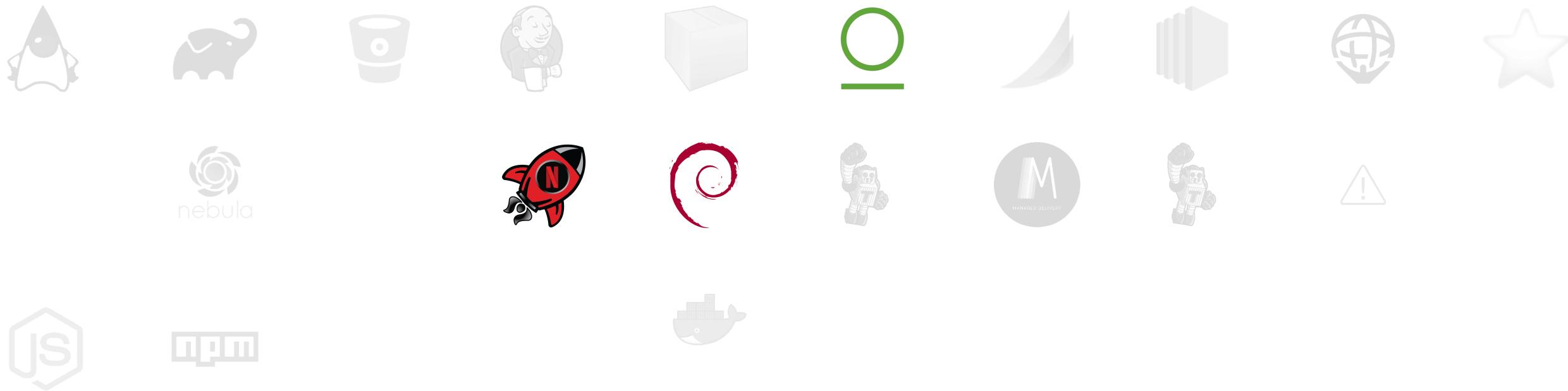
# THE CI PHASE



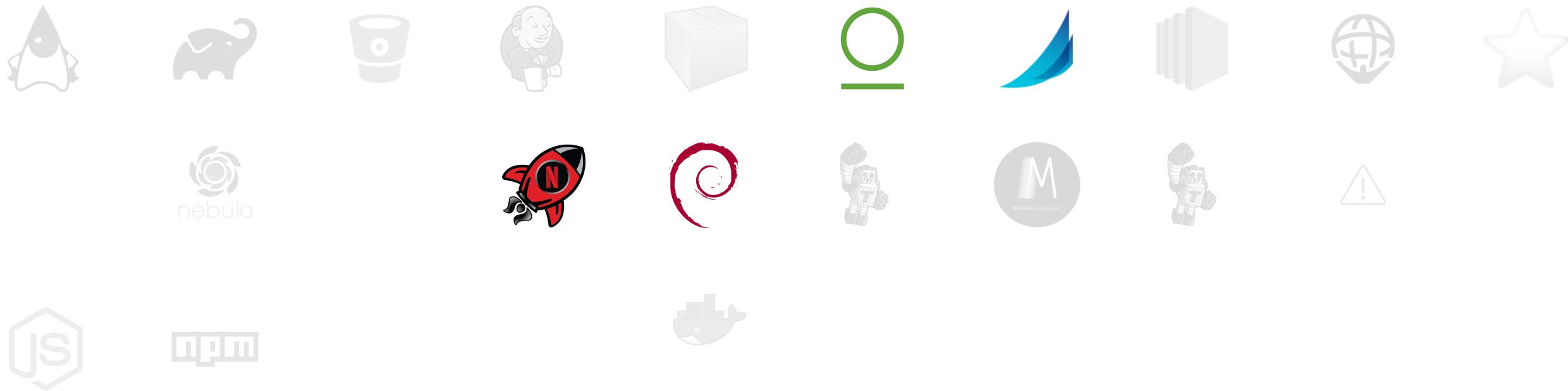
# THE CI PHASE



# THE CI PHASE



# THE CI PHASE



# MORE CI TASKS



# THE CD PHASE



# THE CD PHASE



# OPERATING



# OPERATING



# TOO MANY TOOLS?



# NEWT



# THANK YOU

@rahulsom