

# HOW NETFLIX BUILDS CODE

Rahul Somasunderam

# WHAT DOES A TEAM LOOK LIKE?



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# **WHAT IS THE FULL CYCLE?**

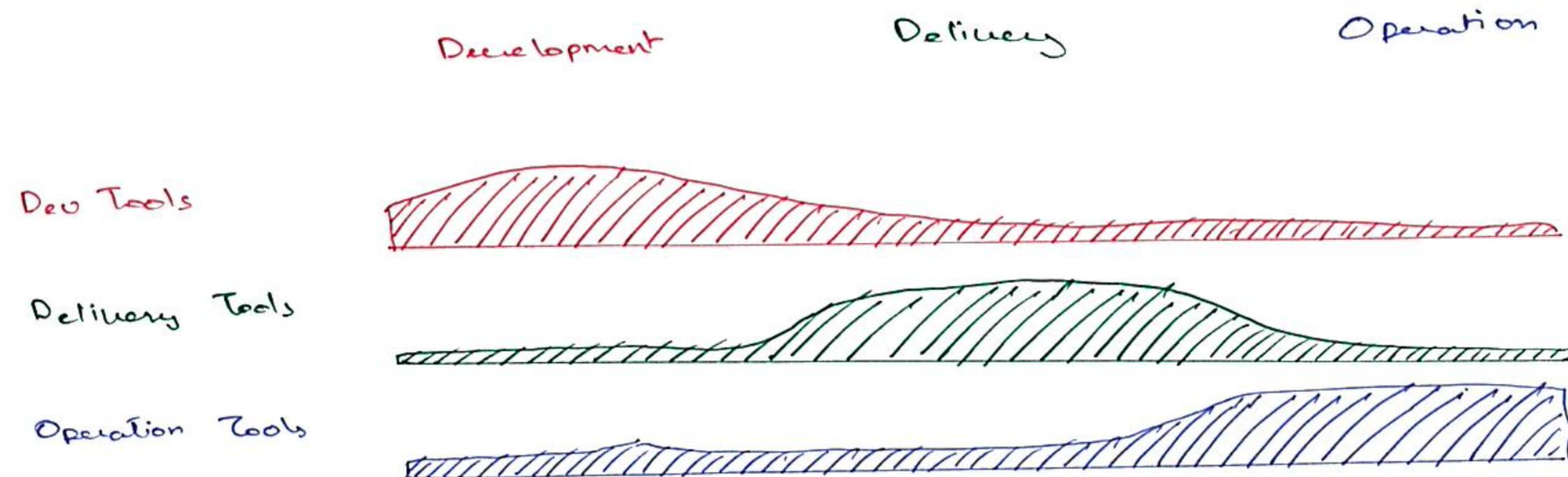
# WHAT IS SUPPORTED?



# 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

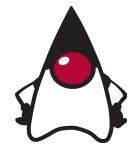


"UCI Worlds in Valkenburg, September 2012 THE TEAM TIME TRIAL" by sjrowe53 is licensed with CC BY-NC-ND 2.0.

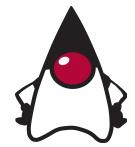
# WHAT WE SUPPORT

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

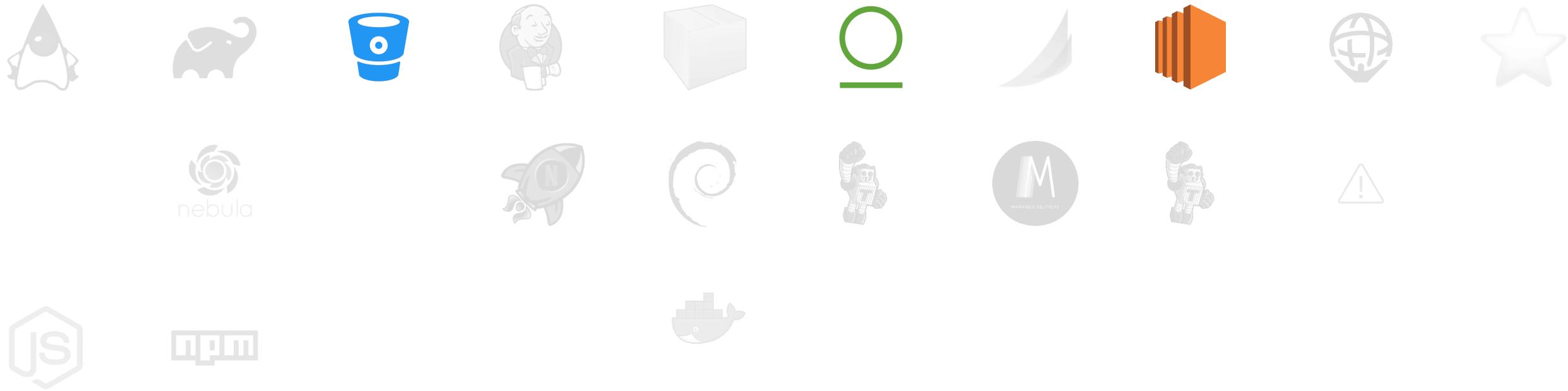
# WHAT ARE THE TOOLS LIKE



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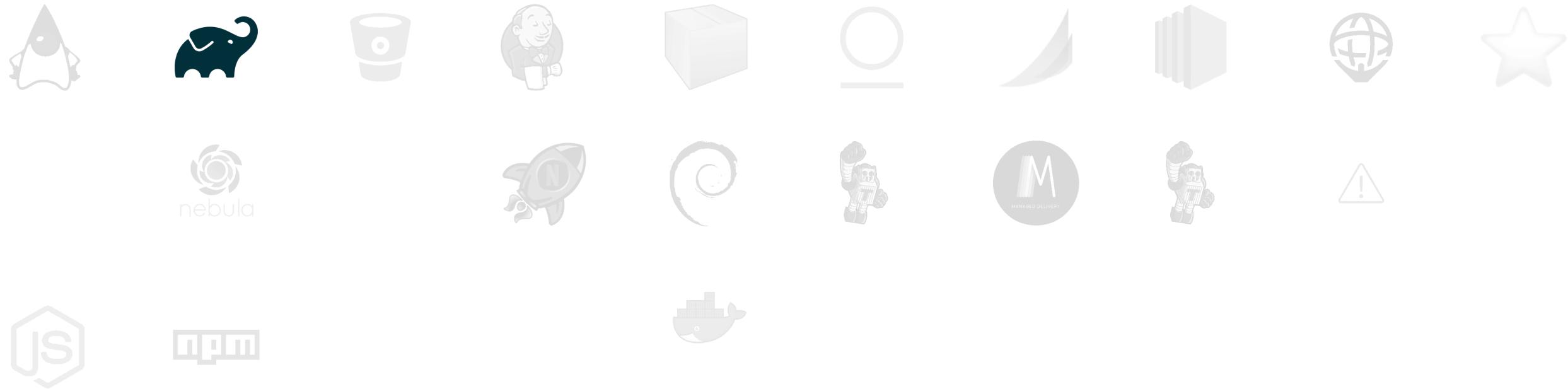
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# THE JAVA PATH

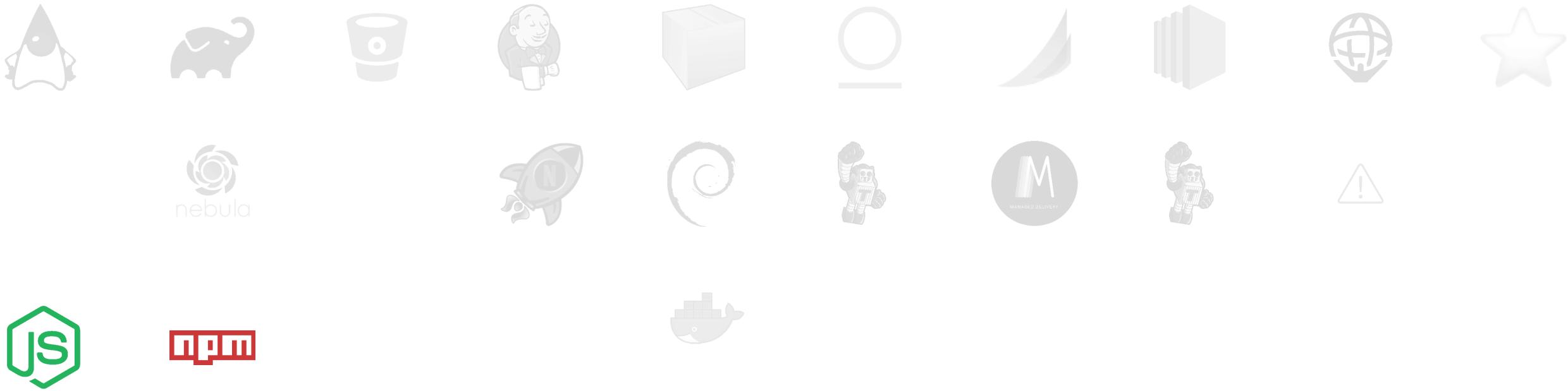


# THE JAVA PATH

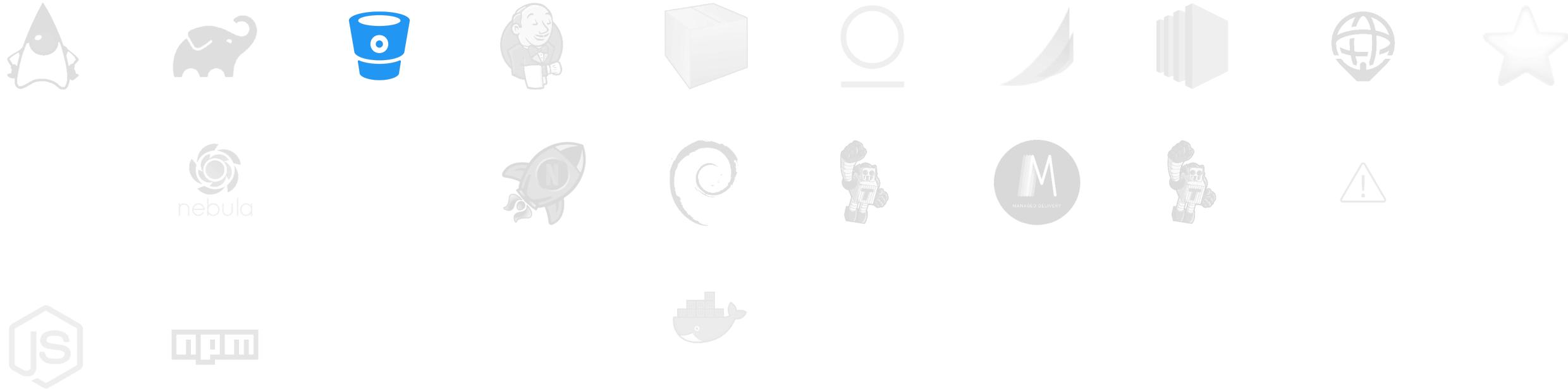


```
allprojects {  
    apply plugin: 'netflix.nebula'  
}
```

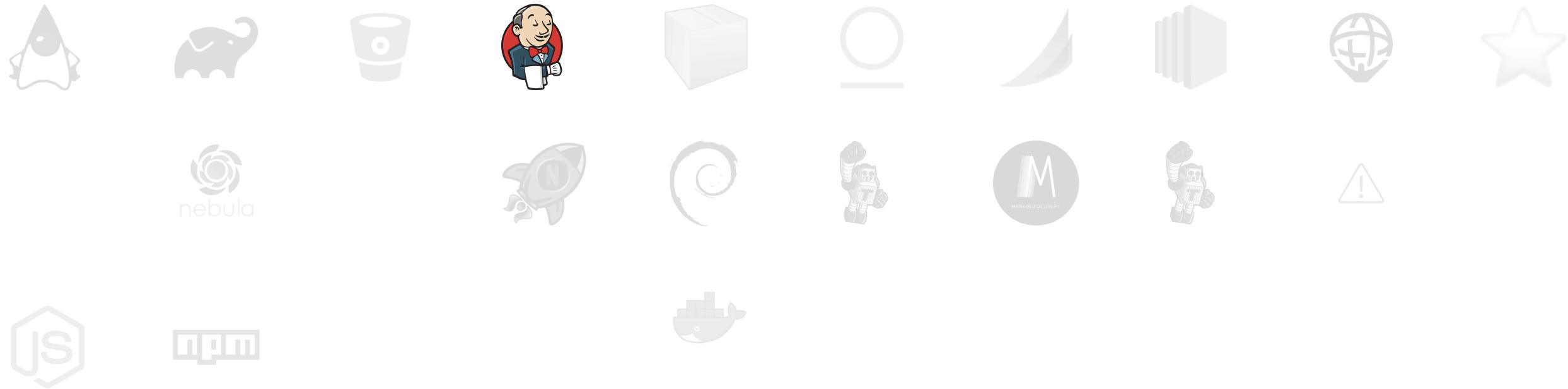
# THE NODE PATH



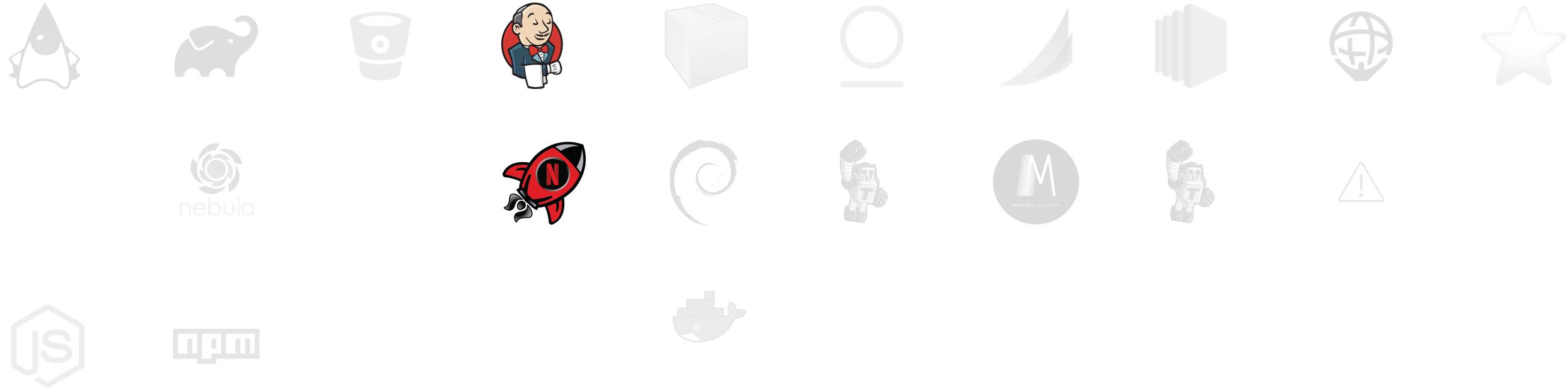
# VERSION CONTROL



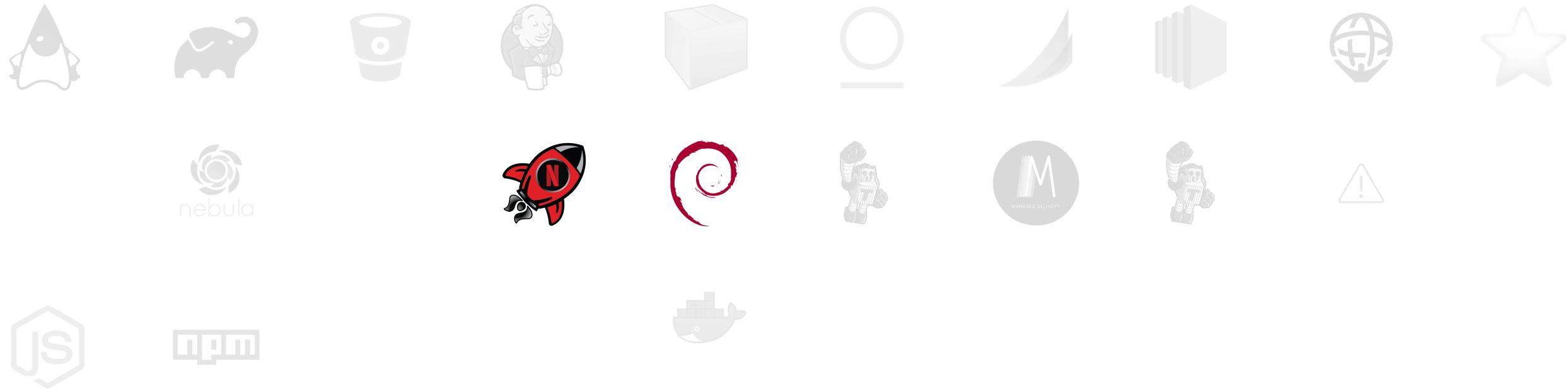
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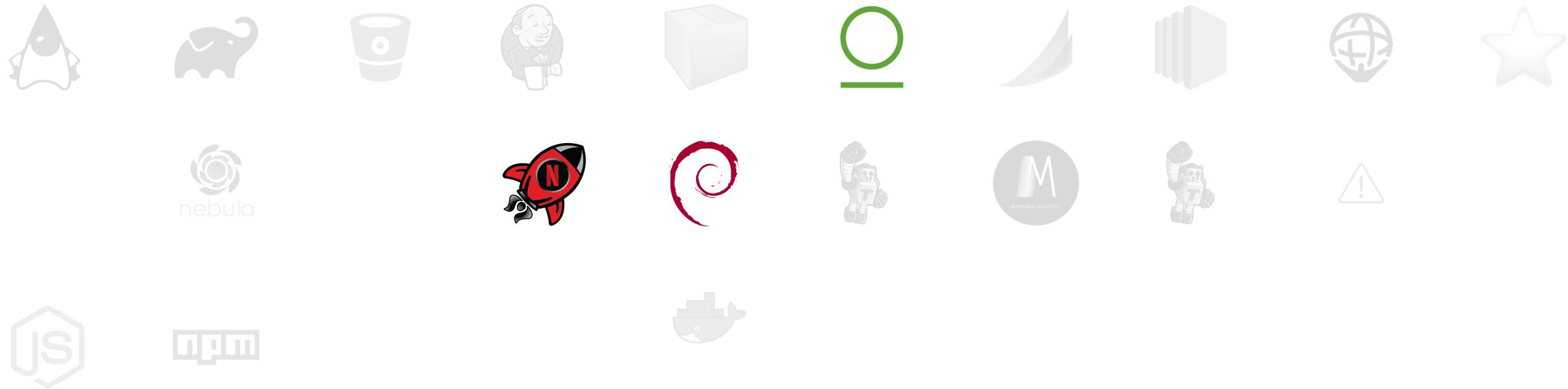
# THE CI PHASE



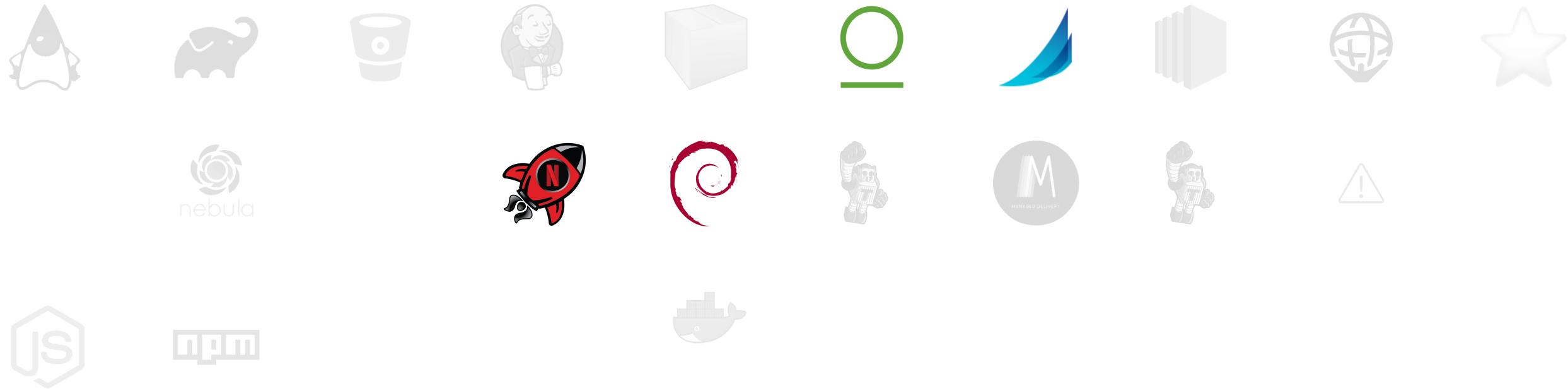
# THE CI PHASE



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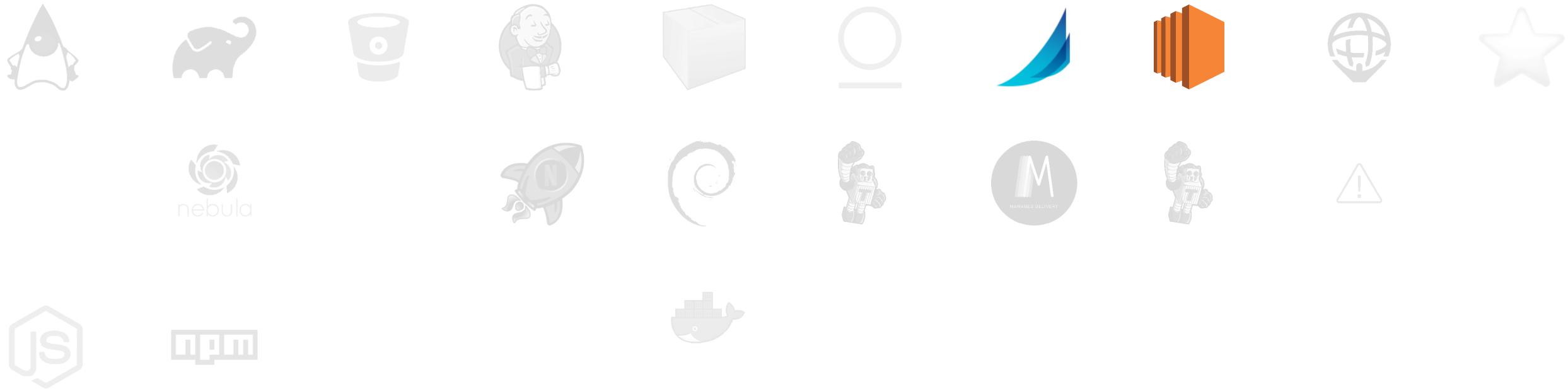
# THE CI PHASE



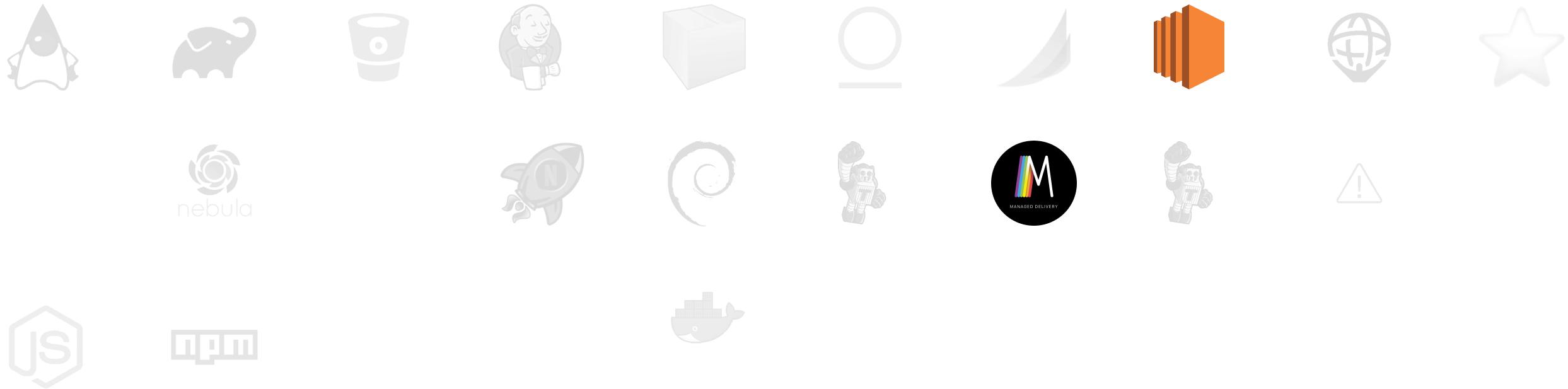
# MORE CI TASKS



# THE CD PHASE



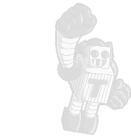
# THE CD PHASE



# OPERATING



# OPERATING



# TOO MANY TOOLS?



# NEWT



# THANK YOU

[jobs.netflix.com](https://jobs.netflix.com)