

HOW NETFLIX BUILDS CODE

Rahul Somasunderam

WHAT DOES A TEAM LOOK LIKE?



HOW DOES A NETFLIX TEAM LOOK LIKE?



WHAT IS THE FULL CYCLE?

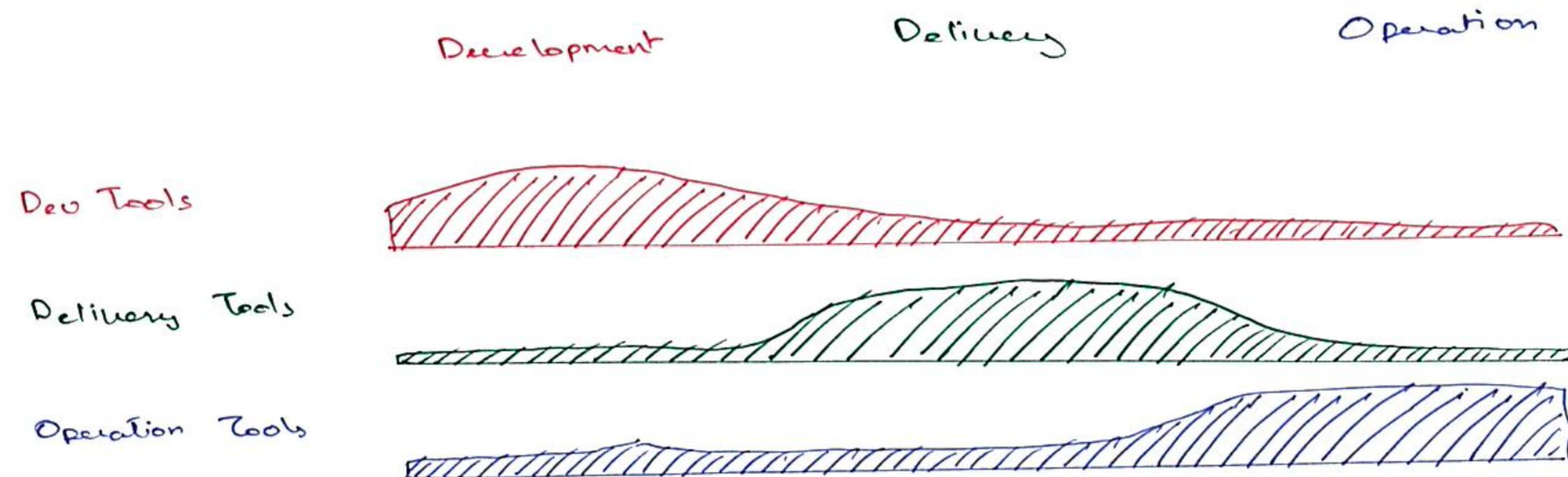
WHAT IS SUPPORTED?



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

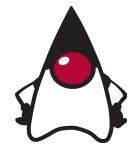


"UCI Worlds in Valkenburg, September 2012 THE TEAM TIME TRIAL" by sjrowe53 is licensed with CC BY-NC-ND 2.0.

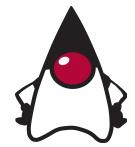
WHAT WE SUPPORT

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

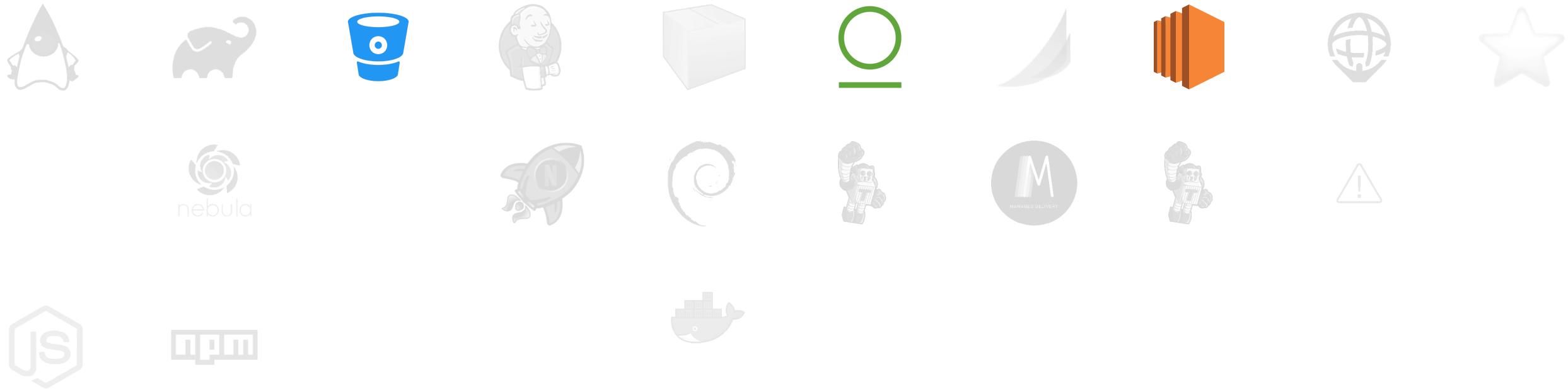
WHAT ARE THE TOOLS LIKE



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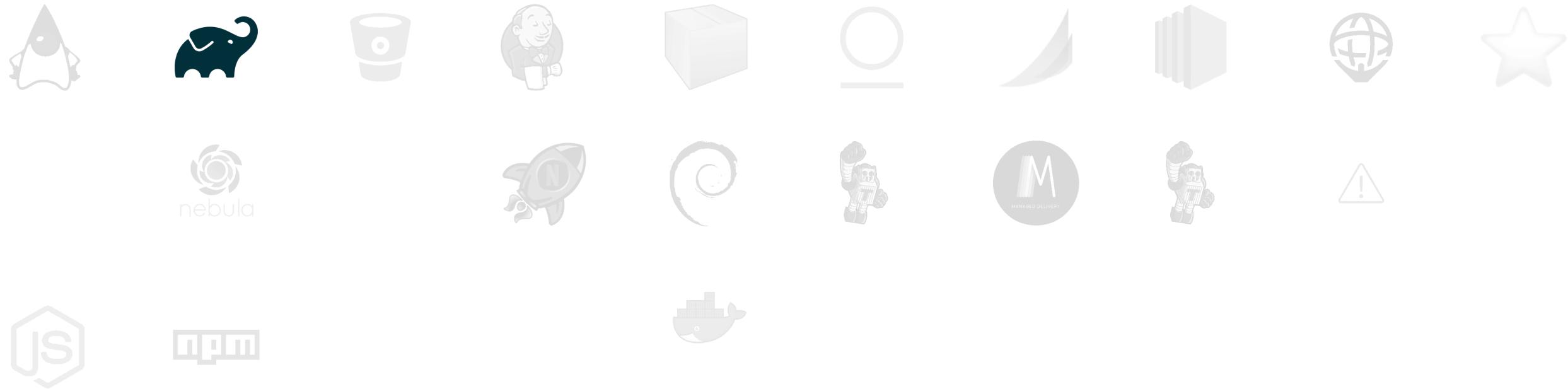
WHAT ARE THE TOOLS LIKE



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THE JAVA PATH

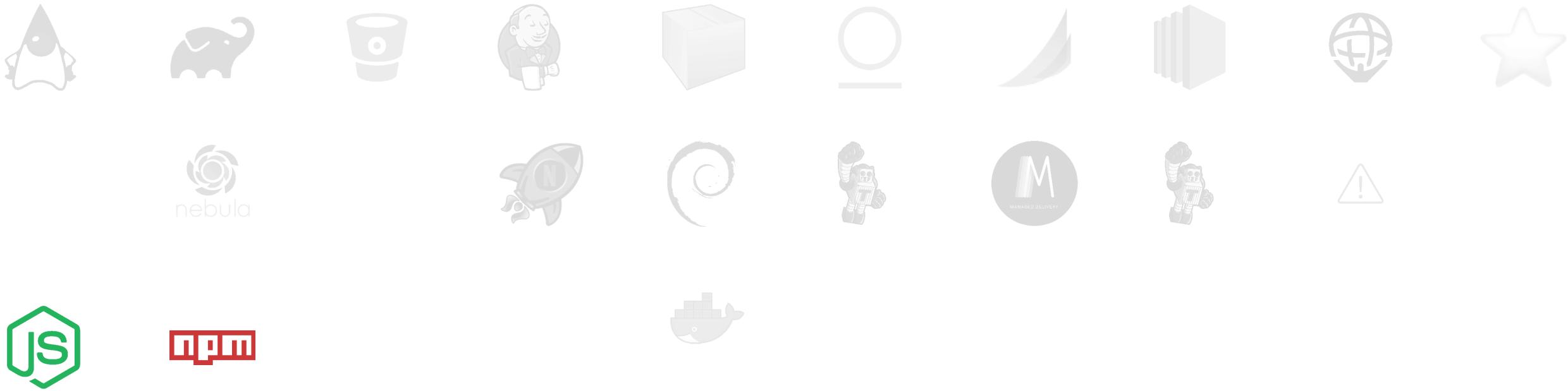


THE JAVA PATH

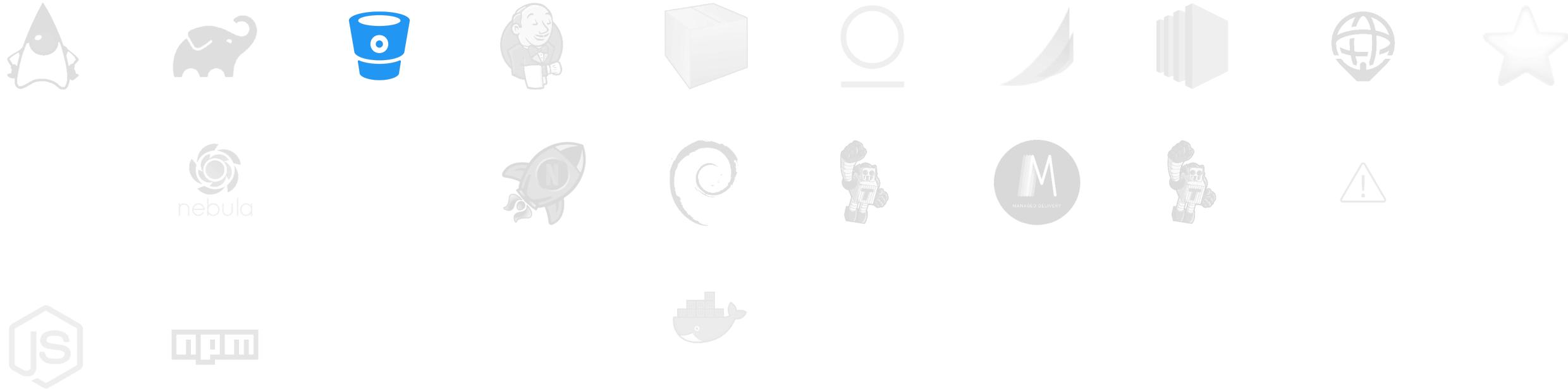


```
allprojects {  
    apply plugin: 'netflix.nebula'  
}
```

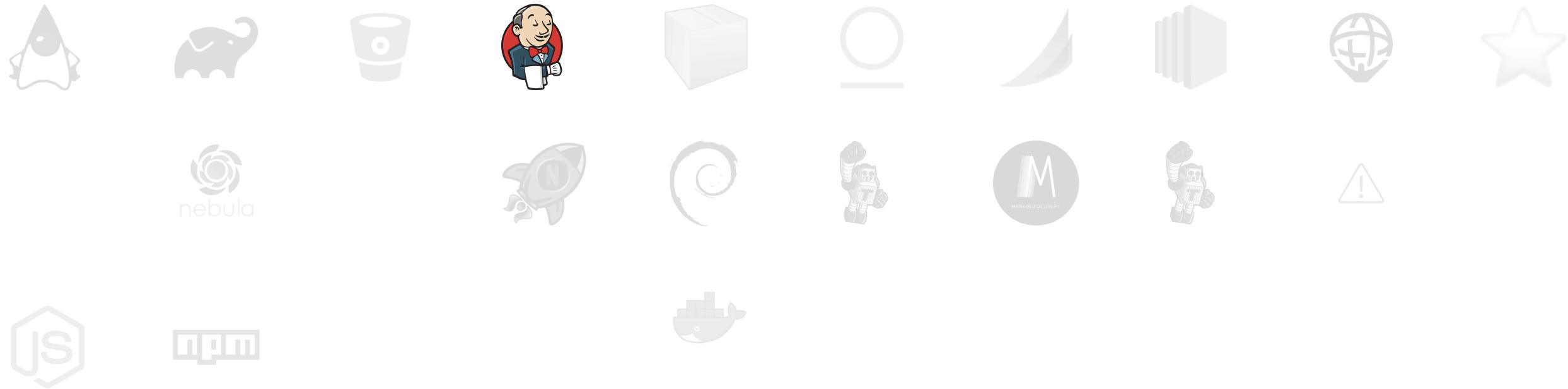
THE NODE PATH



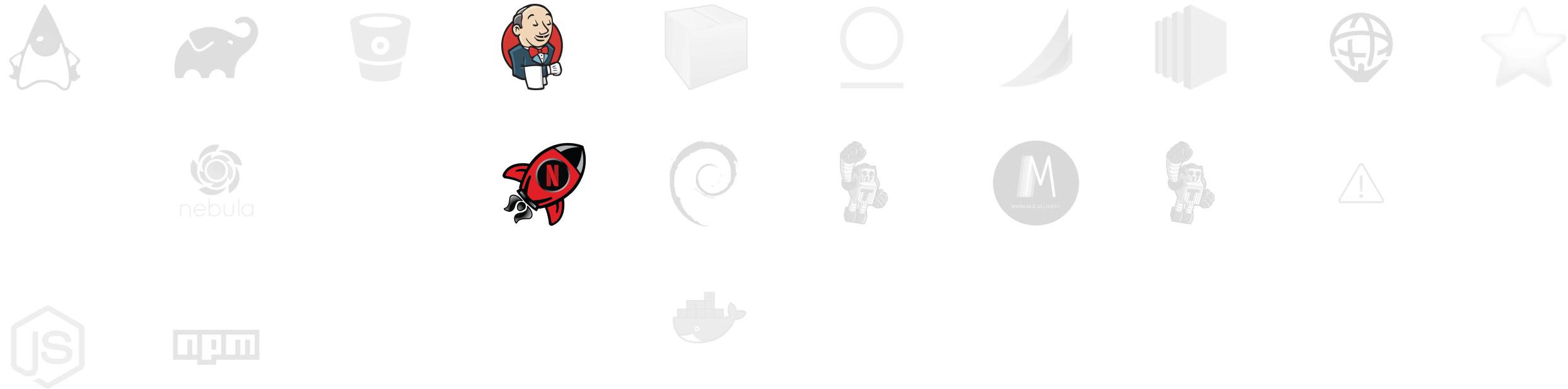
VERSION CONTROL



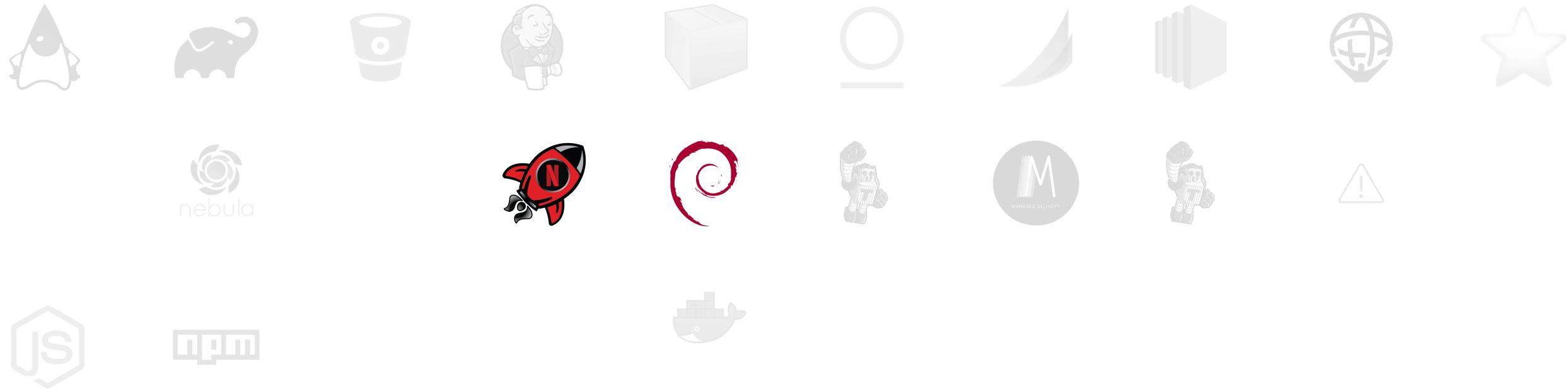
THE CI PHASE



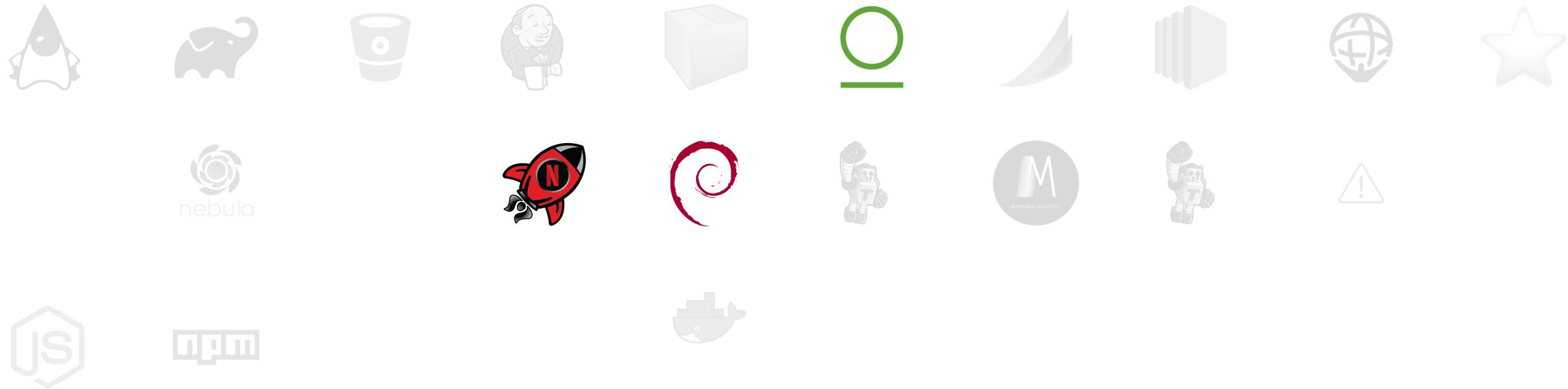
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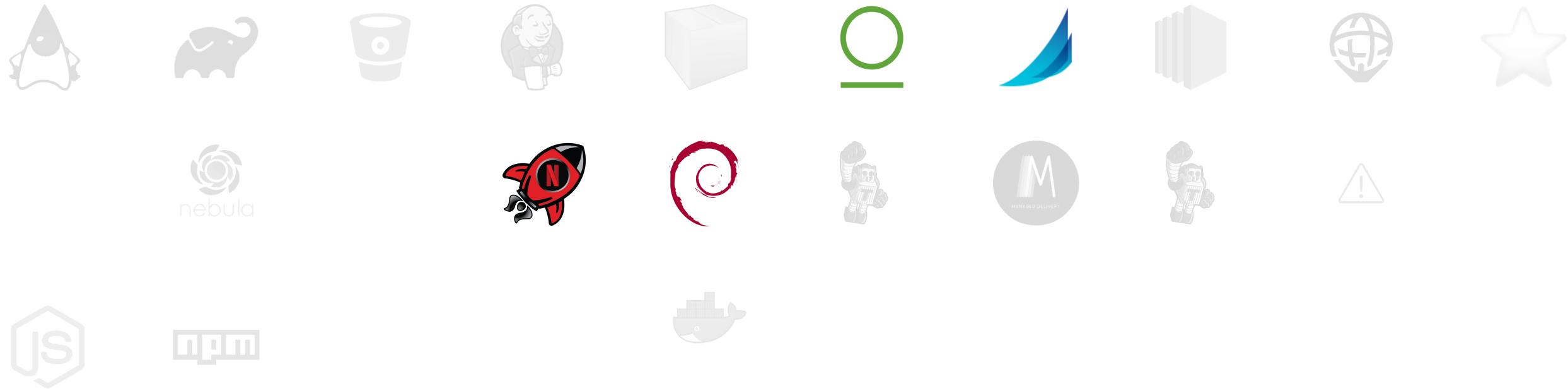
THE CI PHASE



THE CI PHASE



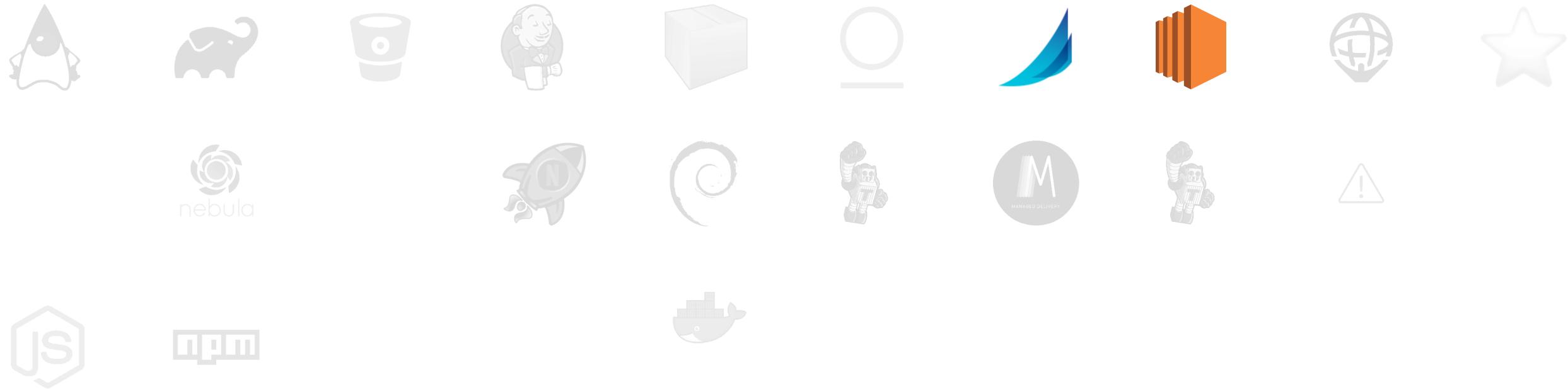
THE CI PHASE



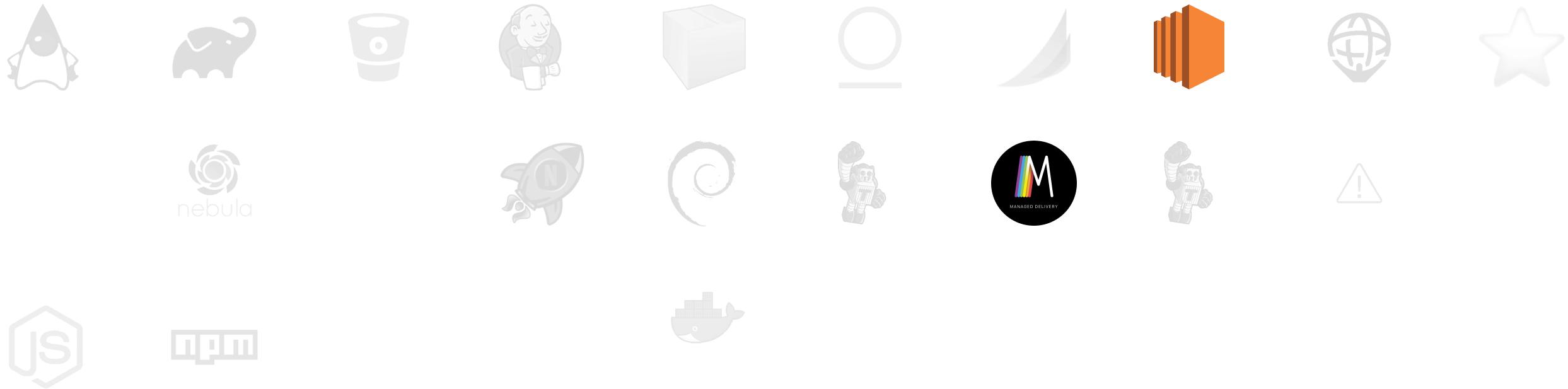
MORE CI TASKS



THE CD PHASE



THE CD PHASE



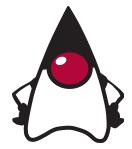
OPERATING



OPERATING



TOO MANY TOOLS?



NEWT



THANK YOU

@rahulsom