

HOW NETFLIX BUILDS CODE

Rahul Somasunderam

WHAT DOES A TEAM LOOK LIKE?

```
Failed to generate image: Could not find the 'vg2svg' executable
{
  "$schema": "https://vega.github.io/schema/vega/v5.json",
  "description": "A basic pie chart example.",
  "width": 200,
  "height": 200,
  "autosize": "none",

  "signals": [
    {
      "name": "startAngle", "value": 0,
      "bind": {"input": "range", "min": 0, "max": 6.29, "step"
    },
    {
      "name": "endAngle", "value": 6.29,
```

HOW DOES A NETFLIX TEAM LOOK LIKE?

```
Failed to generate image: no implicit conversion of nil into S
{
  "$schema": "https://vega.github.io/schema/vega/v5.json",
  "description": "A basic donut chart example.",
  "width": 200,
  "height": 200,
  "autosize": "none",

  "signals": [
    {
      "name": "startAngle", "value": 0,
      "bind": {"input": "range", "min": 0, "max": 6.29, "step"
    },
    {
      "name": "endAngle", "value": 6.29,
```

WHAT IS THE FULL CYCLE?

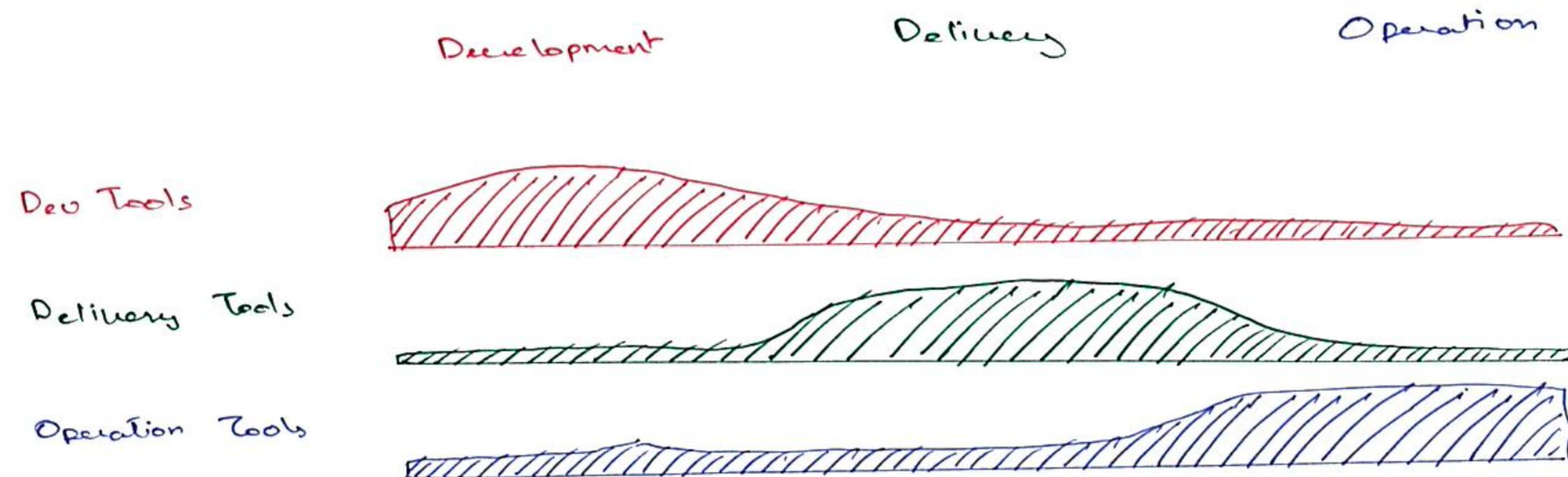
WHAT IS SUPPORTED?



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

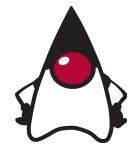


"UCI Worlds in Valkenburg, September 2012 THE TEAM TIME TRIAL" by sjrowe53 is licensed with CC BY-NC-ND 2.0.

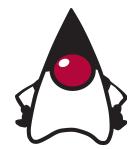
WHAT WE SUPPORT

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

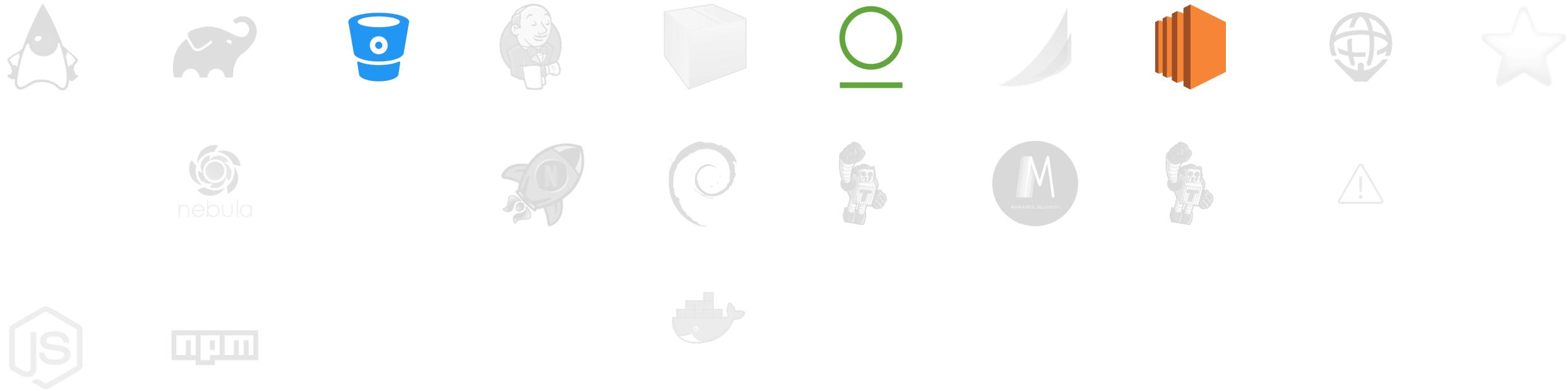
WHAT ARE THE TOOLS LIKE



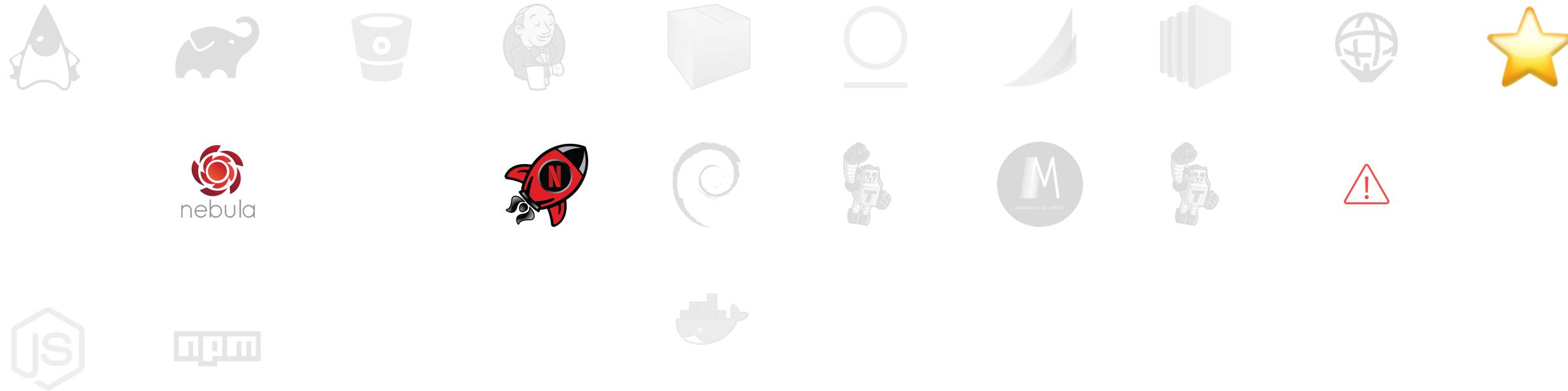
WHAT ARE THE TOOLS LIKE



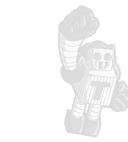
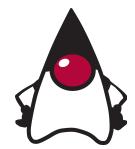
WHAT ARE THE TOOLS LIKE



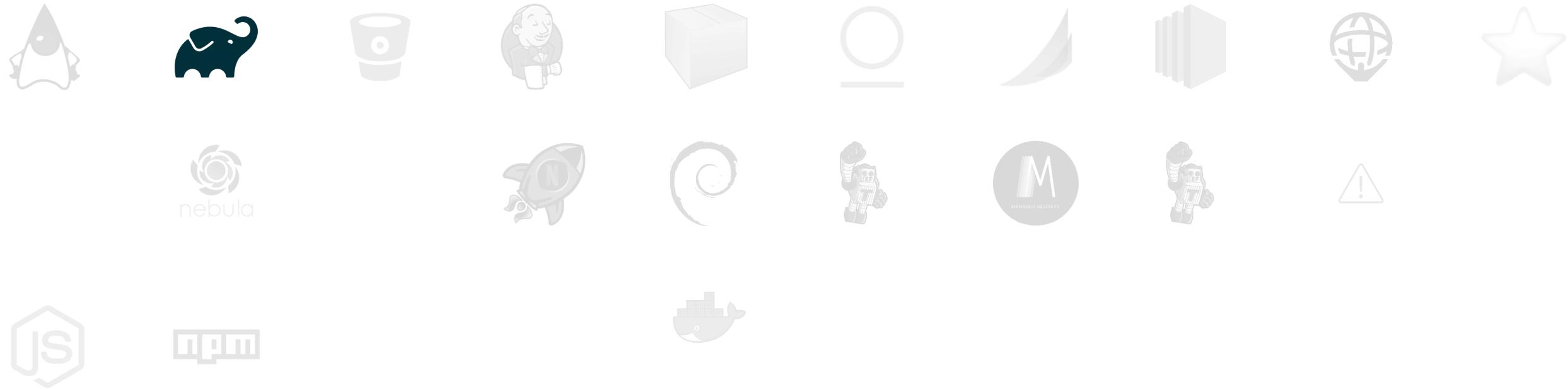
WHAT ARE THE TOOLS LIKE



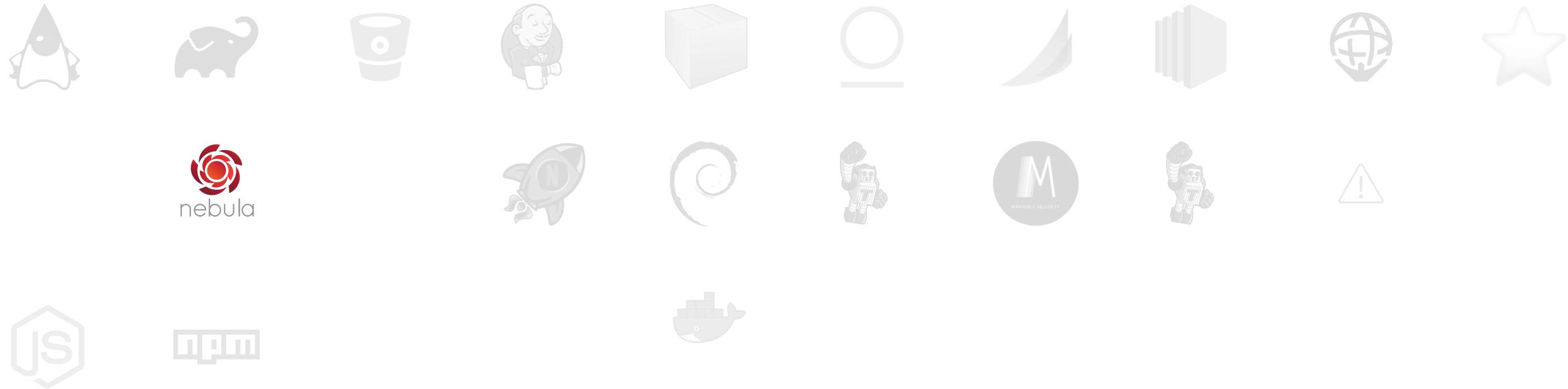
WHAT ARE THE TOOLS LIKE



THE JAVA PATH



THE JAVA PATH

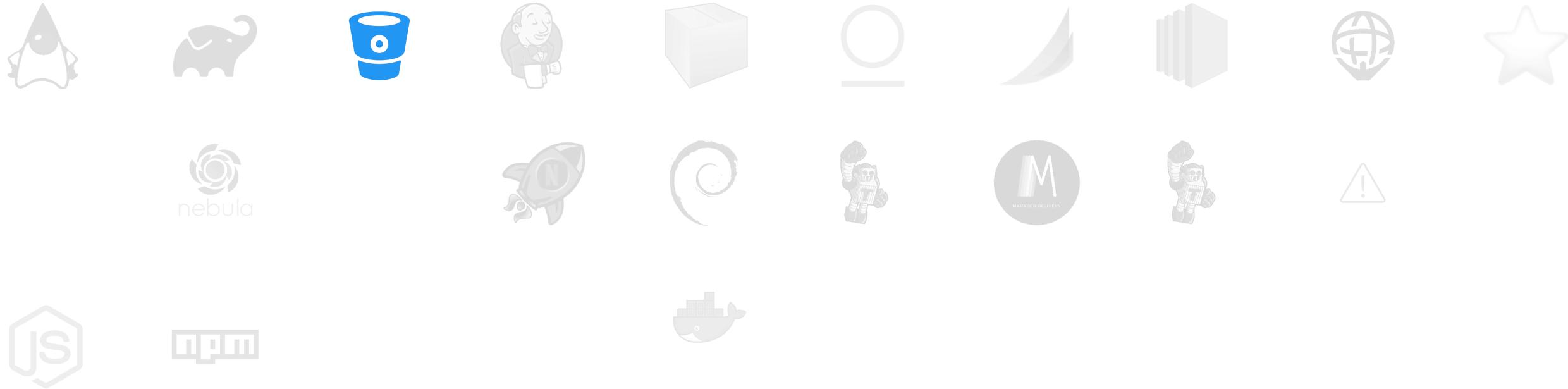


```
allprojects {  
    apply plugin: 'netflix.nebula'  
}
```

THE NODE PATH

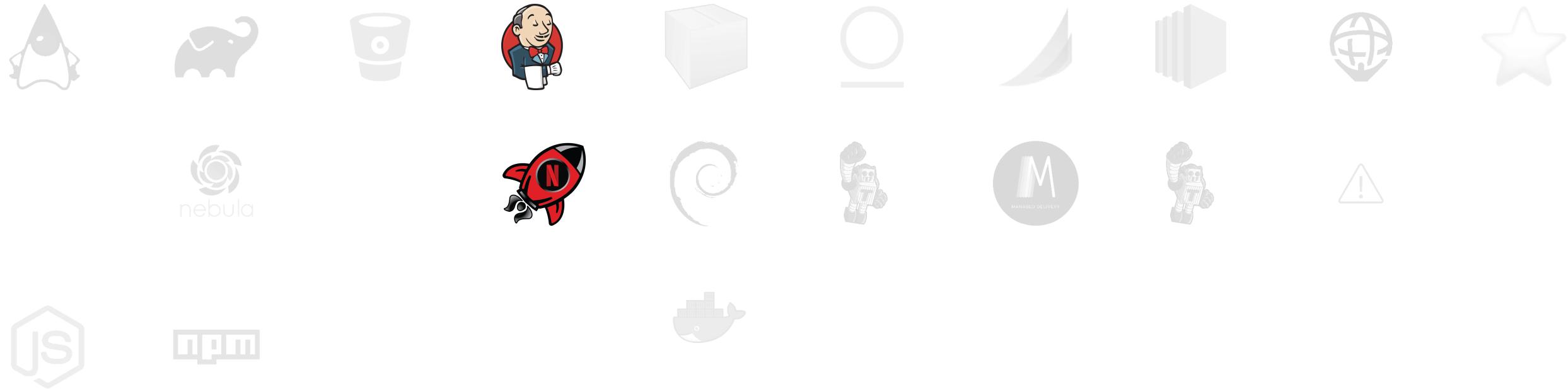


VERSION CONTROL

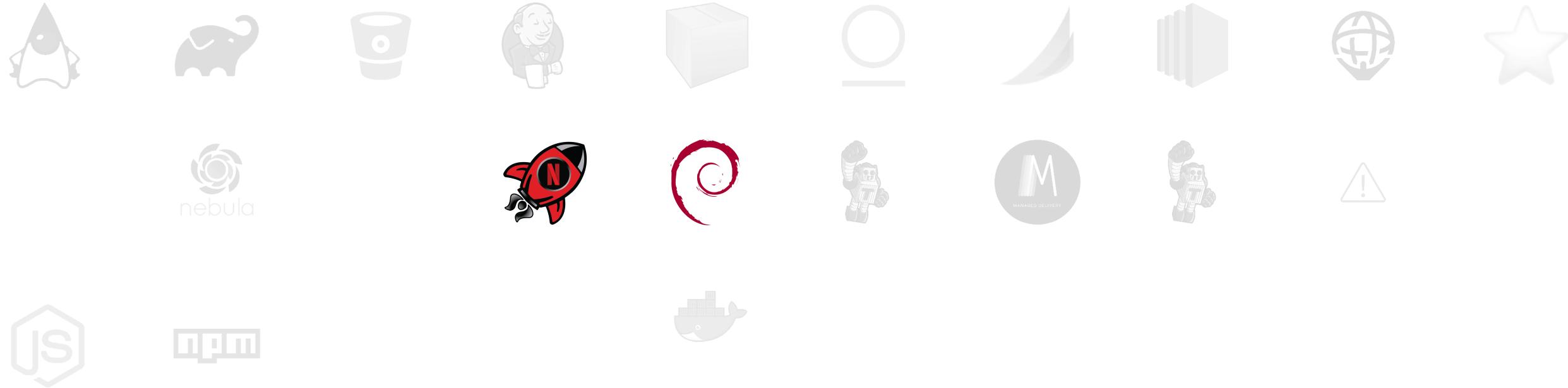


THE CIPHASE

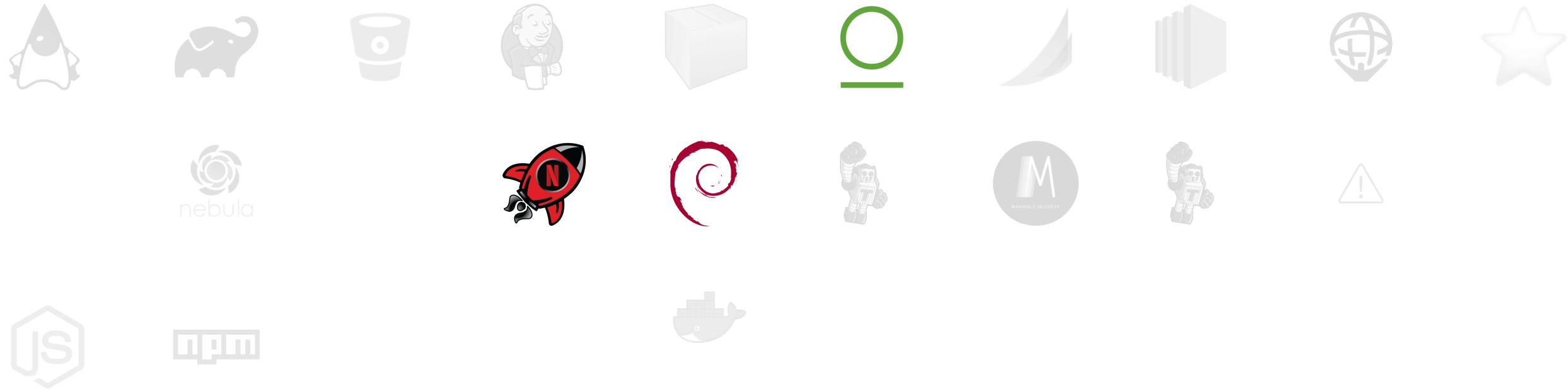
THE CI PHASE



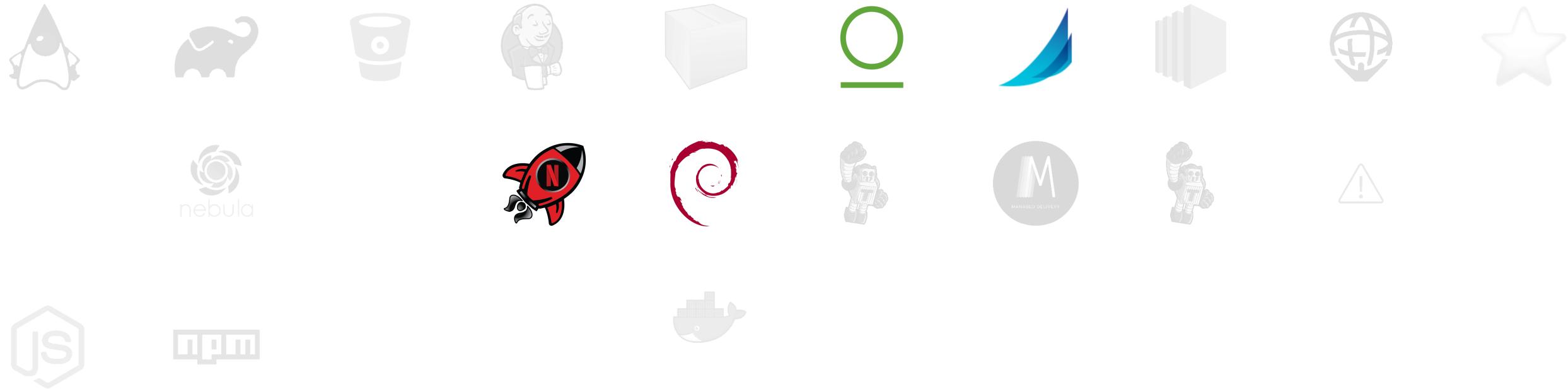
THE CI PHASE



THE CI PHASE



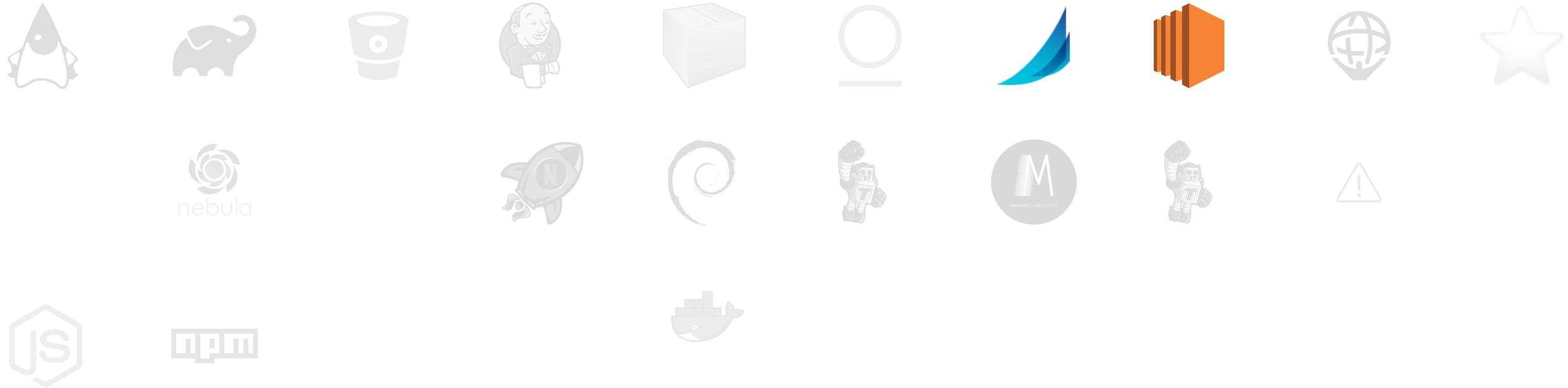
THE CI PHASE



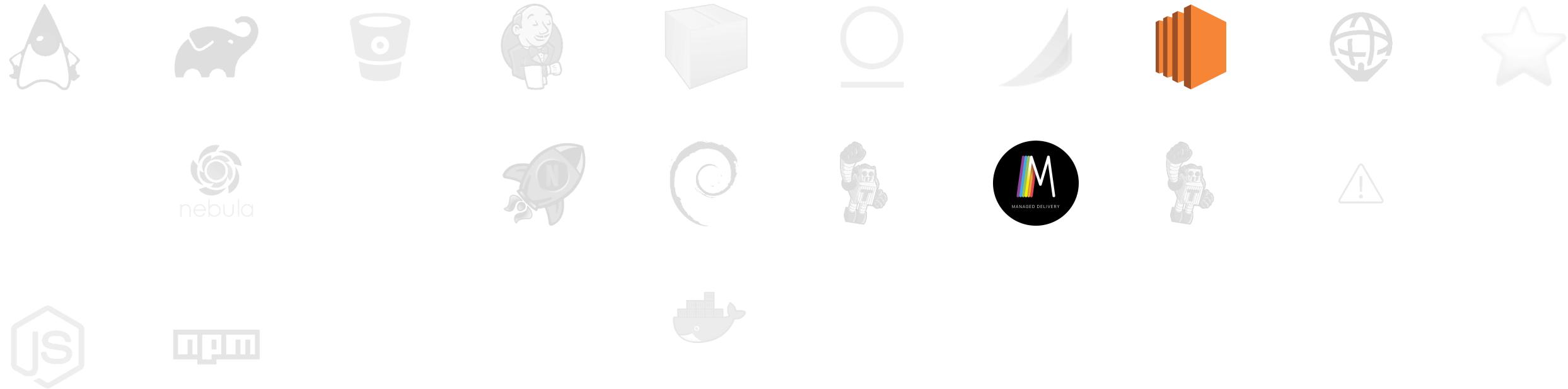
MORE CI TASKS



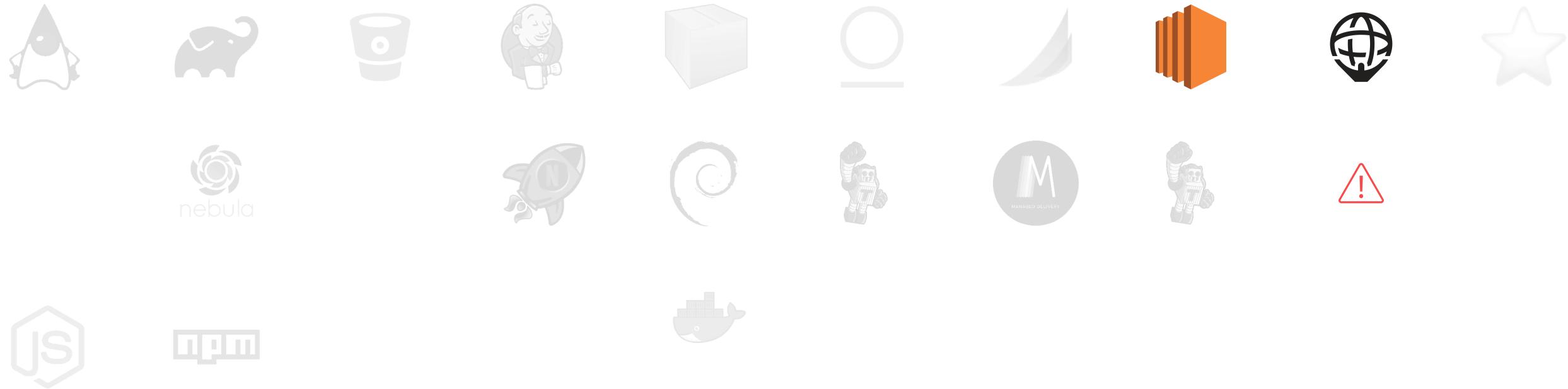
THE CD PHASE



THE CD PHASE



OPERATING



OPERATING



TOO MANY TOOLS?



NEWT



THANK YOU

jobs.netflix.com