



## MAX OGDEN

I love making developer's lives easier.

### JAN LEHNARDT

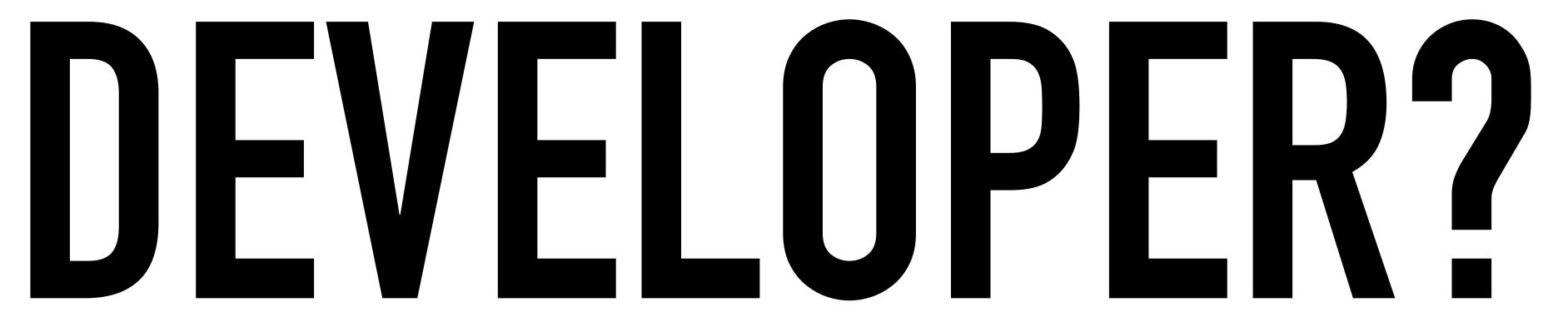
I love making developer's lives easier.













# DECIDER?

Product Manager with a budget, VP of Engineering, CTO...

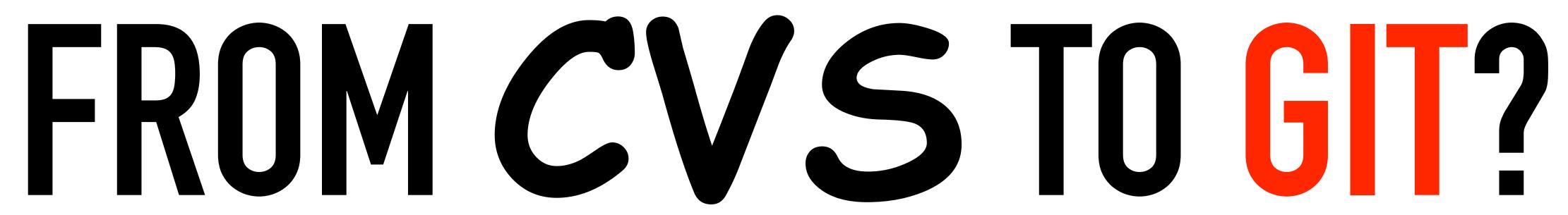
## WHO HERE **REMEMBERS GOING**



FROM SVN TO GIT?



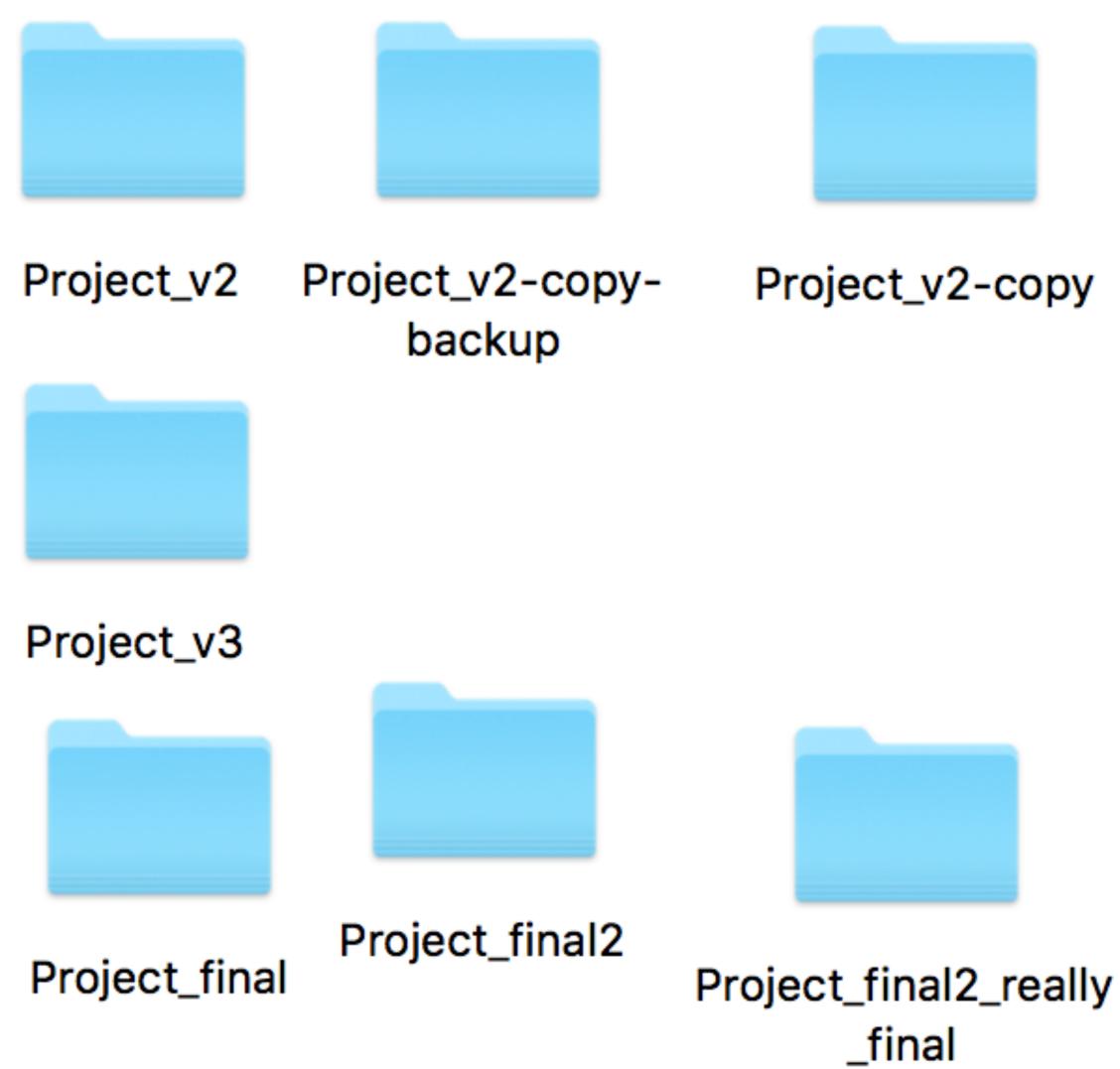




## OR FROM VERSIONED, FOLDERS



### Project\_v1



## WHO HERE REMEMBERS GOING FROM A SPINNING HARD DRIVETOAN SSD?











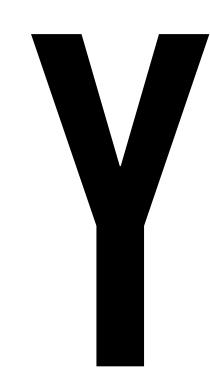




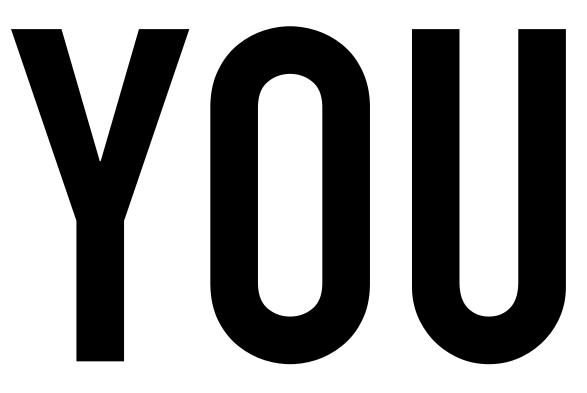












## THAT YOU CAN ACHIEVE A SIMILAR JUMP IN **PRODUCTIVITY WITH TWO** SIMPLE TOOLS AND A TINY ADJUSTMENT TO YOUR

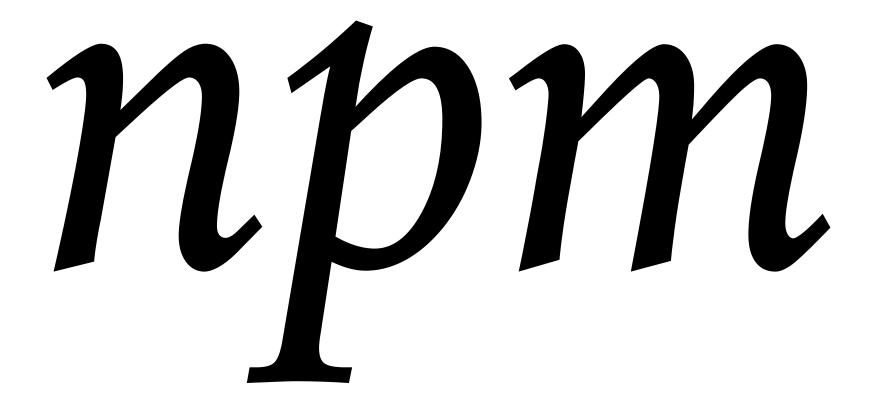


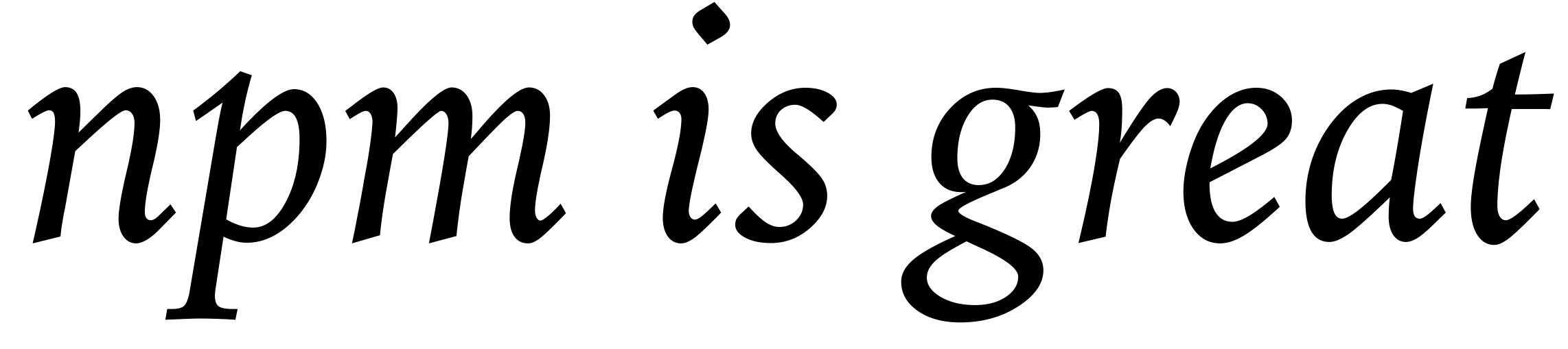


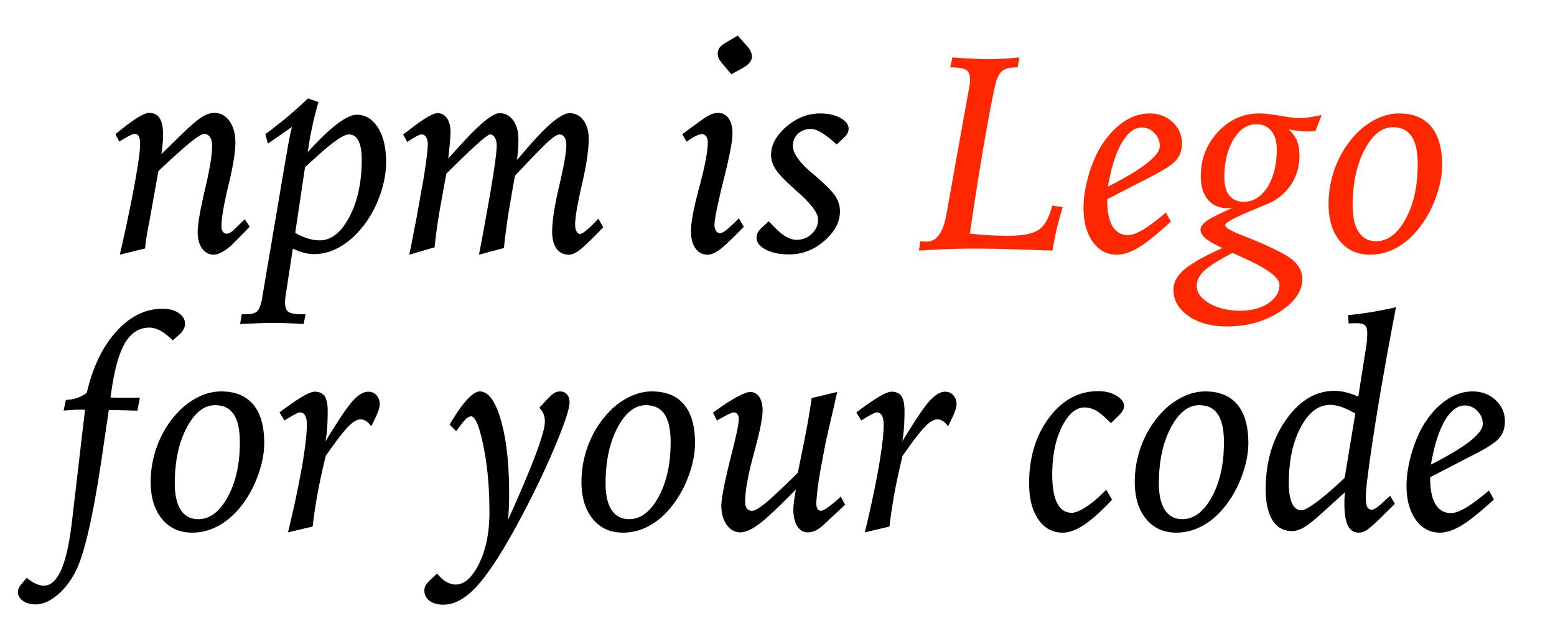
### SNAKE OIL

fur Nermannens fur Denst Stemach fur Duitsleg Dane

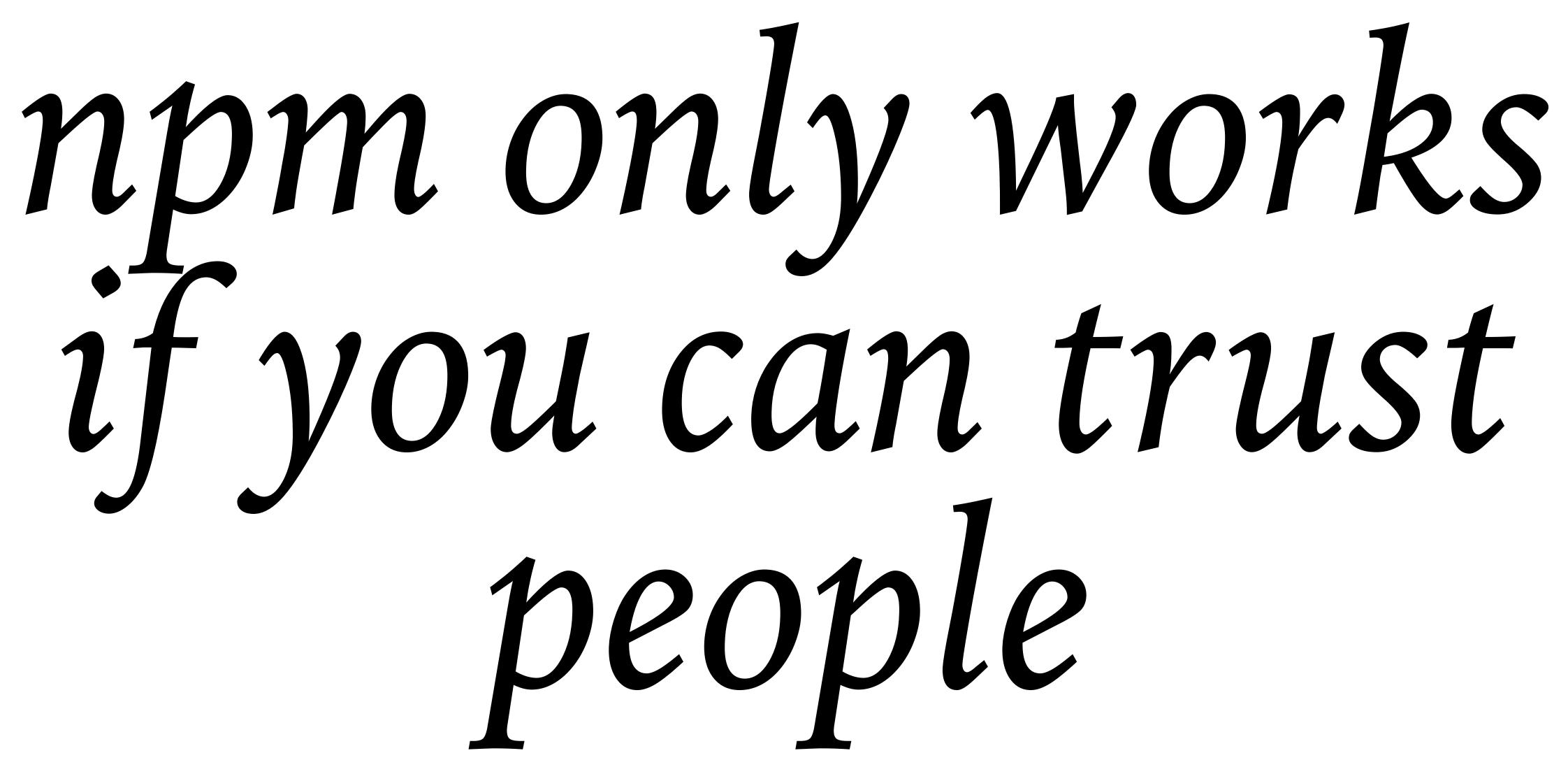












# because code changes...

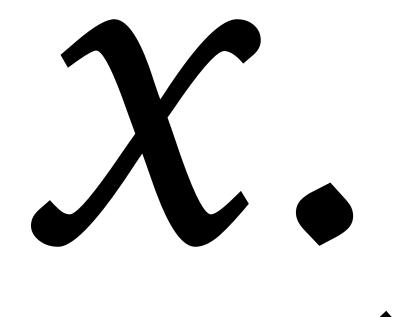
# "npm is a bet on semantic versioning"

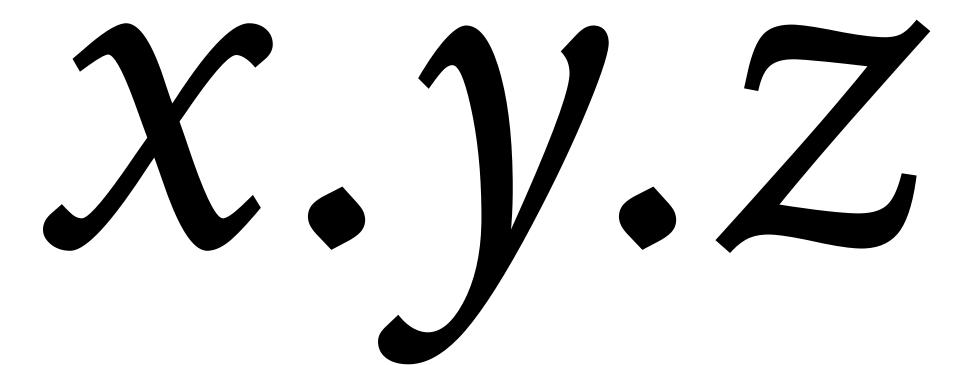
### — Isaac Schlueter, npm CEO

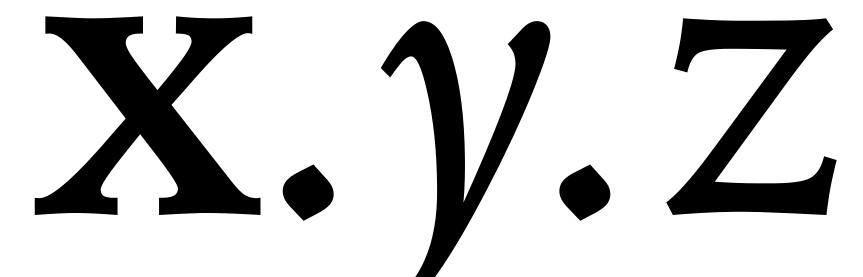


## What is semantic versioning / semver?

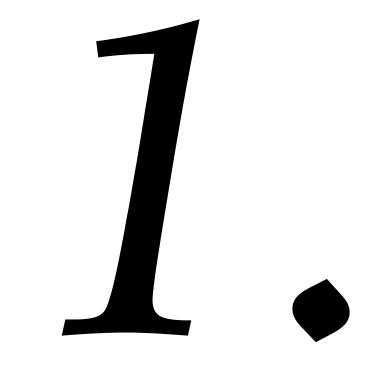




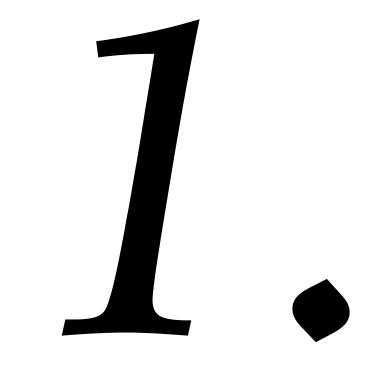


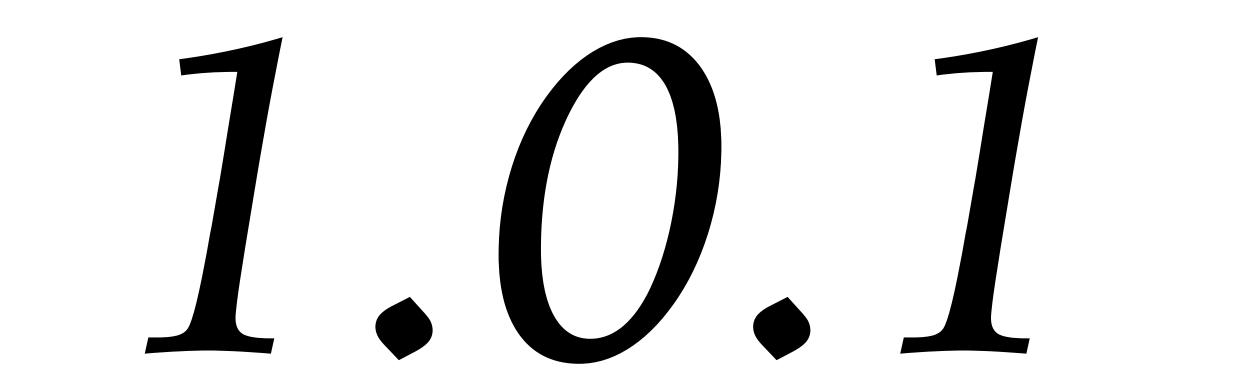


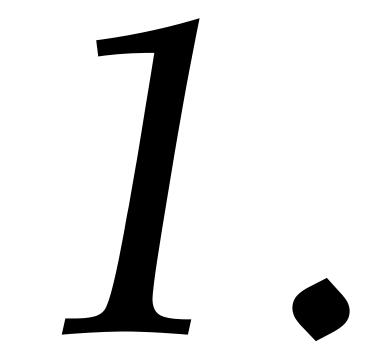


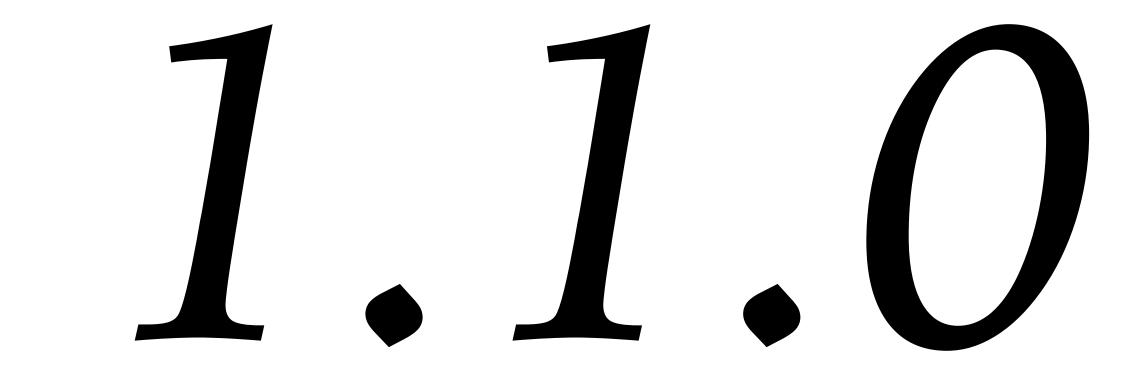


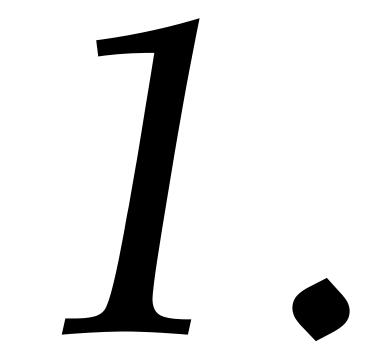


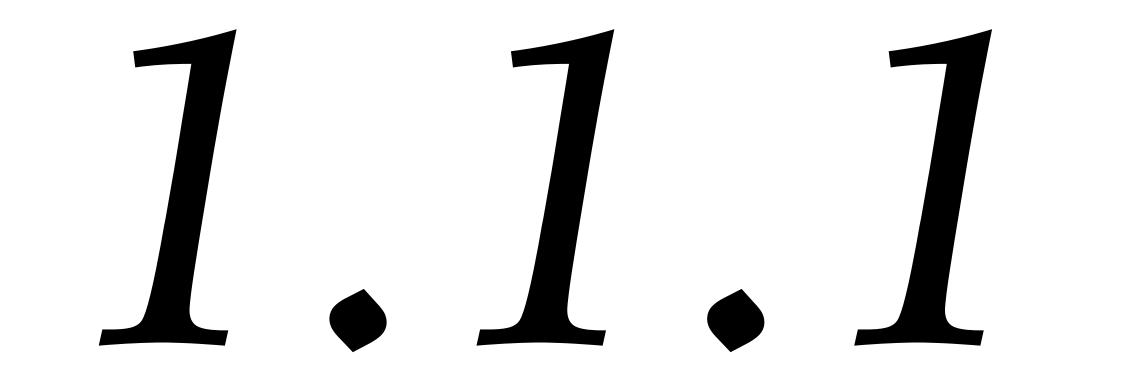


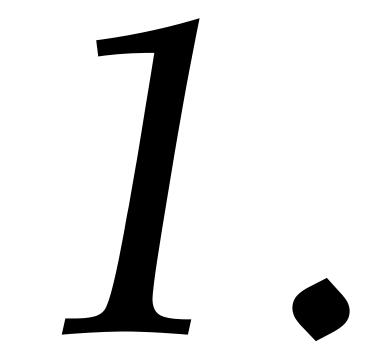


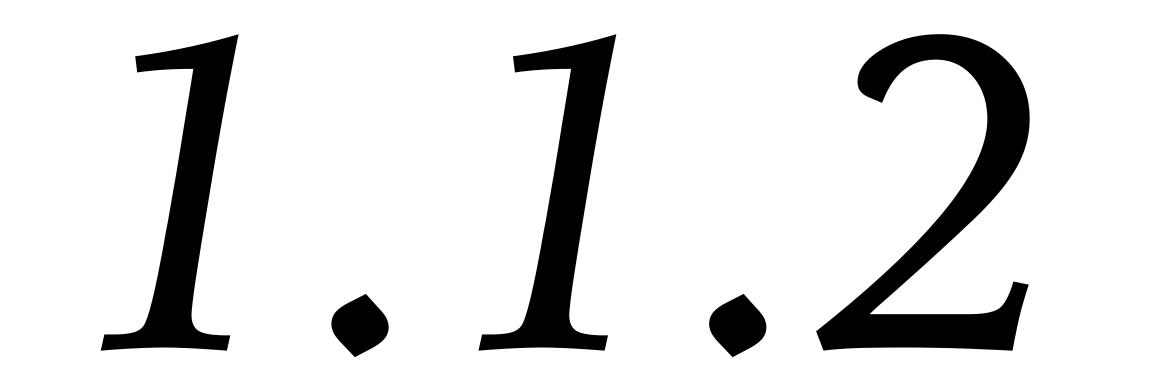


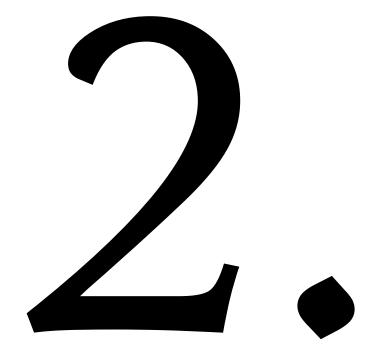










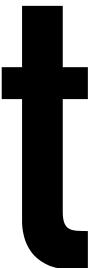




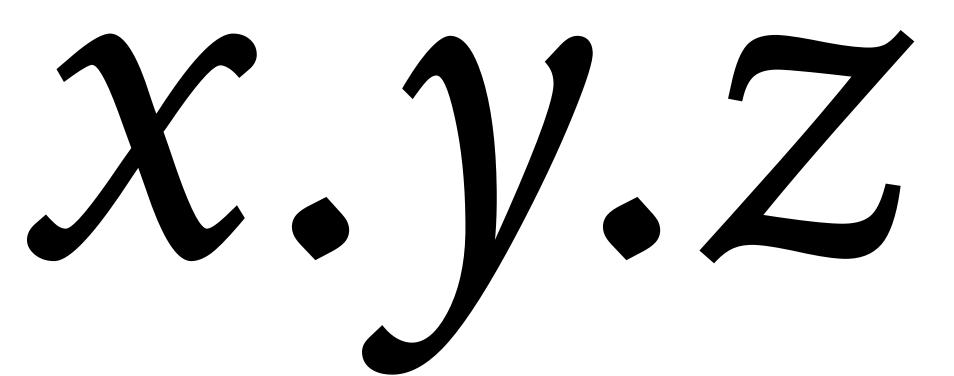
## Version numbers are for computers, release names are for humans.

# Hauptversionsnumm ernerhöhungsangst









# semver requires trust



Horse ebooks @Horse\_ebooks

### Unfortunately, as you probably already know, people

LIKES RETWEETS 7,400 5,702



9:41 AM - 25 Jul 2012







Horse ebooks @Horse\_ebooks

# people

LIKES RETWEETS 7,400 5,702

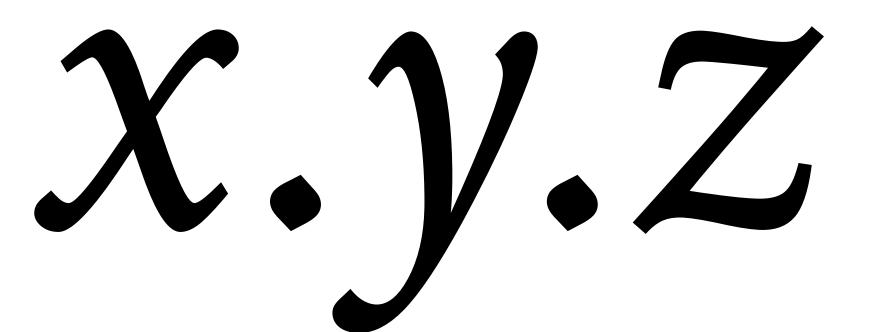


9:41 AM - 25 Jul 2012



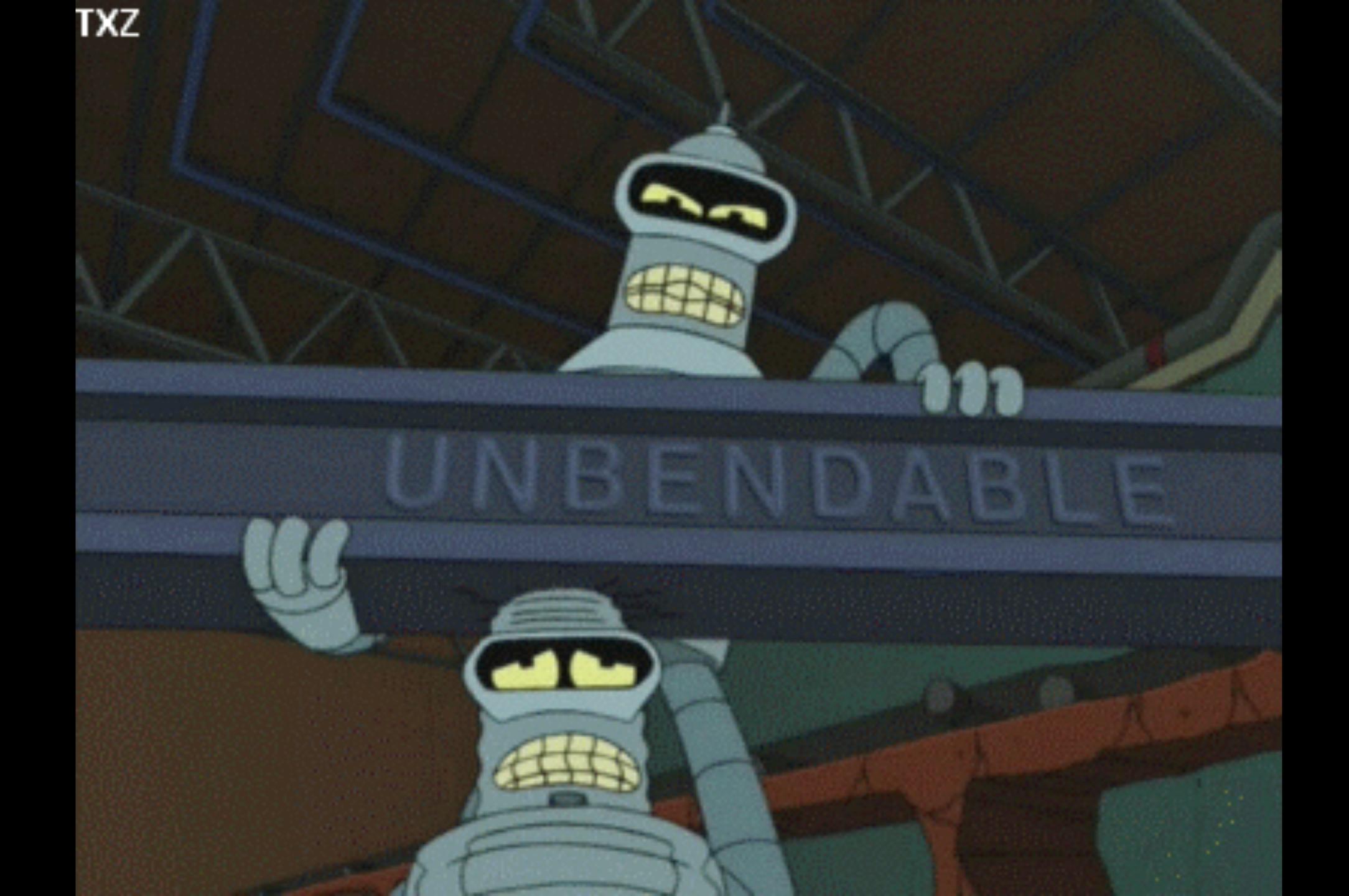


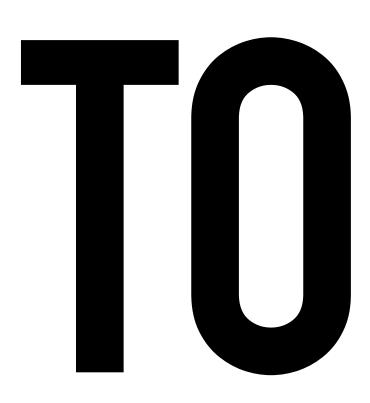




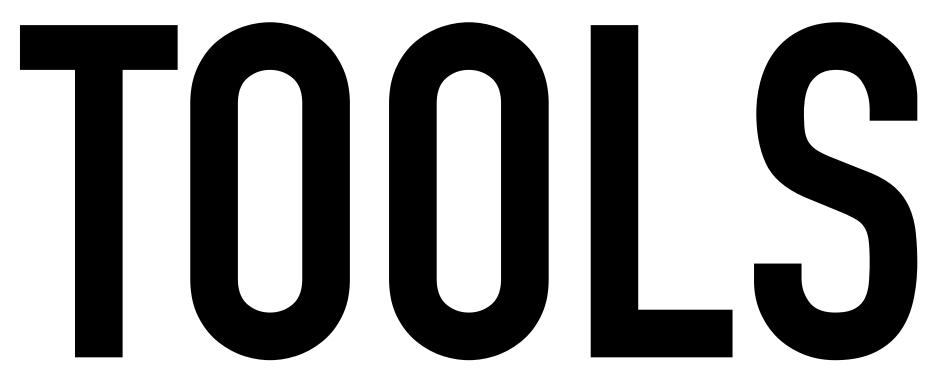
### we can't even trust ourselves





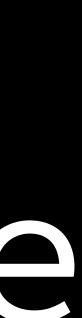








# \$ npm install --save



# \$ npm publish

# Did we git tag that correctly?

### Did we git tag that correctly? Did we git push --

### Did we git tag that correctly? Did we git push --tags? Did we commit our package.json?



Did we git tag that correctly? Did we git push --tags? Did we commit our package.json? Did we pick the right version number?

Did we git tag that correctly? Did we git push --tags? Did we commit our package.json? Did we pick the right version number? Did we write a ChangeLog?



### Enter semantic-release

# \$ npm install -g semantic-release-cli

# \$ semantic-releasecli setup



\$ git commit -m one error

# 'fix: catch off-by-

### \$ git commit -m 'fix: catch off-by-one error'

support > 1000 items'

# \$ git commit -m 'feat:



error'

items'

\$ git commit -am 'fix: better error understand the new error format'

### \$ git commit -am 'fix: catch off-by-one

### \$ git commit -am 'feat: support > 1000

# handling\n BREAKING CHANGE: clients must





\$ git commit -am 'fix: catch off-by-one error'

\$ git commit -am 'feat: support > 1000 items'

\$ git commit -am 'fix: better error handling \n BREAKING CHANGE: clients must understand the new error format'

### \$ git push







### \$ git commit -am 'fix: catch off-by-one error'

### mit -am 'feat: s pport > 1000 items' S C Oľ \$ git commit am fil: better error hadling \n BREALING CAME: Jients mist under tand new error format' the

### \$ git push





### Latest release

🟷 v21.0.1 -**o-** c2ac00a

### v21.0.1

1 hoodiebot released this a day ago

### 21.0.1 (2016-05-09)

### Bug Fixes

• package: update inert to version 4.0.0 (#479) (c2ac00a5)

### **Downloads**

Source code (zip)

Source code (tar.gz)

v21.0.0

1 hoodiebot released this 3 days ago

### 21.0.0 (2016-05-07)

### Breaking Changes

 No breaking change intended, but possible due to major refactoring, see #475

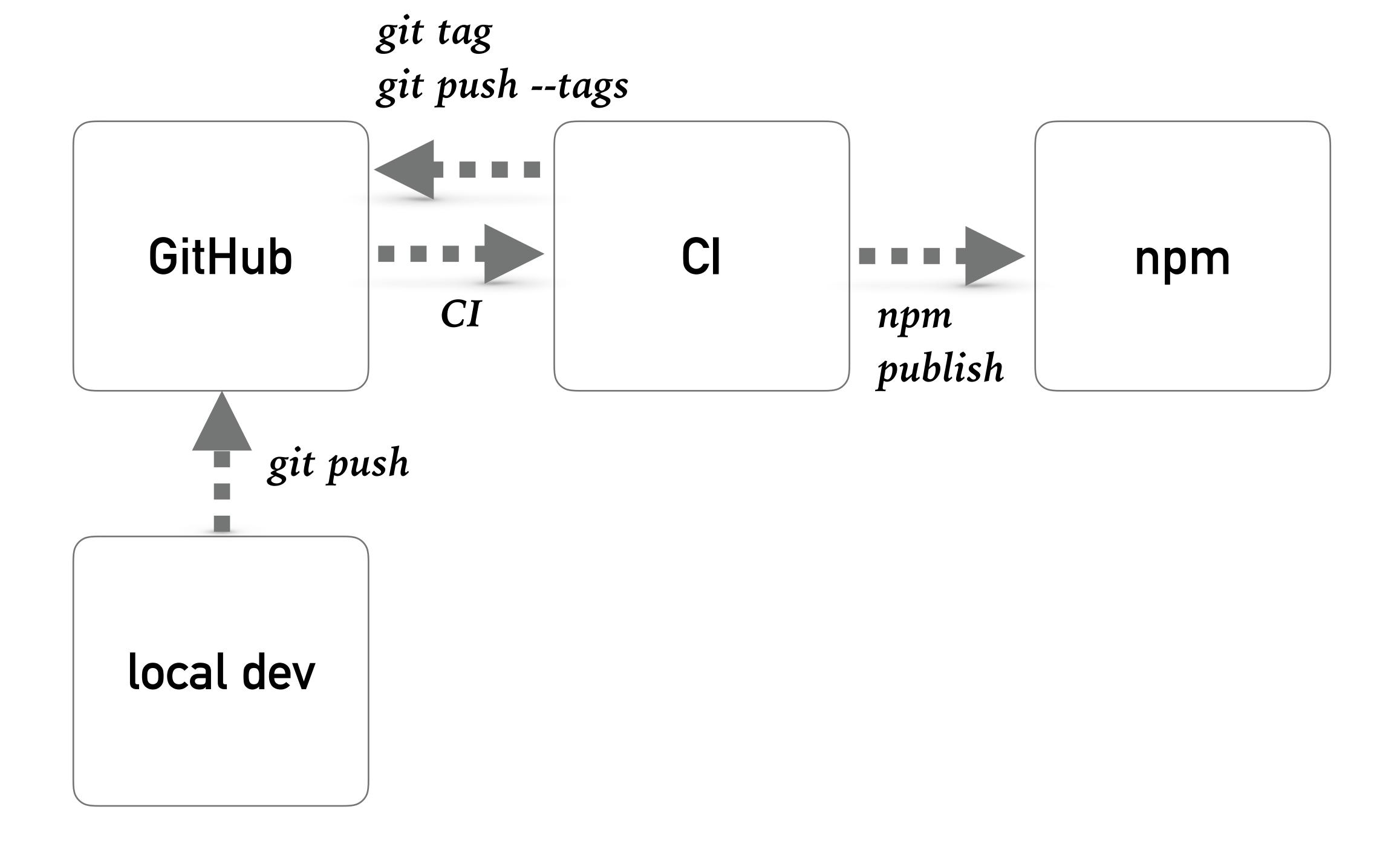
(041b4630)

### Downloads

Source code (zip)

🛇 v21.0.0 -o- f3bb199

Edit



### Custom commit message parsers

Release constraints:

- breaking change detection (run previous test suite on new version, or type checker if you use Elm or TypeScript)

### - once per day, once per week, after 10 commits, etc.











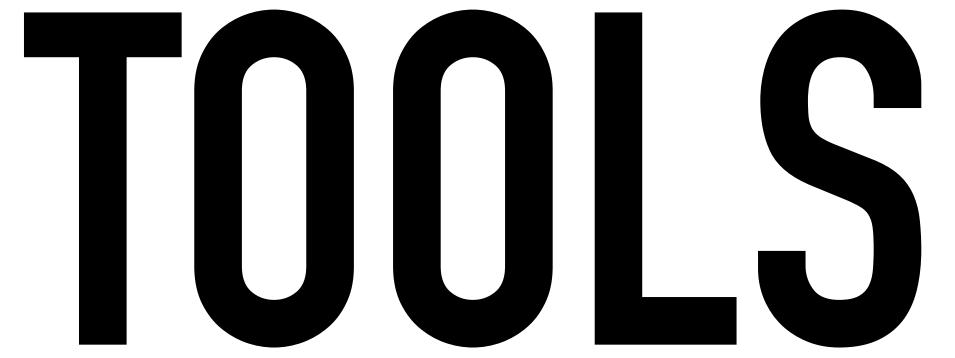
# **BECAUSE BUGFIXES** & SECURITY UPDATES



••},¬ • "dependencies": {¬ "@hoodie/server-account-node-sessions": "^1.0.0", " ••••"async":•"^1.5.2",¬ ••••"good":•"^6.4.0",¬ ••••"good-squeeze":•"^2.1.0",¬ ••••"h2o2":•"^5.0.0",¬ ••••"hapi":•"^12.1.0",¬ ••••"hoodie-server-store": "^1.0.1", " ••••"inert":•"^3.1.0",¬ ••••"istanbul":•"^0.4.2",¬ ••••"jsonfile":•"^2.2.3",¬ ••••"lodash":•"^4.0.0",¬ ••••"memdown":•"^1.1.0",¬ ••••"mkdirp":•"^0.5.1",¬ ••••"my-first-hoodie":•"^4.0.0",¬ ••••"npmlog":•"^2.0.0",¬ ••••"pouchdb":•"^5.1.0",¬ ...."pouchdb-users": "^1.0.0", " \*\*\*\* "randomstring": \* "^1.1.3", ¬ ••••"request":•"^2.65.0",¬ "require-relative": "^0.8.7"¬ ••},¬ •• "devDenendencies"•• {-



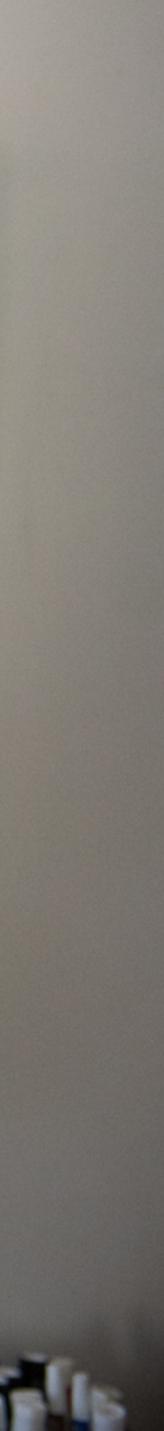






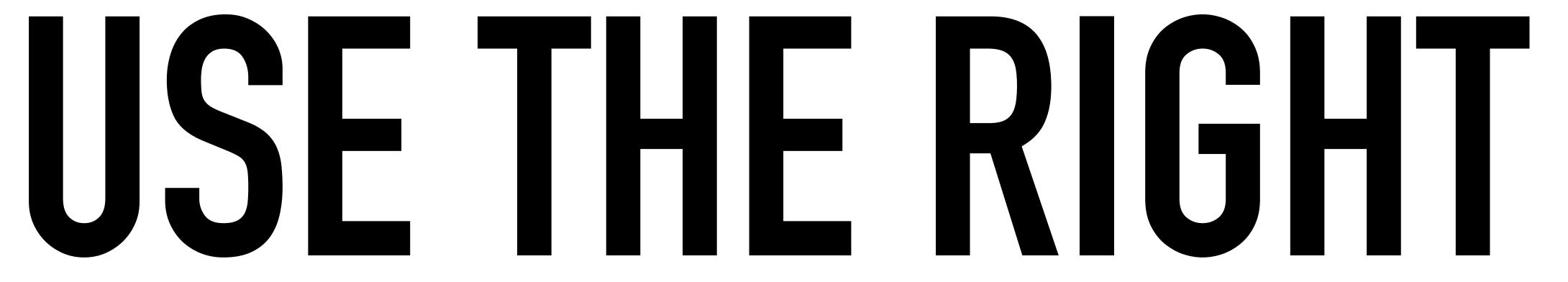
### "If it doesn't happen on a fixed schedule, it doesn't happen at all."

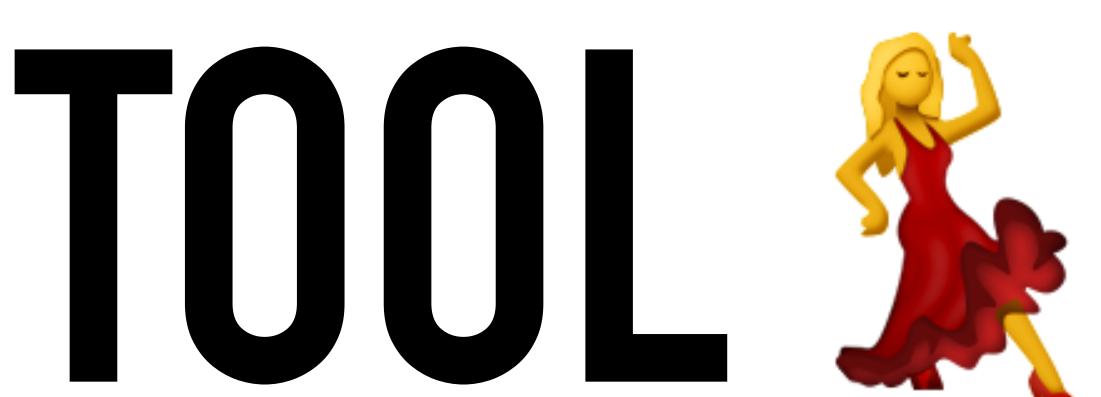










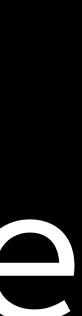






## \$ npm install -g greenkeeper

## \$ greenkeeper enable





### Update standard to version 7.0.1 🚀 #476



Conversation 1

-O- Commits 1



greenkeeperio-bot commented 6 days ago



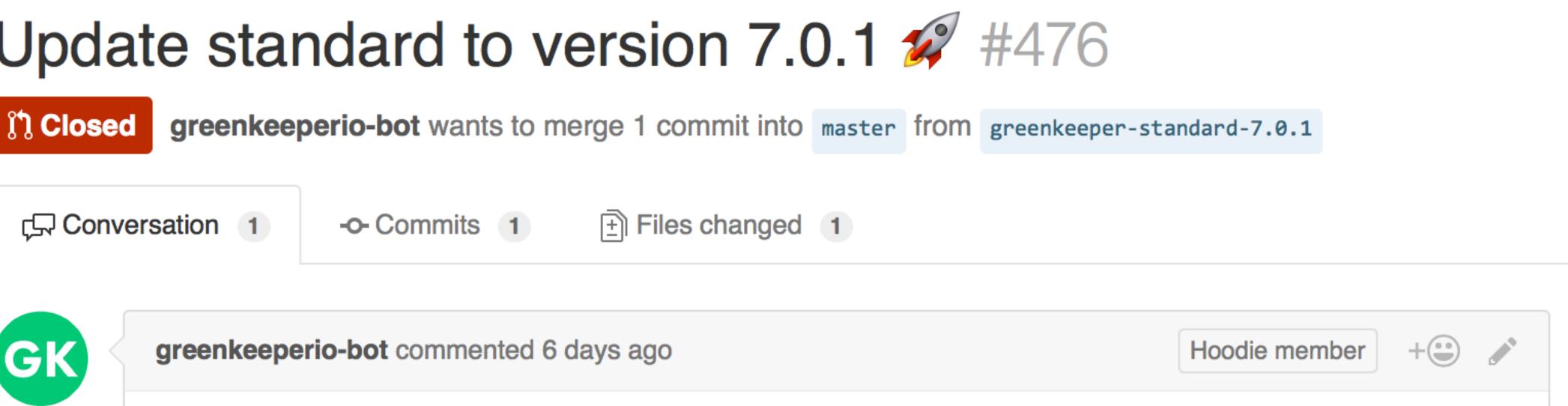


If this pull request passes your tests you can publish your software with the latest version of standard – otherwise use this branch to work on adaptions and fixes.

Happy fixing and merging

The new version differs by 57 commits .

- cc792b5 7.0.1
- 9bbf172 CHANGELOG

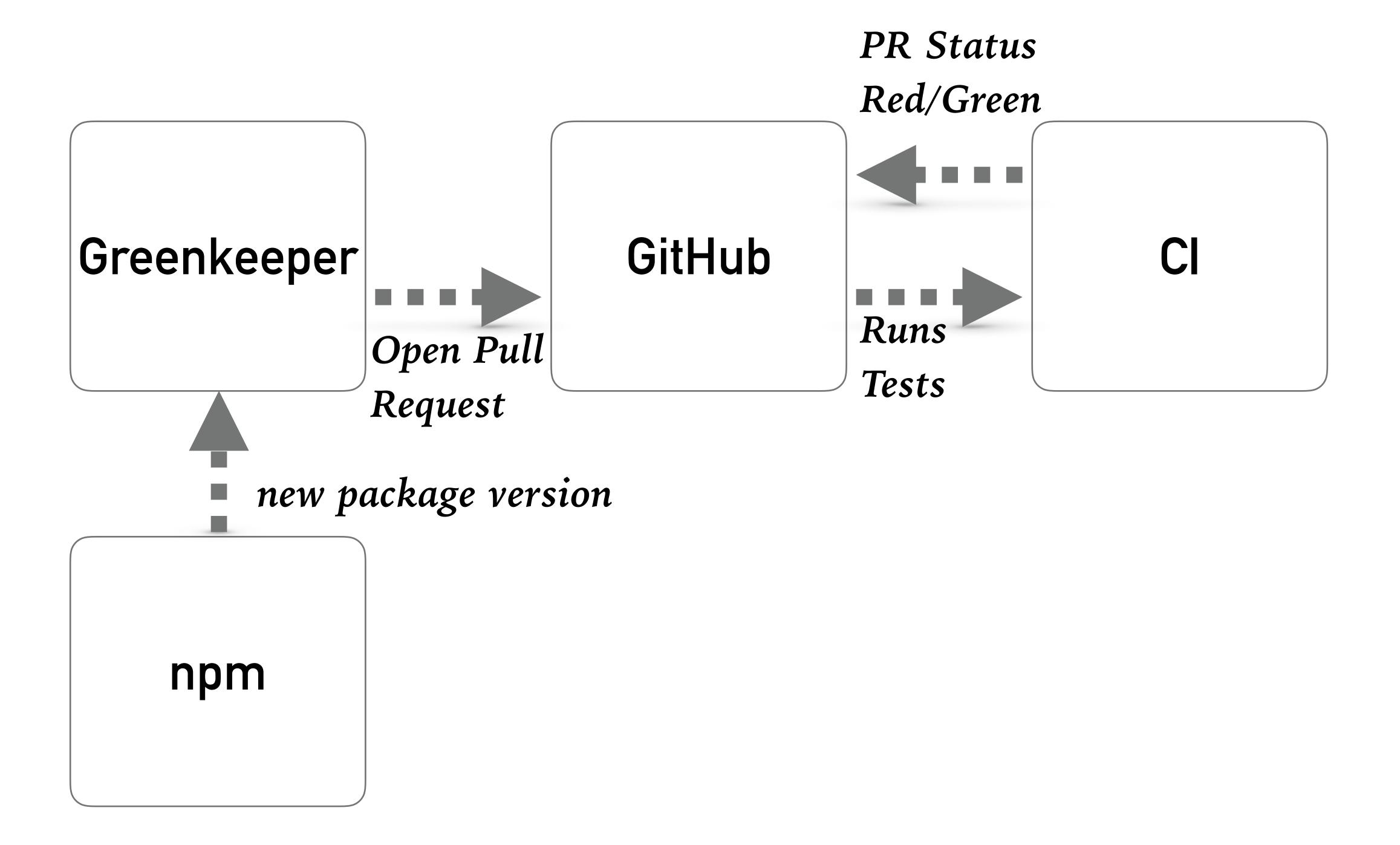


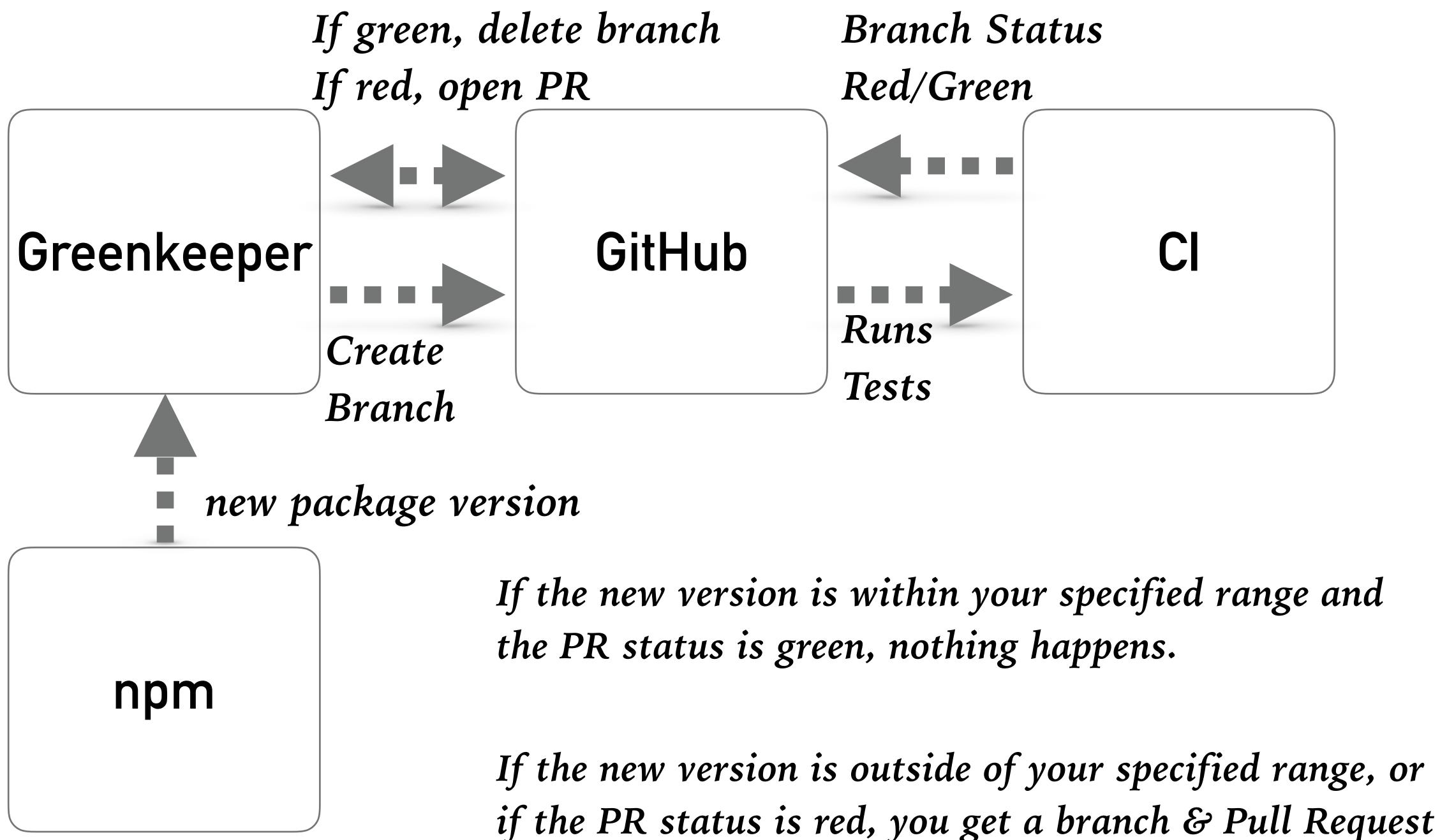
### standard just published its new version 7.0.1, which is not covered by your current version range.



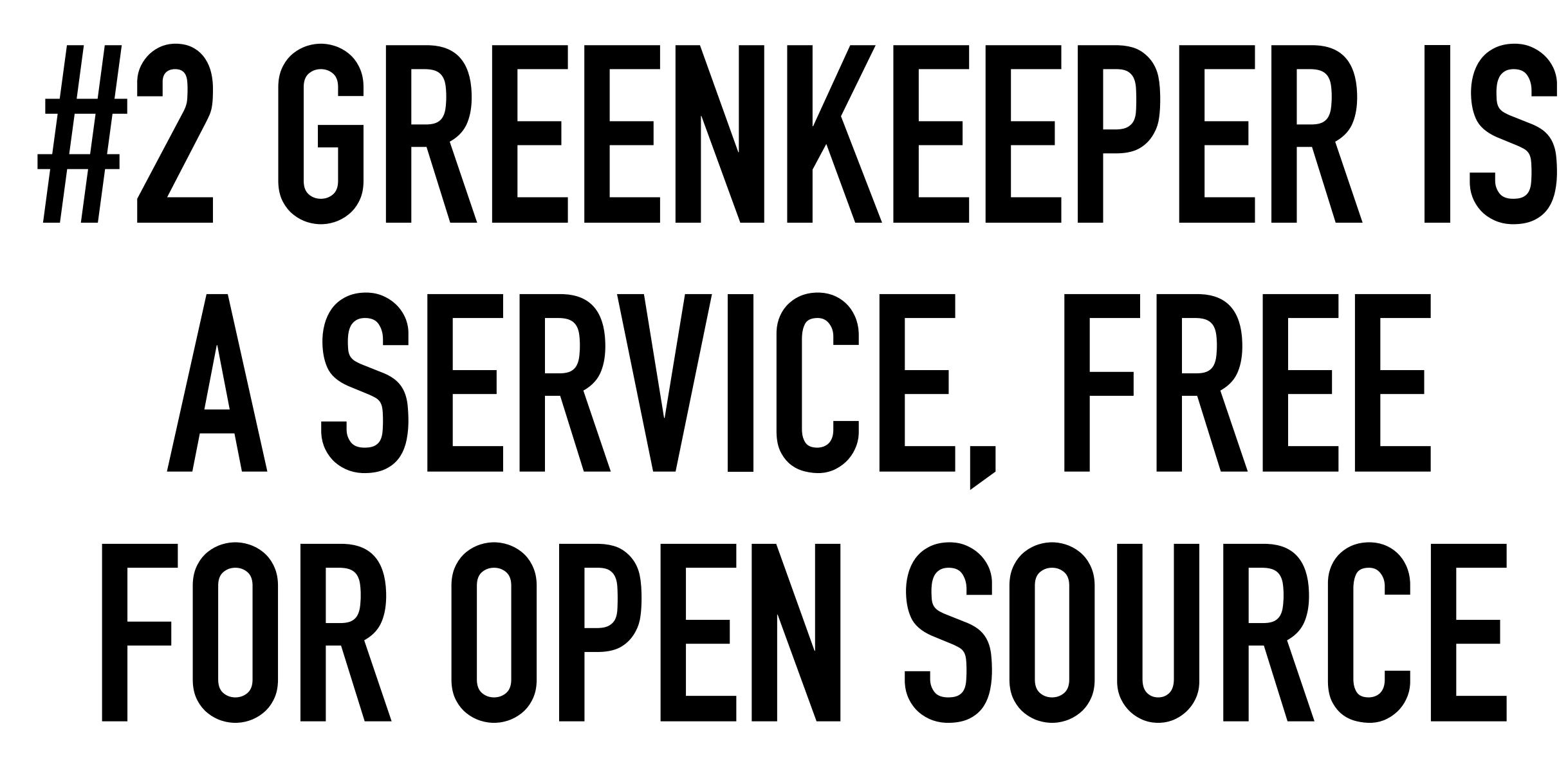








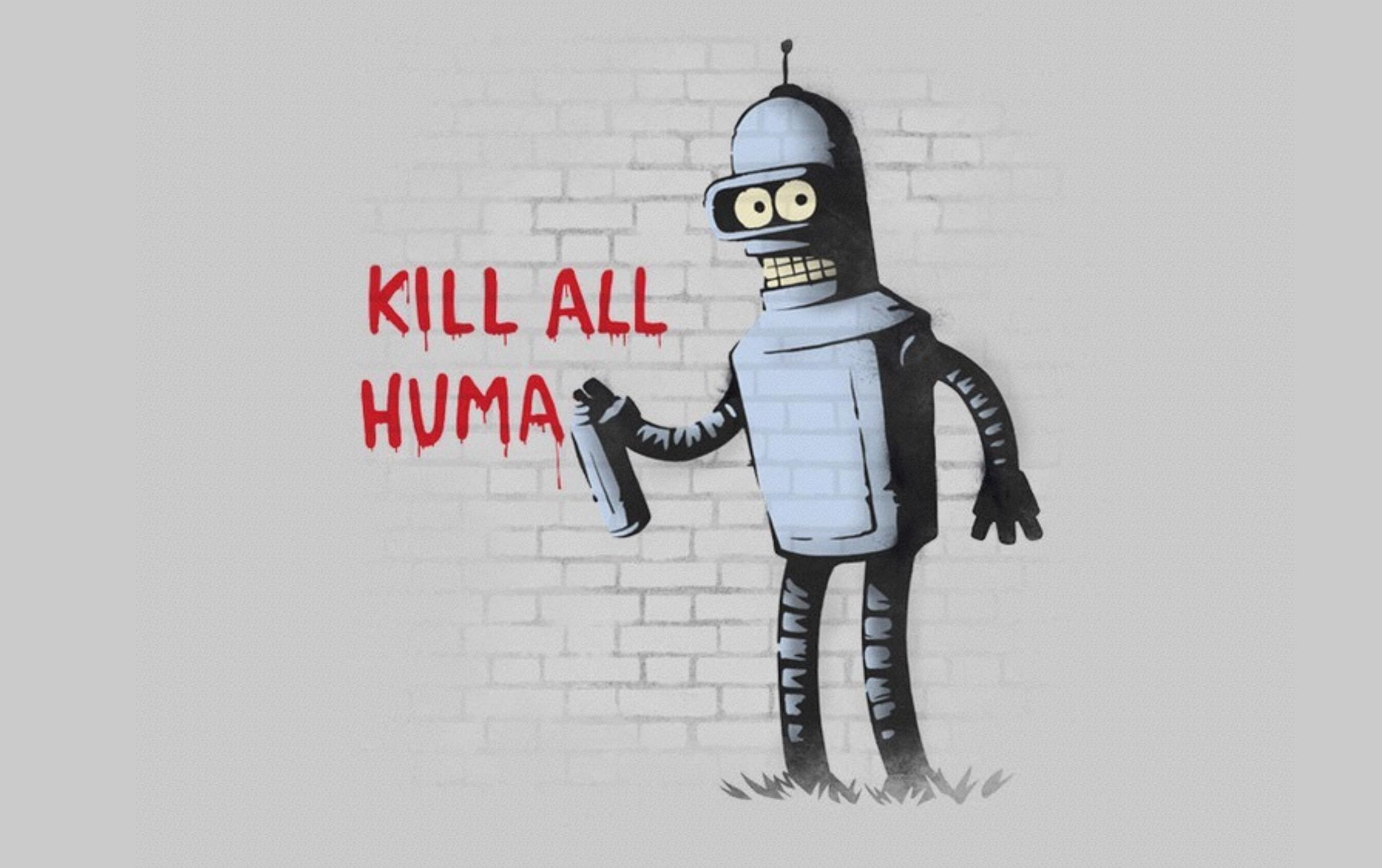


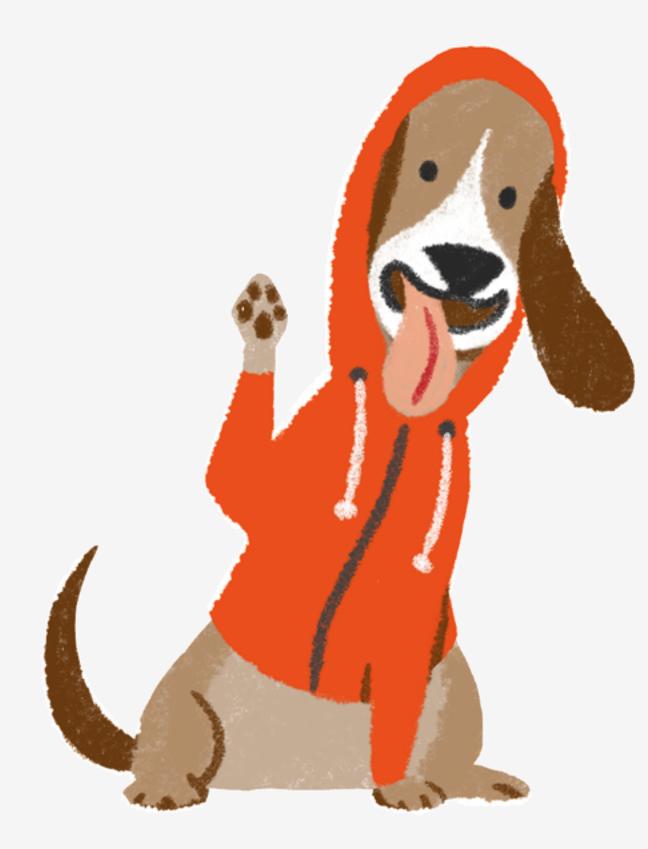


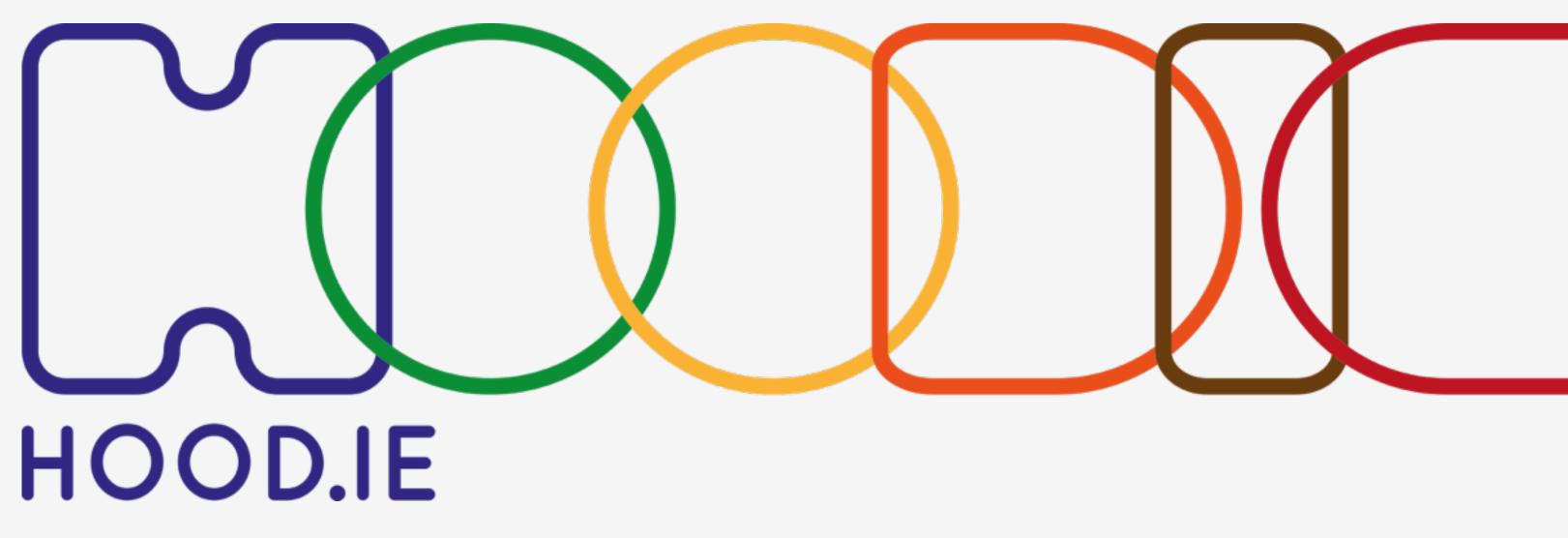
# A SERVICE, FREE FOR OPEN SOURCE



## **GREENKEEPER**: FIRST MONTH FREE WITH CODE `NODECONF-LONDON-IS-AWESOME`











### JAN LEHNARDT / @JANL / JAN@APACHE.ORG HOOD.IE, APACHE COUCHDB, **OFFLINE FIRST, JSCONF EU.** OR HIRE MY COMPANY: **NEIGHBOURHOODIE SOFTWARE** HTTPS://NEIGHBOURHOOD.IE