Fun with Yarn

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What we are going to talk about tonight ...

1. What is yarn?

2. Why would you want it?

3. How do you get started?

4. What about real work?

5. Where are the potholes?

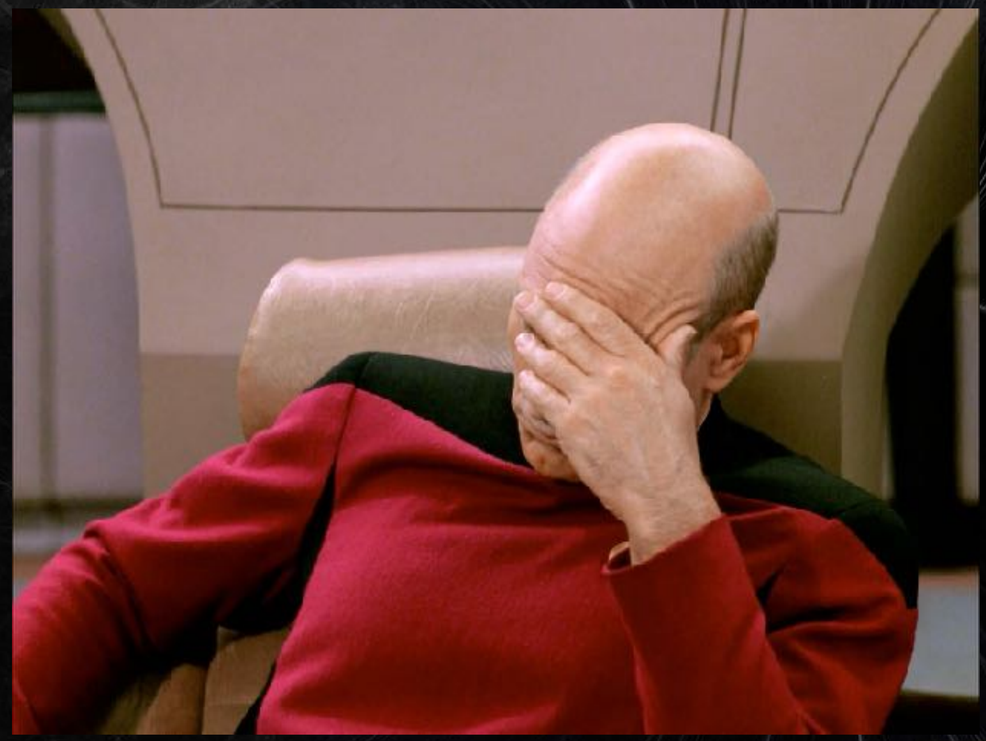
1. What is yarn?

1. What is yarn?

Yarn is a replacement for the npm cli made by facebook

1. What is yarn?

Not another new
thing to add
to my JS
toolchain!!!



1. What is yarn?

yarn connects to the existing npm repository ... it just makes that interaction a little nicer

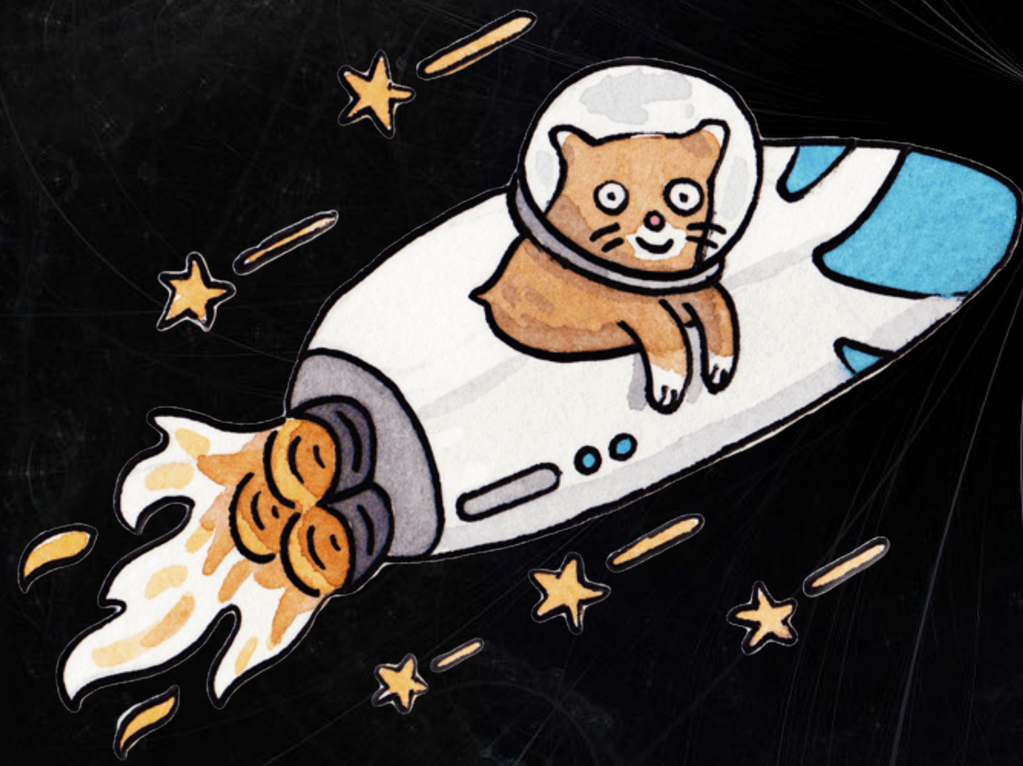
1. What is yarn?

Your team can use yarn and npm side-by-side

2. Why would you want it?

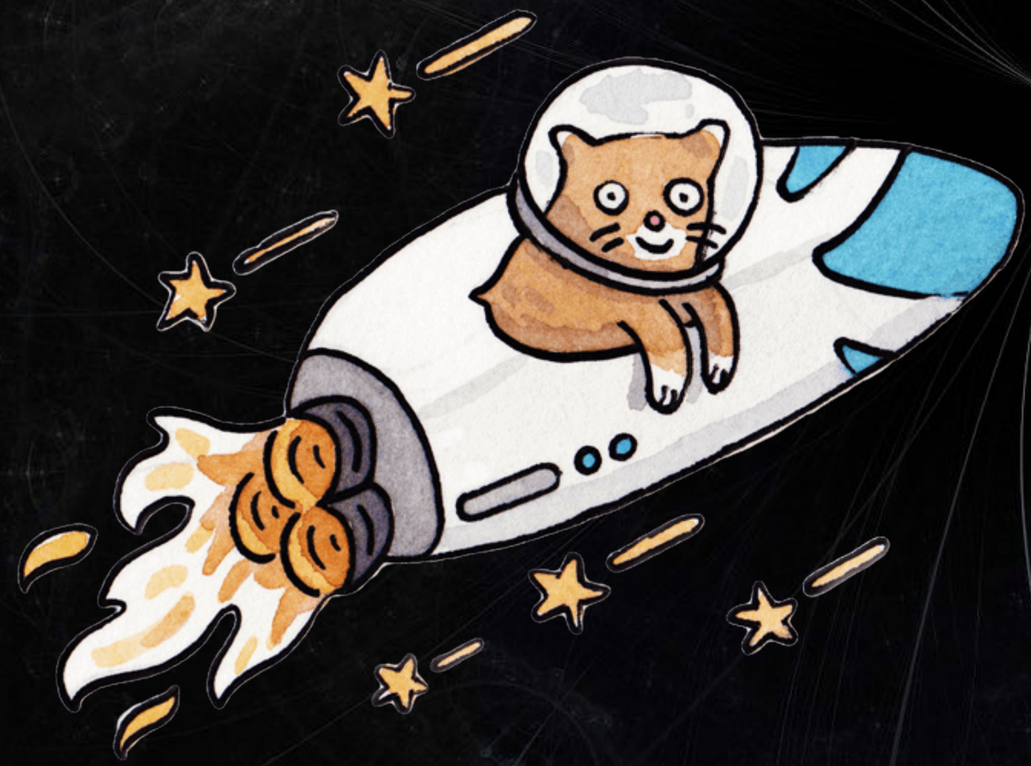
2. Why would you want it?

It’s really,
really fast!!



2. Why would you want it?

Parallel
Installation



2. Why would you want it?

DEMO

2. Why would you want it?

Install
Reliability

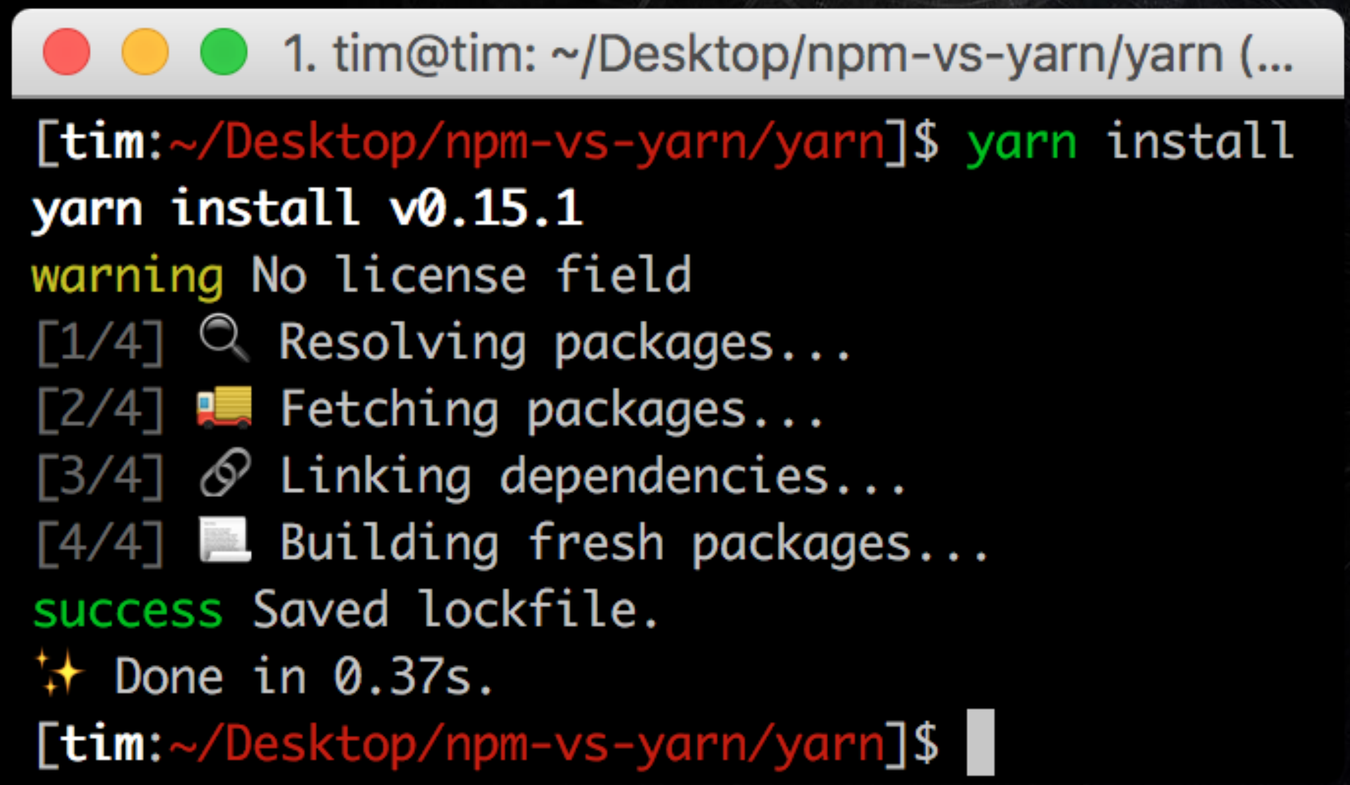
2. Why would you want it?

yarn.lock

~=

npm shrinkwrap

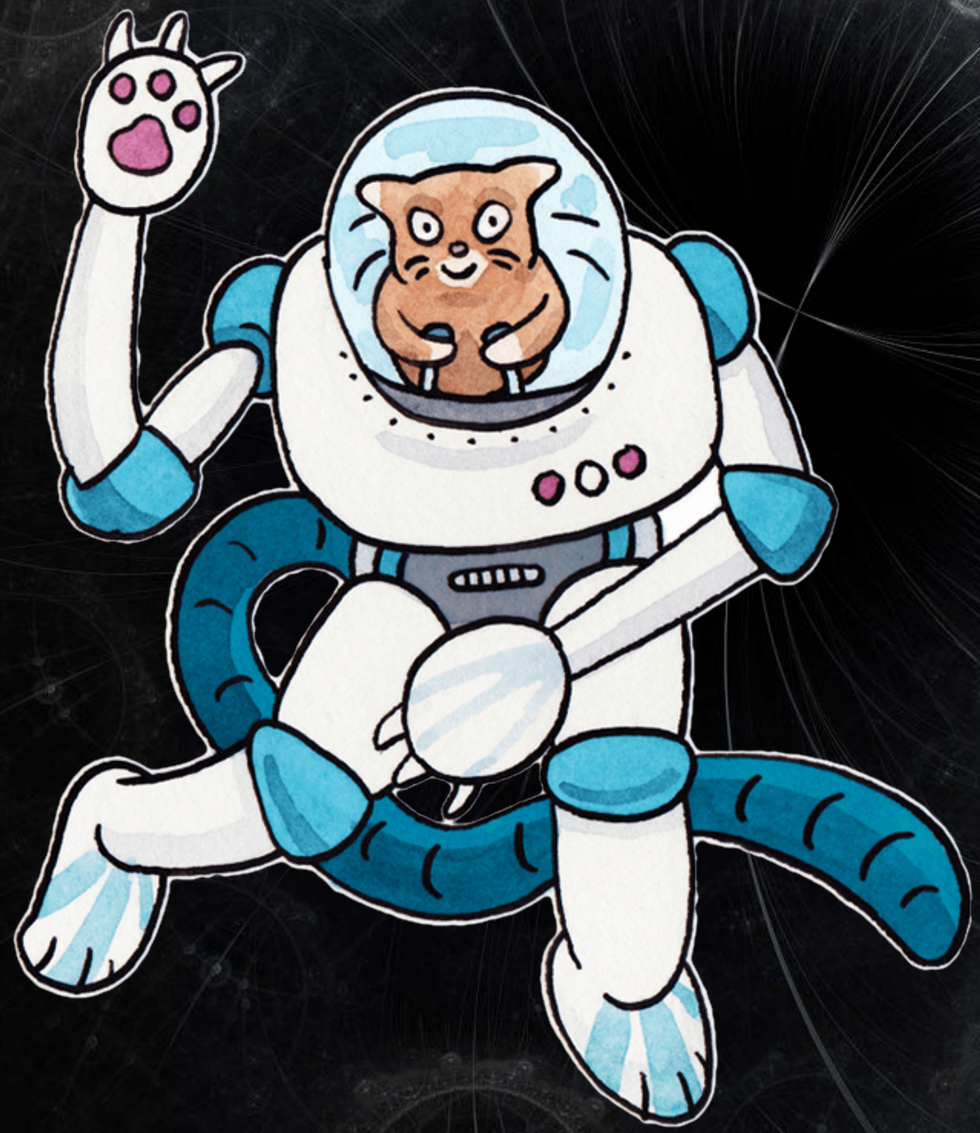
2. Why would you want it?



Easy on the eyes

2. Why would you want it?

If a package fails
due to the network,
the job continues
and yarn retries
automatically

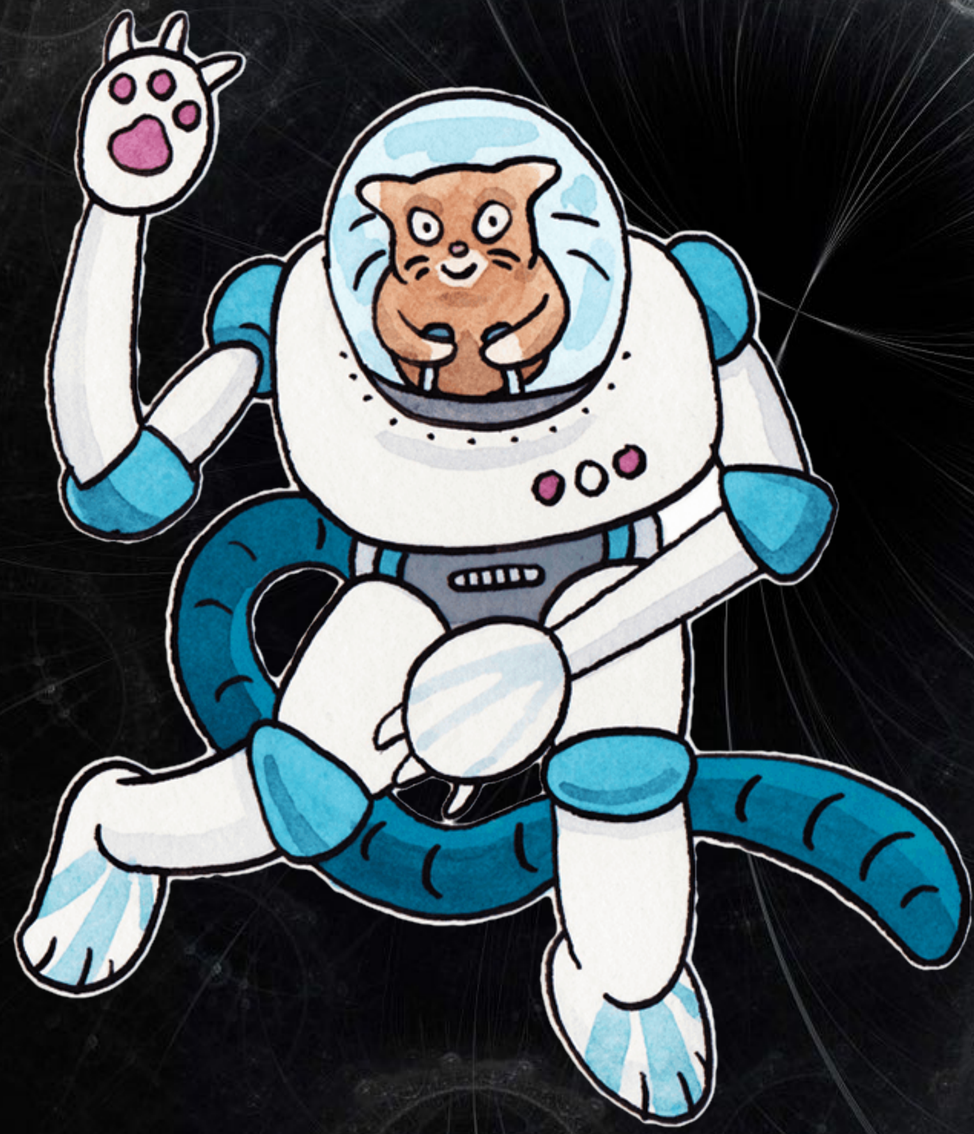


2. Why would you want it?

Offline install

-

Setup a mirror cache that your team and CI server can use



3. How do you get started?

3. How do you get started?

1. brew install yarn
2. export PATH="$PATH:`yarn global bin`"
3. restart your terminal / reload config

3. How do you get started?

yarn init

yarn add <module>

yarn

or

yarn install

4. What about real work?

yarn has wrapped pretty much all of the npm commands you have ever used ... and has added some new ones

4. What about real work?

- install
- add
- add —dev
- remove
- clean
- init
- link
- outdated
- publish
- run
- tag
- config
- login
- logout
- and more ...

4. What about real work?

yarn why <package>

4. What about real work?

yarn licenses ls

5. Where are the potholes?

Thar be dragons

5. Where are the potholes?

There honestly
aren't many ...

5. Where are the potholes?

Some issues with private repos / packages

5. Where are the potholes?

Ignores local npm settings files for yarn files

5. Where are the potholes?

Doesn’t work with
the current version
of electron

yarn

https://yarnpkg.com