

```
verifying that npm is installed...
You have version 6.13.4 installed. Great!
Now let's see what the latest version is... wait for it...
The latest npm is: 6.14.3
You have version 6.13.4, but the latest is 6.14.3
Run `npm install npm -g` to upgrade it
(You can also just skip this if you want)
```

```
how-to-npm update check failed
Try running with sudo or get access
to the local update config store via
sudo chown -R $USER:$(id -gn $USER) /home/osboxes/.config
```

Congratulations!
You have a development environment.

From here on out, make sure to run the workshop in [this](#) dir

You might notice that a `.npmrc` file will show up in there.
That normally would not be required, but the workshop uses it
to mock out the parts that would normally talk to the internet.

Congratulations, mayk!
You are the proud owner of an imaginary new npm account!
Use it wisely. Never in anger. Always for the Good.

With this sweet power comes much responsibility, which is
sufficiently different from Spiderman's thing that Marvel
hopefully won't sue us.

Excelsior!

For extra credit, try also setting up this dir as a git repository.

The convention is to have a single git repo for each module or project.
Use the `'git init'` command to set up your working dir as a git project.

Then, run `'how-to-npm verify extra credit'`

Congratulations!
You created a project! View the `package.json` file to see it.

```
osboxes@osboxes:~/exercices-npm$ npm install @linclark/pkg
npm notice created a lockfile as package-lock.json. You should commit this file.
npm WARN @mayk/exercices-npm@1.0.0 No description
npm WARN @mayk/exercices-npm@1.0.0 No repository field.
```

```
+ @linclark/pkg@1.0.2
added 1 package from 1 contributor in 6.854s
```

```
npm update check failed
Try running with sudo or get access
to the local update config store via
sudo chown -R $USER:$(id -gn $USER) /home/osboxes/.config
```

```
osboxes@osboxes:~/exercices-npm$ ls
node_modules package.json package-lock.json
osboxes@osboxes:~/exercices-npm$ how-to-npm verify
Congratulations! You installed it.
```

```
@mayk/exercices-npm@1.0.0 /home/osboxes/exercices-npm
└─ @linclark/pkg@1.0.2
```

```
npm update check failed
Try running with sudo or get access
to the local update config store via
sudo chown -R $USER:$(id -gn $USER) /home/osboxes/.config
```

```
osboxes@osboxes:~/exercices-npm$ how-to-npm verify
Please run:
`how-to-npm verify OK` if everything is ok,
or:
`how-to-npm verify NOT OK` otherwise.
```

```
how-to-npm update check failed
Try running with sudo or get access
to the local update config store via
sudo chown -R $USER:$(id -gn $USER) /home/osboxes/.config
```

```
osboxes@osboxes:~/exercices-npm$ how-to-npm verify ok
Looks like you fixed the problem. Fantastic!
Note that `npm ls` is a lot calmer now.
```

Running your test script...

```
> @mayk/excercises-npm@1.0.0 test /home/osboxes/excercises-npm
> node test.js
```

npm update check failed
Try running with **sudo** or get access
to the local update config store via
sudo chown -R \$USER:\$(id -gn \$USER) /home/osboxes/.config

...done!

Congratulations! You wrote a test that passes!
Writing a test that is actually GOOD is left for another time.

Looking sharp!

A package without a readme and some metadata is like a
bunch of JavaScript without instructions or git repo links.

```
npm notice
npm notice 📦 @mayk/excercises-npm@1.0.0
npm notice === Tarball Contents ===
npm notice 0    test.js
npm notice 319B package.json
npm notice 15B  README.md
npm notice === Tarball Details ===
npm notice name:          @mayk/excercises-npm
npm notice version:       1.0.0
npm notice package size:  375 B
npm notice unpacked size: 334 B
npm notice shasum:        a22bac47cc77e7a10389ac5e549a7cbc777f0d5c
npm notice integrity:     sha512-vBf364sSaaNVR[...]w+w9fx50AoGoA==
npm notice total files:   3
npm notice
+ @mayk/excercises-npm@1.0.0
```



```

osboxes@osboxes:~/exercices-npm$ more package.json
{
  "name": "@mayk/exercices-npm",
  "version": "1.0.0",
  "main": "index.js",
  "scripts": {
    "test": "node test.js"
  },
  "author": "mayk",
  "license": "ISC",
  "description": "npm exercices",
  "dependencies": {
    "@linclark/pkg": "^1.0.2"
  },
  "repository": "https://github.com/workshopper/how-to-npm"
}
osboxes@osboxes:~/exercices-npm$ gedit package.json
osboxes@osboxes:~/exercices-npm$ how-to-npm verify
Great job!
Run `how-to-npm` for the next exciting challenge!

```

```

npm notice
npm notice 📦 @mayk/exercices-npm@1.1.0
npm notice === Tarball Contents ===
npm notice 0    test.js
npm notice 319B package.json
npm notice 15B  README.md
npm notice === Tarball Details ===
npm notice name:           @mayk/exercices-npm
npm notice version:        1.1.0
npm notice package size:   375 B
npm notice unpacked size:  334 B
npm notice shasum:         3a1be1b2a3bf78d6b72f3021f9fb89f1f37ff192
npm notice integrity:      sha512-myKKh54ILMI3d[...]mW2mTV59cBmZQ==
npm notice total files:    3
npm notice
+ @mayk/exercices-npm@1.1.0

```

npm update check failed

Try running with **sudo** or get access
to the local update config store via

sudo chown -R \$USER:\$(id -gn \$USER) /home/osboxes/.config

```

osboxes@osboxes:~/exercices-npm$ how-to-npm verify
Wow! You are well on your way to becoming a regular
TJames "Substack" Halidaychuk! There's no stopping you!
Run `how-to-npm` to go to the next step.

```

```
osboxes@osboxes:~/exercices-npm$ npm dist-tag add @mayk/exercices-npm@1.1.0 beta
+beta: @mayk/exercices-npm@1.1.0
```

```
npm update check failed
Try running with sudo or get access
to the local update config store via
sudo chown -R $USER:$(id -gn $USER) /home/osboxes/.config
```

```
osboxes@osboxes:~/exercices-npm$ how-to-npm verify
```

Congratulations! You've added a dist-tag!

This is a handy way to manage releases. For example, the npm project itself publishes each new version as 'next' (instead of 'latest') so that beta users can test it out before it becomes the default.

Run 'how-to-npm' to move on to the next exercise.

```
osboxes@osboxes:~/exercices-npm$ npm dist-tag rm @mayk/exercices-npm@1.0.3 latest
-latest: @mayk/exercices-npm@1.0.3
```

```
osboxes@osboxes:~/exercices-npm$ npm outdated
Package      Current  Wanted  Latest  Location
@linclark/pkg 1.0.2    1.0.3    1.0.3    @mayk/exercices-npm
osboxes@osboxes:~/exercices-npm$ how-to-npm verify @linclark/pkg
```

That's absolutely right! The '@linclark/pkg' package has had an update while we weren't looking.

In the next lesson, we'll learn how to update packages that are outdated.

```
osboxes@osboxes:~/exercices-npm$ npm update
+ @linclark/pkg@1.0.3
updated 1 package in 1.967s
```

```
npm update check failed
Try running with sudo or get access
to the local update config store via
sudo chown -R $USER:$(id -gn $USER) /home/osboxes/.config
```

```
osboxes@osboxes:~/exercices-npm$ how-to-npm verify
Awesome! You're up to date!
Run 'how-to-npm' to move on to the next exercise
```

```
osboxes@osboxes:~/exercices-npm$ npm rm -g @linclark/pkg
up to date in 0.115s
```

```
npm update check failed
Try running with sudo or get access
to the local update config store via
sudo chown -R $USER:$(id -gn $USER) /home/osboxes/.config
```

```
osboxes@osboxes:~/exercices-npm$ how-to-npm verify
```

Awesome! You have removed the packages from your node_modules folder,
and also updated your package.json file to reflect that you're no longer
depending on them.

Well done.

HOW-TO-NPM

Select an exercise and hit Enter to begin

» 00 Install npm	
» 01 Dev Environment	[COMPLETED]
» 02 Login	[COMPLETED]
» 03 Start A Project	[COMPLETED]
» 04 Install A Module	[COMPLETED]
» 05 Listing Dependencies	[COMPLETED]
» 06 npm Test	[COMPLETED]
» 07 Package Niceties	[COMPLETED]
» 08 Publish	[COMPLETED]
» 09 Version	[COMPLETED]
» 10 Publish Again	[COMPLETED]
» 11 Dist Tag	[COMPLETED]
» 12 Dist Tag Removal	[COMPLETED]
» 13 Outdated	[COMPLETED]
» 14 Update	[COMPLETED]
» 15 Rm	[COMPLETED]
» 16 Finale	

HELP

CHOOSE LANGUAGE
RESET REGISTRY
CHECK FOR UPDATE
EXIT