

# Working with Global Packages



**Mosh Hamedani**

[programmingwithmosh.com](https://programmingwithmosh.com)

```
6 test: echo { error: no test specified, cd exit 1
7 },
8 "author": "",
9 "license": "ISC",
10 "keywords": [],
11 "description": "",
12 "dependencies": {
13   "underscore": "^1.8.3"
14 },
15 "devDependencies": {
16   "jshint": "^2.9.5"
17 }
18 }
19
```

npm-demo \$

npm-demo \$npm █

```
npm-demo $
```

```
npm-demo $ng
```

```
npm-demo $
```

```
npm-demo $npm i -g npm@5.5.1
```

```
npm-demo $
```

```
npm-demo $sudo npm i -g npm
```

```
npm-demo $
```

```
npm-demo $npm -g outdated
```

<u>Package</u>	<u>Current</u>	<u>Wanted</u>	<u>Latest</u>	<u>Location</u>
@angular/cli	1.3.2	1.6.0	1.6.0	
angular-cli-ghpages	0.5.1	0.5.2	0.5.2	
firebase-tools	3.9.2	3.16.0	3.16.0	
generator-aspnetcore-spa	0.9.2	0.9.3	1.0.0	
npm	5.5.1	5.6.0	5.6.0	
typescript	2.3.4	2.6.2	2.6.2	
webpack	2.6.0	2.7.0	3.10.0	
yo	1.8.5	1.8.5	2.0.0	

```
npm-demo $npm un -g █
```

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Thu 02:39

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04. Using a Package

05. Package Dependencies

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07. Semantic Versioning

08. Listing the Installed Packages

09. Viewing Registry Info for a Package

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package.json

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PROBLEMS

OUTPUT

TERMINAL

16: bash

+

dandy@My-Ubuntu:~/Keep/Node.js/03. Node Package Manager/Applications/14. Working with Global Packages\$ mkdir npm-demo ; cd npm-demo ; sudo npm init --yes ; sudo npm i mongoose underscore ; sudo npm i -g npm-check-updates ; sudo npm i -g npm-check-updates ; sudo npm i jshint --save-dev

[sudo] password for dandy:

Wrote to /home/dandy/Keep/Node.js/03. Node Package Manager/Applications/14. Working with Global Packages/npm-demo/package.json:

{

"name": "npm-demo",

"version": "1.0.0",

"description": "",

"main": "index.js",

"scripts": {

"test": "echo \"Error: no test specified\" && exit 1"

},

"keywords": [],

"author": "",

"license": "ISC"

}

npm notice created a lockfile as package-lock.json. You should commit this file.

npm WARN npm-demo@1.0.0 No description

npm WARN npm-demo@1.0.0 No repository field.

+ underscore@1.9.2

+ mongoose@5.9.6

added 31 packages from 19 contributors and audited 39 packages in 5.154s

1 package is looking for funding

run 'npm fund' for details

found 0 vulnerabilities

npm WARN deprecated mkdirp@0.5.4: Legacy versions of mkdirp are no longer supported. Please update to mkdirp 1.x. (Note that the API surface has changed to use Promises in 1.x.)

/usr/bin/npm-check-updates -> /usr/lib/node\_modules/npm-check-updates/bin/npm-check-updates

/usr/bin/ncu -> /usr/lib/node\_modules/npm-check-updates/bin/ncu

npm WARN notsup Unsupported engine for pacote@11.1.4: wanted: {"node": ">=10"} (current: {"node": "8.10.0", "npm": "6.14.3"})

npm WARN notsup Not compatible with your version of node/npm: pacote@11.1.4

npm WARN notsup Unsupported engine for semver@7.1.3: wanted: {"node": ">=10"} (current: {"node": "8.10.0", "npm": "6.14.3"})

npm WARN notsup Not compatible with your version of node/npm: semver@7.1.3

npm WARN notsup Unsupported engine for cacache@15.0.0: wanted: {"node": ">= 10"} (current: {"node": "8.10.0", "npm": "6.14.3"})

npm WARN notsup Not compatible with your version of node/npm: cacache@15.0.0

npm WARN notsup Unsupported engine for @npmcli/installed-package-contents@1.0.5: wanted: {"node": ">= 10"} (current: {"node": "8.10.0", "npm": "6.14.3"})

npm WARN notsup Not compatible with your version of node/npm: @npmcli/installed-package-contents@1.0.5

npm WARN notsup Unsupported engine for mkdirp@1.0.3: wanted: {"node": ">=10"} (current: {"node": "8.10.0", "npm": "6.14.3"})

npm WARN notsup Not compatible with your version of node/npm: mkdirp@1.0.3

npm WARN notsup Unsupported engine for npm-package-arg@8.0.1: wanted: {"node": ">=10"} (current: {"node": "8.10.0", "npm": "6.14.3"})

npm WARN notsup Not compatible with your version of node/npm: npm-package-arg@8.0.1

npm WARN notsup Unsupported engine for npm-packlist@2.1.1: wanted: {"node": ">=10"} (current: {"node": "8.10.0", "npm": "6.14.3"})

npm WARN notsup Not compatible with your version of node/npm: npm-packlist@2.1.1

npm WARN notsup Unsupported engine for npm-registry-fetch@8.0.0: wanted: {"node": ">=10"} (current: {"node": "8.10.0", "npm": "6.14.3"})

npm WARN notsup Not compatible with your version of node/npm: npm-registry-fetch@8.0.0

npm WARN notsup Unsupported engine for tar@6.0.1: wanted: {"node": ">= 10"} (current: {"node": "8.10.0", "npm": "6.14.3"})

npm WARN notsup Not compatible with your version of node/npm: tar@6.0.1

npm WARN notsup Unsupported engine for npm-install-checks@4.0.0: wanted: {"node": ">=10"} (current: {"node": "8.10.0", "npm": "6.14.3"})

npm WARN notsup Not compatible with your version of node/npm: npm-install-checks@4.0.0

npm WARN notsup Unsupported engine for make-fetch-happen@8.0.4: wanted: {"node": ">= 10"} (current: {"node": "8.10.0", "npm": "6.14.3"})

npm WARN notsup Not compatible with your version of node/npm: make-fetch-happen@8.0.4

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EXPLORER

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14. Working with Global Packages > npm-demo > README.md

1 // mkdir npm-demo ; cd npm-demo ;sudo npm init --yes ; sudo npm i mongoose underscore ; sudo npm i -g npm-check-updates ; sudo npm i -g npm-check-updates ; sudo npm i jshint --save-dev

2 // sudo npm i -g npm : Install latest version of npm globally

3 // sudo npm -g outdated : Check all the outdated packages globally

4 // sudo npm un -g npm : Uninstall npm globally

5

DEBUG CONSOLE

PROBLEMS

OUTPUT

TERMINAL

16: bash

npm WARN notsup Not compatible with your version of node/npm: cacache@15.0.0

npm WARN notsup Unsupported engine for npm-package-arg@8.0.1: wanted: {"node": ">=10"} (current: {"node": "8.10.0", "npm": "6.14.3"})

npm WARN notsup Not compatible with your version of node/npm: npm-package-arg@8.0.1

npm WARN notsup Unsupported engine for npm-packlist@2.1.1: wanted: {"node": ">=10"} (current: {"node": "8.10.0", "npm": "6.14.3"})

npm WARN notsup Not compatible with your version of node/npm: npm-packlist@2.1.1

npm WARN notsup Unsupported engine for npm-registry-fetch@8.0.0: wanted: {"node": ">=10"} (current: {"node": "8.10.0", "npm": "6.14.3"})

npm WARN notsup Not compatible with your version of node/npm: npm-registry-fetch@8.0.0

npm WARN notsup Unsupported engine for tar@6.0.1: wanted: {"node": ">= 10"} (current: {"node": "8.10.0", "npm": "6.14.3"})

npm WARN notsup Not compatible with your version of node/npm: tar@6.0.1

npm WARN notsup Unsupported engine for npm-install-checks@4.0.0: wanted: {"node": ">=10"} (current: {"node": "8.10.0", "npm": "6.14.3"})

npm WARN notsup Not compatible with your version of node/npm: npm-install-checks@4.0.0

npm WARN notsup Unsupported engine for make-fetch-happen@8.0.4: wanted: {"node": ">= 10"} (current: {"node": "8.10.0", "npm": "6.14.3"})

npm WARN notsup Not compatible with your version of node/npm: make-fetch-happen@8.0.4

+ npm-check-updates@4.0.6

updated 1 package in 14.258s

npm WARN npm-demo@1.0.0 No description

npm WARN npm-demo@1.0.0 No repository field.

+ jshint@2.11.0

added 29 packages from 15 contributors and audited 81 packages in 4.274s

2 packages are looking for funding

run `npm fund` for details

found 0 vulnerabilities

dandy@My-Ubuntu:~/Keep/Node.js/03. Node Package Manager/Applications/14. Working with Global Packages/npm-demo\$ sudo npm i -g npm

/usr/bin/npx -> /usr/lib/node\_modules/npm/bin/npx-cli.js

/usr/bin/npm -> /usr/lib/node\_modules/npm/bin/npm-cli.js

+ npm@6.14.3

updated 1 package in 38.787s

dandy@My-Ubuntu:~/Keep/Node.js/03. Node Package Manager/Applications/14. Working with Global Packages/npm-demo\$ sudo npm -g outdated

dandy@My-Ubuntu:~/Keep/Node.js/03. Node Package Manager/Applications/14. Working with Global Packages/npm-demo\$ ^C

dandy@My-Ubuntu:~/Keep/Node.js/03. Node Package Manager/Applications/14. Working with Global Packages/npm-demo\$ sudo npm un -g npm

removed 435 packages in 8.087s

dandy@My-Ubuntu:~/Keep/Node.js/03. Node Package Manager/Applications/14. Working with Global Packages/npm-demo\$

OUTLINE

master\*

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## > 17. NPM Recap

```
dandy@My-Ubuntu:~/Keep/Node.js/03. Node Package Manager/Applications$
```