

Package Dependencies



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programmingwithmosh.com

```
npm-demo $  
[npm-demo $]npm i mongoose  
npm WARN npm-demo@1.0.0 No description  
npm WARN npm-demo@1.0.0 No repository field.  
  
+ mongoose@4.13.6  
added 32 packages in 2.017s  
npm-demo $
```



EXPLORER

OPEN EDITORS

package.json

NPM-DEMO

node_modules

index.js

package-lock.json

package.json



CODE OUTLINE

package.json x

```
1  {
2    "name": "npm-demo",
3    "version": "1.0.0",
4    "main": "index.js",
5    "scripts": {
6      "test": "echo \"Error: no test specified\"",
7    },
8    "author": "",
9    "license": "ISC",
10   "keywords": [],
11   "description": "",
12   "dependencies": {
13     "mongoose": "^4.13.6",
14     "underscore": "^1.8.3"
15   }
16 }
17
```

ActivitiesVisual Studio Code

index.js - Applications - Visual Studio Code

FileEditSelectionViewGoRunTerminalHelp

EXPLORER

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APPLICATIONS

01. Introduction

02. Package.json

03. Installing a Node Package

04. Using a Package

05. Package Dependencies / index.js

node_modules

package-lock.json

package.json

06. NPM Packages and Source Control

07. Semantic Versioning

08. Listing the Installed Packages

09. Viewing Registry Info for a Pack...

10. Installing a Specific Version of a ...

11. Updating Local Packages

12. DevDependencies

13. Uninstalling a Package

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17. NPM Recap

OUTLINE

DEBUG CONSOLE

PROBLEMS

OUTPUT

TERMINAL

6: bash

dandy@My-Ubuntu:~/Keep/Node.js/03. Node Package Manager/Applications/05. Package Dependencies/npm-demo\$ sudo npm init --yes

[sudo] password for dandy:

Wrote to /home/dandy/Keep/Node.js/03. Node Package Manager/Applications/05. Package Dependencies/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"

}

dandy@My-Ubuntu:~/Keep/Node.js/03. Node Package Manager/Applications/05. Package Dependencies/npm-demo\$ sudo npm i underscore

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

added 1 package from 1 contributor and audited 1 package in 1.947s

found 0 vulnerabilities

dandy@My-Ubuntu:~/Keep/Node.js/03. Node Package Manager/Applications/05. Package Dependencies/npm-demo\$ sudo npm i mongoose

npm WARN npm-demo@1.0.0 No description

npm WARN npm-demo@1.0.0 No repository field.

+ mongoose@5.9.6

added 30 packages from 18 contributors and audited 39 packages in 27.225s

1 package is looking for funding

run `npm fund` for details

found 0 vulnerabilities

master*0 0 0✓ javascript | ✓ index.jsLn 11, Col 21Spaces: 4UTF-8LFBabel JavaScriptJavaScript Standard Style

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`{}` package.json ✕

05. Package Dependencies > npm-demo > {} package.json > ...

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```
3     version : 1.0.0 ,
4     "description" : ""
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DEBUG CONSOLE PROBLEMS OUTPUT TERMINAL

```
dandy@My-Ubuntu:~/Keep/Node.js/03. Node Package Manager/Applications/05. Package Dependencies/npm-demo$ sudo npm i mongoose
```

```
npm WARN npm-demo@1.0.0 No description
```

```
npm WARN npm-demo@1.0.0 No repository field.
```

```
+ mongoose@5.9.6
```

```
added 30 packages from 18 contributors and audited 39 packages in 27.225s
```

1 package is looking for funding

```
run `npm fund` for details
```

found 0 vulnerabilities

6: bash

> OUTLINE

master* 0 0 ✓ json | ✓ package.json

Ln 1, Col 1 Spaces: 2 UTF-8 LF JSON  

```
npm-demo $  
npm-demo $ls node_modules/  
async                lodash                readable-stream  
bluebird             lodash.get           regexp-clone  
bson                 mongodb             require_optional  
buffer-shims         mongodb-core        resolve-from  
core-util-is         mongoose            safe-buffer  
debug               mpath              semver  
es6-promise          mpromise            sliced  
hooks-fixed          mquery             string_decoder  
inherits            ms                 underscore  
isarray             muri               util-deprecate  
kareem              process-nextick-args  
npm-demo $
```

EXPLORER

{ } package.json ✕

05. Package Dependencies > npm-demo > {} package.json > ...

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```
1 {
2   "name": "npm-demo",
3   "version": "1.0.0",
4   "description": "",
5   "main": "index.js",
6   "scripts": {
7     "test": "echo \"Error: no test specified\" && exit 1"
8   },
9   "keywords": [],
10  "author": "",
11  "license": "ISC",
12  "dependencies": {
13    "mongoose": "^5.9.6",
14    "underscore": "^1.9.2"
15  }
16 }
17
```

DEBUG CONSOLE PROBLEMS OUTPUT TERMINAL

```
run `npm fund` for details
```

found 0 vulnerabilities

```
dandy@My-Ubuntu:~/Keep/Node.js/03. Node Package Manager/Applications/05. Package Dependencies/npm-demo$ ls
```

```
node_modules package.json package-lock.json
```

```
dandy@My-Ubuntu:~/Keep/Node.js/03. Node Package Manager/Applications/05. Package Dependencies/npm-demo$ cd node_modules/
```

```
dandy@My-Ubuntu:~/Keep/Node.js/03. Node Package Manager/Applications/05. Package Dependencies/npm-demo/node modules$ ls
```

```
bl denque mongodb ms resolve-from sliced
```

bluebird	inherits	mongoose	process-nextick-args	safe-buffer	sparse-bitfield
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bluebird	inherits	mongoose	process-nextick-args	safe-buffer	sparse-bitfield
bson	isarray	mongoose-legacy-pluralize	readable-stream	saferp	string_decoder

bson	isarray	mongoose-legacy-pluralize	readable-stream	saslprep	string_decoder
core-util-is	kareem	mpath	regexp-clone	semver	underscore

core-util-is	kareem	lpath	regexp-clone	semver	underscore
debug	memory-pager	memory	require_optional	sift	util-deprecate

```
debug          memory-pager  mquery         require_optional  sift           util-deprecate
dark@Mty: Ubuntu: /Keep/Node.js /02-Node-Backers-Manager/Applications/05-Backers-Dependencies/rnm_deps/ps
```

```
dandy@My-Ubuntu:~/Keep/Node.js/03. Node Package Manager/Applications/05. Package Dependencies/npm-demo/node_modules$
```

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> OUTLINE

master* ↺ 0 0 ✓ json | ✓ package.json

Ln 1, Col 1 Spaces: 2 UTF-8 LF JSON  

ActivitiesVisual Studio Code

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package.json - Applications - Visual Studio Code

FileEditSelectionViewGoRunTerminalHelp

EXPLORER

OPEN EDITORS

APPLICATIONS

OUTLINE

JS index.js 04. Using a Package/... U

{} package.json 05. Package De... U

> 01. Introduction

> 02. Package.json

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> 04. Using a Package

> 05. Package Dependencies / n...

> node_modules

> {} package-lock.json U

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> 06. NPM Packages and Source Control

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> 17. NPM Recap

JS index.js

{} package.json X

05. Package Dependencies > npm-demo > {} package.json > ...

```
1 {
2   "name": "npm-demo",
3   "version": "1.0.0",
4   "description": "",
5   "main": "index.js",
6   "scripts": {
7     "test": "echo \"Error: no test specified\" && exit 1"
8   },
9   "keywords": [],
10  "author": "",
11  "license": "ISC",
12  "dependencies": {
13    "mongoose": "^5.9.6",
14    "underscore": "^1.9.2"
15  }
16 }
17
```

DEBUG CONSOLEPROBLEMSOUTPUTTERMINAL

6: bash

found 0 vulnerabilities

dandy@My-Ubuntu:~/Keep/Node.js/03. Node Package Manager/Applications/05. Package Dependencies/npm-demo\$ ls

node_modules package.json package-lock.json

dandy@My-Ubuntu:~/Keep/Node.js/03. Node Package Manager/Applications/05. Package Dependencies/npm-demo\$ cd node_modules/

dandy@My-Ubuntu:~/Keep/Node.js/03. Node Package Manager/Applications/05. Package Dependencies/npm-demo/node_modules\$ ls

bl denque mongodb ms resolve-from sliced

bluebird inherits mongoose process-nextick-args safe-buffer sparse-bitfield

bson isarray mongoose-legacy-pluralize readable-stream saslprep string_decoder

core-util-is kareem mpath regexp-clone semver underscore

debug memory-pager mquery require_optional sift util-deprecate

dandy@My-Ubuntu:~/Keep/Node.js/03. Node Package Manager/Applications/05. Package Dependencies/npm-demo/node_modules\$ we have in

stalled only underscore and mongoose so these two are dependent upon the other rest other packages.

master* 0 0 json | package.jsonLn 1, Col 1Spaces: 2UTF-8LFJSON

ActivitiesVisual Studio Code

package.json - Applications - Visual Studio Code

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EXPLORER

OPEN EDITORS

APPLICATIONS

JS index.js 04. Using a Package/... U

X {} package.json 05. Package De... U

01. Introduction

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05. Package Dependencies / n...

node_modules

.bin

bl

bluebird

bson

core-util-is

debug

denque

inherits

isarray

kareem

memory-pager

mongodb

mongoose

dist

lib

tools

.travis.yml

browser.js

build-browser.js

History.md

index.js

OUTLINE

JS index.js

{} package.json X

05. Package Dependencies > npm-demo > {} package.json > ...

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17

{

"name": "npm-demo",

"version": "1.0.0",

"description": "",

"main": "index.js",

"scripts": {

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

}

,

"keywords": [],

"author": "",

"license": "ISC",

"dependencies": {

"mongoose": "^5.9.6",

"underscore": "^1.9.2"

}

}

DEBUG CONSOLE

PROBLEMS

OUTPUT

TERMINAL

6: bash

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core-util-is kareem mpath regexp-clone semver underscore

debug memory-pager mquery require_optional sift util-deprecate

dandy@My-Ubuntu:~/Keep/Node.js/03. Node Package Manager/Applications/05. Package Dependencies/npm-demo/node_modules\$ we have in

stalled only underscore and mongoose so these two are dependent upon the other rest other packages.

Command 'we' not found, but can be installed with:

sudo apt install xwpe

dandy@My-Ubuntu:~/Keep/Node.js/03. Node Package Manager/Applications/05. Package Dependencies/npm-demo/node_modules\$ all the de

pendcies of the module are stored in the node_modules and not under mongoose sub folder but there are cases in which version 1

of some module is needed in the node_modules for whole application and version 2 of the same module is needed by mongoose so in

that case the sub folder is created inside mongoose and version 2 will be there and version 1 can still be in the node_modules

master*

0 0 0

✓ json | ✓ package.json

Ln 1, Col 1

Spaces: 2

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JSON

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