

# DevDependencies



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```
npm-demo $  
[npm-demo $]npm i jshint --save-dev  
npm WARN npm-demo@1.0.0 No description  
npm WARN npm-demo@1.0.0 No repository field.  
  
+ jshint@2.9.5  
added 29 packages in 2.058s  
npm-demo $
```

EXPLORER

OPEN EDITORS

- package.json M

NPM-DEMO

- es6-promise
- exit
- fs.realpath
- glob
- hooks-fixed
- htmlparser2
- inflight
- inherits
- isarray
- jshint**
  - bin
  - data
  - dist
  - node\_modules
  - src
  - CHANGELOG.md
  - LICENSE
  - package.json
  - README.md

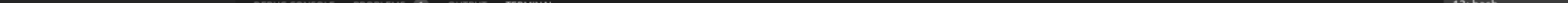
CODE OUTLINE

package.json x

```
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 "devDependencies": {
17   |   "jshint": "^2.9.5"
18 }
19 }
20
```

● README.md - Applications - Visual Studio Code

File Edit Selection View Go Run Terminal Help



The screenshot shows the VS Code interface. The Explorer sidebar on the left shows a file named 'README.md' under a folder '12. DevDependencies'. The main editor area displays a terminal window with the following command and output:

```
dandy@My-Ubuntu:~/Keep/Node.js/03. Node Package Manager/Applications/12. DevDependencies$ 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 ;
```

The screenshot shows a VS Code editor interface. On the left, the file explorer displays a list of files under the 'APPLICATIONS' folder, including '01. Introduction', '02. Package.json', '03. Installing a Node Package', '04. Using a Package', '05. Package Dependencies', '06. NPM Packages and Source Control', '07. Semantic Versioning', '08. Listing the Installed Packages', '09. Viewing Registry Info for a Package', '10. Installing a Specific Version of a Package', '11. Updating Local Packages', '12. DevDependencies', '13. Uninstalling a Package', '14. Working with Global Packages', '15. Publishing a Package', '16. Updating a Published Package', and '17. NPM Recap'. The '12. DevDependencies' file is selected. The terminal window in the center shows the following output:

```
[sudo] password for dandy:
Write to /home/dandy/Keep/Node.js/03. Node Package Manager/Applications/12. DevDependencies/npm-demo/package.json:

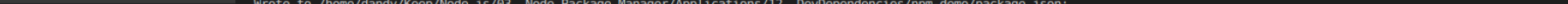
{
  "name": "npm-demo",
  "version": "1.0.0",
  "description": "",
  "main": "index.js",
  "scripts": {
    "test": "echo \"Error: no test specified\" && exit 1"
  },
  "keywords": [],
  "author": "",
  "license": "ISC"
}

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
```

The code editor on the right shows the contents of the 'package.json' file, which is a JSON object with the following properties:

```
{
  "name": "npm-demo",
  "version": "1.0.0",
  "description": "",
  "main": "index.js",
  "scripts": {
    "test": "echo \"Error: no test specified\" && exit 1"
  },
  "keywords": [],
  "author": "",
  "license": "ISC"
}
```



The screenshot shows a terminal window with the following commands and output:

```
dandy@My-Ubuntu:~/Keep/Node.js/03. Node Package Manager/Applications/12. DevDependencies$ 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] password for dandy:
Wrote to /home/dandy/Keep/Node.js/03. Node Package Manager/Applications/12. DevDependencies/npm-demo/package.json:
```

A screenshot of a code editor interface. On the left, a file explorer sidebar shows a list of files: 02. Package.json, 03. Installing a Node Package, 04. Using a Package, 05. Package Dependencies, 06. NPM Packages and Source Control, 07. Semantic Versioning, 08. Listing the Installed Packages, 09. Viewing Registry Info for a Package, 10. Installing a Specific Version of a Package, and 11. Updating Local Packages. The file 02. Package.json is selected. On the right, the code editor displays the content of package.json, which is a JSON object with the following properties: "name": "npm-demo", "version": "1.0.0", "description": "", "main": "index.js", "scripts": { "test": "echo \"Error: no test specified\" && exit 1" }, "keywords": [], "author": "", "license": "ISC".

```
> 13. Uninstalling a Package
> 14. Working with Global Packages
> 15. Publishing a Package
```

```
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.
```

```
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

```

```
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
```

> OUTLINE

master\* 0 0 0 0 1 ✓ markdown | ✓ README.md Ln 1, Col 156 (152 selected) Spaces: 4 UTF-8 LF Markdown ↺ 🔍

% master\* | ↺ 🔍 ⌕ 📄 | ✓ markdown | ✓ README.md | Ln 1, Col 156 (152 selected) | Spaces: 4 | UTF-8 | LF | Markdown | 🔄

Activities

Visual Studio Code

164B/s

226B/s

Thu 02:22

README.md - Applications - Visual Studio Code

File

Edit

Selection

View

Go

Run

Terminal

Help

EXPLORER

OPEN EDITORS

APPLICATIONS

01. Introduction

02. Package.json

03. Installing a Node Package

04. Using a Package

05. Package Dependencies

06. NPM Packages and Source Control

07. Semantic Versioning

08. Listing the Installed Packages

09. Viewing Registry Info for a Package

10. Installing a Specific Version of a Package

11. Updating Local Packages

12. DevDependencies

npm-demo

README.md

13. Uninstalling a Package

14. Working with Global Packages

15. Publishing a Package

16. Updating a Published Package

17. NPM Recap

12. DevDependencies > 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 jshint --save-dev

2 // sudo npm i jshint --save-dev : Dependencies will be saved under 'devDependencies' it can be easily handled as it will not affect the production environment.

3 // JSHint is a static code analysis tool used in software development for checking if JavaScript source code complies with coding rules. JSHint was created in 2011 by Anton Kovalyov as a fork of the JSLint project. Anton and others felt JSLint was getting "too opinionated", and did not allow enough customization options.

DEBUG CONSOLE

PROBLEMS

OUTPUT

TERMINAL

13: bash

dandy@My-Ubuntu:~/Keep/Node.js/03. Node Package Manager/Applications/12. DevDependencies/npm-demo\$ sudo npm i jshint --save-dev

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 5.271s

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/12. DevDependencies/npm-demo\$

master\*

0

0

0

2

markdown

README.md

Ln 3, Col 323

Spaces: 4

UTF-8

LF

Markdown