

# npm

Enjoy this cheat sheet at its fullest within Dash, the macOS documentation browser.

## Getting Started

List everything you have installed in the current directory

```
npm ls
```

Search the registry for packages matching terms

```
npm search [search terms]
```

Install a package

```
npm install [<name> [<name> ...]] [--save|--save-dev|--save-optional]
```

This command installs a package, or packages, and any packages that it depends on in the current directory. If the package has a shrinkwrap file, the installation of dependencies will be driven by that.

If no `package.json` exists, these options are ignored. If it exists, they'll update them if they are already there.

- `--save`: Package will appear in your dependencies.
- `--save-dev`: Package will appear in your devDependencies.
- `--save-optional`: Package will appear in your optionalDependencies.
- `--global`: Package will be installed globally (if you want to use it as a command line tool for example)

Install a package in the version

```
npm install <module-name>@<version-name>
```

Uninstall a package, completely removing everything npm installed on its behalf

```
npm uninstall
```

Update all the packages listed to the latest version (specified by the tag config). Also install missing packages

```
npm update [<name> [<name> ...]]
```

Update the global npm version

```
npm update npm -g
```

Display the README.md / documentation / npmjs.org page of a give library

```
npm docs <module-name>
```

Run package test suite, based on setup in package.json in

```
"scripts" : {"test" : "node testfile.js"}
```

List outdated libraries compared to currently installed node\_modules

```
npm outdated
```

Lock down dependency versions

```
npm shrinkwrap
```

## Develop

Interactively create a package.json file

```
npm init
```

Asks you a bunch of questions, and then writes a package.json for you. If you already have a package.json file, it'll read that first, and default to the options in there.

Install a git specific release

```
npm install git://github.com/Marak/colors.js#v0.6.0
```

Locally edit a dependency

```
npm edit <module_name>
```

Setup editor for npm edit

```
npm config set editor "sublime"
```

Publish a package not under the default "latest" tag

```
npm publish --tag beta
```

You can modify and improve this cheat sheet [here](#)