



Embrace the challenge

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Node package management



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Introducción



Essential JavaScript development tools that help you go to market faster and build powerful applications using modern open source code.

| Yarn y Npx



yarn



Npx

```
1 ./node_modules/.bin/eslint yourfile.js
```

```
1 npx eslint yourfile.js
```

```
1 npm install -g create-react-app  
2 create-react-app my-app</pre>
```

```
1 npx create-react-app my-app
```

Comandos básicos

- `npm init`
- `npm install nombrePackage@1.9.1`
- `npm uninstall nombrePackage`
- `npm update nombrePackage`
- `npm run audit`
- `npm audit fix`
- `npm i <package>` – install local package
- `npm i -g </package><package>` – install global package
- `npm un </package><package>` – uninstall local package
- `npm up` – npm update packages
- `npm t` – run tests
- `npm ls` – list installed modules
- `npm ll` or `npm la` – print additional package information while listing modules

Package.json

name
version
description
entry point
git repository
keywords
author
contributors

```
{
  "name": "create-react-app-redux-saga-material-ui",
  "version": "1.0.0",
  "private": true,
  "devDependencies": {
    "@testing-library/cypress": "4.0.3",
    "@testing-library/react": "8.0.1",
    "@types/jest": "24.0.15",
    "cypress": "3.3.1",
    "eslint-config-airbnb": "17.1.0",
    "eslint-plugin-eslint-comments": "3.1.1",
    "eslint-plugin-jest": "22.6.4",
  },
  "dependencies": {
    "@date-io/core": "1.3.7",
    "@date-io/moment": "1.3.7",
    "@material-ui/core": "4.1.1",
    "apisauce": "1.0.2",
    "connected-react-router": "6.4.0",
  },
  "scripts": {
    "start": "react-scripts start",
    "build": "react-scripts build",
    "test": "react-scripts test",
    "eject": "react-scripts eject",
    "start:prod": "react-scripts build && serve -s build",
    "e2e:open": "cypress open",
    "e2e:run": "cypress run",
    "lint": "eslint .",
    "lint:fix": "eslint --fix .",
    "lint:check": "eslint --print-config . | eslint-config-prettier-check",
    "pretty": "prettier --write **/*.css,html,js,json,jsx"
  },
  "eslintConfig": {
    "extends": "react-app"
  },
}
```


Package.json

^ → Últimos 2 dígitos
~ → Último dígito

```
{ package.json ▶ ...  
1  {  
2    "name": "achs-web-app",  
3    "version": "0.1.0",  
4    "private": true,  
5    "dependencies": {  
6      "@aspnet/signalr": "^1.1.0",  
7      "@types/devextreme": "^16.2.1",  
8      "ajv": "^6.0.0",  
9      "connected-react-router": "^4.5.0",  
10     "devextreme": "18.2.3",  
11     "devextreme-react": "18.1.6-alpha.11",  
12     "file-saver": "^2.0.1",  
13     "history": "4.7.2",  
14     "html2canvas": "^1.0.0-alpha.12",  
15     "intl": "^1.2.5",  
16     "intl-locales-supported": "^1.0.0",  
17     "jsonwebtoken": "^8.3.0",  
18     "jspdf": "^1.5.3",  
19     "moment": "^2.22.2",  
20     "node-sass": "^4.11.0",  
21     "npm": "^6.5.0",
```

Comandos básicos y de mantención de package

- npm-check

Options

-u, --update	Interactive update.
-y, --update-all	Uninteractive update. Apply all updates without prompt.
-g, --global	Look at global modules.
-s, --skip-unused	Skip check for unused packages.
-p, --production	Skip devDependencies.
-d, --dev-only	Look at devDependencies only (skip dependencies).
-i, --ignore	Ignore dependencies based on succeeding glob.
-E, --save-exact	Save exact version (x.y.z) instead of caret (^x.y.z).
--specials	List of depcheck specials to include in check for unused.
--no-color	Force or disable color output.
--no-emoji	Remove emoji support. No emoji in default in CI env.
--debug	Show debug output. Throw in a gist when creating issue.

```
~/projects/deskdrive X master > npm-check -u
? Choose which packages to update. (Press <space> to select)

Missing. You might want to install these.
> @lodash missing 3.10.1 https://lodash.com/

Patch Update Backwards-compatible bug fixes.
@angular 1.4.4 > 1.4.5 http://angularjs.org
@angular-animate 1.4.4 > 1.4.5 http://angularjs.org
@angular-aria 1.4.4 > 1.4.5 http://angularjs.org
@babel devDep 5.8.21 > 5.8.23 https://babeljs.io/
gulp-babel devDep 5.2.0 > 5.2.1 https://github.com/babel/gulp-babel#readme
del devDep 1.2.0 > 1.2.1 https://github.com/sindresorhus/del
gulp-minify-css devDep 1.2.0 > 1.2.1 https://github.com/murphydanger/gulp-minify-css#readme
gulp-watch devDep 4.3.4 > 4.3.5 https://github.com/flootdrop/gulp-watch

Minor Update New backwards-compatible features.
@gulp-uglify devDep 1.2.0 > 1.4.0 https://github.com/terinjokes/gulp-uglify/

Major Update Potentially breaking API changes, use caution.
@gulp-load-plugins devDep 0.10.0 > 1.0.0-rc.1 https://github.com/jackfranklin/gulp-load-plugins

Non-Semver Versions less than 1.0.0, caution.
@ng-input 0.0.7 > 0.0.8 https://github.com/cesardeazevedo/ng-input
@gulp-flatten devDep 0.0.4 > 0.2.0 https://github.com/armed/gulp-flatten

Space to select. Enter to start upgrading. Control-C to cancel.
```

```
~/projects/deskdrive X master > npm-check

angular UPDATE! Your local install is out of date.
npm install angular to go from 1.4.4 to 1.4.5

angular-animate UPDATE! Your local install is out of date.
npm install angular-animate to go from 1.4.4 to 1.4.5

angular-aria UPDATE! Your local install is out of date.
npm install angular-aria to go from 1.4.4 to 1.4.5

chrome-native-messaging NOTUSED? Possibly never referenced in the code.
npm uninstall --save chrome-native-messaging to remove.

lodash MISSING! In package.json but not installed.

ng-input NEW VER! NonSemver update available: https://github.com/cesardeazevedo/ng-input
npm install --save ng-input@0.0.8 to go from 0.0.7 to 0.0.8
```

Comandos de package en package.json

Husky
Pretty
Eslint

```
{  
  "hooks": {  
    "pre-commit": "lint-staged && eslint .",  
    "pre-push": "eslint ."  
  }  
}
```

```
{  
  "name": "vs-sitio-privado",  
  "version": "0.0.0",  
  "scripts": {  
    "ng": "ng",  
    "start": "ng serve -o",  
    "build": "ng build",  
    "test": "ng test",  
    "lint": "ng lint",  
    "e2e": "ng e2e",  
    "hmr": "ng serve --configuration hmr --hmr -o"  
  },  
  "private": true,  
  "husky": {  
    "hooks": {  
      "pre-commit": "pretty-quick --staged && ng lint",  
      "pre-push": "ng build --aot true"  
    }  
  }  
}
```

Package-lock.json

- Name
- Version
- lockfileVersion
- Dependencies

```
100, 20 days ago | 2 authors (Artour Garaev and others)
{
  "name": "vs-sitio-privado",
  "version": "0.0.0",
  "lockfileVersion": 1,
  "requires": true,
  "dependencies": {
    "@angular-devkit/architect": {
      "version": "0.11.4",
      "resolved": "https://registry.npmjs.org/@angular-devkit/architect/-/architect-0.11.4.tgz",
      "integrity": "sha512-2zi6S9tPlk52vyqN67IvFoeNgd0uxtrPlw13TdvJ3wrH7sYGJnkQ+EzAE7cKUGWAV989BbNtx2YxhRDHnN21Fg==",
      "dev": true,
      "requires": {
        "@angular-devkit/core": "7.1.4",
        "rxjs": "6.3.3"
      }
    },
    "@angular-devkit/build-angular": {
      "version": "0.11.4",
      "resolved": "https://registry.npmjs.org/@angular-devkit/build-angular/-/build-angular-0.11.4.tgz",
      "integrity": "sha512-5WQAQB4heDqAotqjU3Tl8Ons0S/e16dKwVkJFdqfKPyBgmU4CyUH35eTV+i6i7un1Elg65U5GnA4MiUtApqVyw==",
      "dev": true,
      "requires": {
        "@angular-devkit/architect": "0.11.4",
        "@angular-devkit/build-optimizer": "0.11.4",
        "@angular-devkit/build-webpack": "0.11.4",
        "@angular-devkit/core": "7.1.4",
        "@ngtools/webpack": "7.1.4",
        "ajv": "6.5.3",
        "autoprefixer": "9.3.1",
        "circular-dependency-plugin": "5.0.2",
        "clean-css": "4.2.1",
        "copy-webpack-plugin": "4.5.4",
        "file-loader": "2.0.0",
        "glob": "7.1.3",
        "istanbul": "0.4.5",
        "istanbul-instrumenter-loader": "3.0.1",
        "karma-source-map-support": "1.3.0",

```

Cuándo

...Necesidad
...Experiencia
...Tiempo

clon

1.0.0 • Public • Published 3 years ago

Readme

0 Dependencies

1 Dependents

1 Versions

clon

build passing downloads 9/month code style standard

Fast-clones an object using `JSON.parse(JSON.stringify(obj))`

Note: This function will throw if your object is not JSON serializable.

install

```
> npm i clon
```

± weekly downloads

2



6 lines (4 sloc) | 88 Bytes

```
1  module.exports = clon
2
3  function clon (obj) {
4    return JSON.parse(JSON.stringify(obj))
5  }
```

Criteria

- **Popularity**
- **Quality**
- **Maintenance**
- **Optimal**

NPMCompare				
connect × express × koa × Add NPM Packages				
Comparing connect vs. express vs. koa				
Licenses	MIT	MIT	MIT	MIT
Created	8 years ago (Dec, 2010)	8 years ago (Dec, 2010)		6 years ago (Nov, 2013)
Modified	16 days ago	23 days ago		3 months ago
Total Versions	234	263		81
Version Average	every 13 days	every 12 days		every 25 days
Maintainers	2	3		5
Dependencies	4	30		24
Daily Downloads	560,674	1,732,315		62,295
Weekly Downloads	2,809,184	9,466,930		337,983
Monthly Downloads	11,688,475	40,183,845		1,403,693
Open Issues	2	164		44
Open Pull Requests	1	30		17

Crear tu propio package

- Carpeta Principal
- Bin
- Lib
- Test
- Npmignore
- Package.json

```
{
  "name": "node-fuzzy",
  "version": "1.0.2",
  "description": "Búsqueda Fuzzy sobre un Array Object",
  "keywords": [
    "search",
    "search deep",
    "fuzzy"
  ],
  "engines": {
    "node": ">= 0.1"
  },
  "main": "./lib/node-fuzzy",
  "directories": {
    "test": "test"
  },
  "scripts": {
    "test": ""
  },
  "repository": {
    "type": "git",
    "url": "git+https://github.com/xxxxxxx/node-fuzzy.git"
  },
  "author": "nombre autor",
  "maintainers": [
    "peraferrer <xxxxxxx@gmail.com>"
  ],
  "bugs": {
    "url": "https://github.com/peraferrer/node-fuzzy/issues"
  },
  "homepage": "https://github.com/peraferrer/node-fuzzy#readme",
  "dependencies": {
    "underscore": "^1.8.3"
  }
}
```

