



The image shows a screenshot of the Visual Studio Code (VS Code) editor interface. On the left, the 'EXPLORADOR' (Explorer) sidebar is visible, showing a project named 'PROYECTO1'. Under this project, there are two files: '.vscode' and 'package.json'. The 'package.json' file is selected and highlighted. The main editor area on the right displays the content of the 'package.json' file. The file is a JSON object with the following structure:

```
1 {
2   "name": "proyecto1",
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 }
```

The editor shows line numbers from 1 to 13. The 'scripts' section is expanded, showing the 'test' script. The status bar at the bottom of the editor indicates 'Depuración de p'.

```
{ package.json > ...
1  {
2    "name": "proyecto1",
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   "devDependencies": {
13     "@angular/cli": "^13.3.7"
14   }
15 }
```

```
{ package.json > ...
1  {
2    "name": "proyecto1",
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     "@angular/cli": "^13.3.7"
14   }
15 }
```

```
{ } package.json > ...
```

```
1  {
2    "name": "proyecto1",
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   "devDependencies": {
13     "@angular/cli": "13.3.6"
14   }
15 }
```

PATCH

MINOR

MAJOR

~ = actualiza la versión del PATCH (último número).

^ = actualiza la versión MINOR y PATCH (los dos últimos números).

* = actualiza la versión MAJOR, MINOR y PATCH(todo).

En el install por defecto, se muestra ^, es decir, se actualizará, MINOR Y PATCH

```
{ } package.json > ...
```

```
12   "devDependencies": {
13     "@angular/cli": "13.3.6"
14   },
15   "dependencies": {
16     "yeoman-generator": "^5.6.1"
17   }
```

dependencia desarrollo

dependencia producción

PROBLEMAS SALIDA CONSOLA DE DEPURACIÓN TERMINAL

Usuario@DESKTOP-HFFKCOA MINGW64 ~/proyectos vscode/proyecto1 (master)

```
$ npm install --omit=dev
```

up to date, audited 117 packages in 674ms

15 packages are looking for funding
run `npm fund` for details

found 0 vulnerabilities

Usuario@DESKTOP-HFFKCOA MINGW64 ~/proyectos vscode/proyecto1 (master)

```
$ npm list
```

proyecto1@1.0.0 C:\Users\Usuario\proyectos vscode\proyecto1

```
├── UNMET DEPENDENCY @angular/cli@13.3.6
└── yeoman-generator@5.6.1
```

dependencias desarrollo omitido

dependencias de producción instaladas

```

Usuaric@DESKTOP-HFFKCOA MINGW64 ~/proyectos vscode/proyecto1 (master)
$ npm search angular

```

NAME	DESCRIPTION	AUTHOR	DATE	VERSION	KEYWORDS
@angular/material	Angular Material	=angular..	2022-05-25	13.3.8	angular material material design components
@angular/cli	CLI tool for Angular	=angular..	2022-05-25	13.3.7	angular Angular CLI devkit sdk Angular DevKit angular-cli
@angular/cdk	Angular Material...	=angular..	2022-05-25	13.3.8	angular cdk component development kit
@angular-devkit/core	Angular DevKit -...	=angular..	2022-05-25	13.3.7	angular Angular CLI devkit sdk Angular DevKit core
@angular/core	Angular - the core...	=angular..	2022-05-25	13.3.10	

```

Usuaric@DESKTOP-HFFKCOA MINGW64 ~/proyectos vscode/proyecto1 (master)
$ npm show @angular/cli versions
[
  '1.0.0-beta.28.3', '1.0.0-beta.29', '1.0.0-beta.30', '1.0.0-beta.31',

```

```

Usuaric@DESKTOP-HFFKCOA MINGW64 ~/proyectos vscode/proyecto1 (master)
$ npm list
proyecto1@1.0.0 C:\Users\Usuario\proyectos vscode\proyecto1
├─ @angular/cli@13.3.7

Usuaric@DESKTOP-HFFKCOA MINGW64 ~/proyectos vscode/proyecto1 (master)
$ npm list -g
C:\Users\Usuario\AppData\Roaming\npm
├─ (empty)

```

- A nivel de proyecto.
- A nivel global.

```

Usuaric@DESKTOP-HFFKCOA MINGW64 ~/proyectos vscode/proyecto1 (master)
$ npm doctor

```

Check	Value	Recommendation/Notes
npm ping	ok	
npm -v	not ok	Use npm v8.11.0
node -v	ok	current: v16.15.0, recommended: v16.15.0
npm config get registry	ok	using default registry (https://registry.npmjs.org/)
which git	ok	C:\Program Files\Git\mingw64\bin\git.EXE
Verify cache contents	ok	verified 3 tarballs

```

npm ERR! Some problems found. See above for recommendations.

npm ERR! A complete log of this run can be found in:
npm ERR! C:\Users\Usuario\AppData\Local\npm-cache\_logs\2022-05-30T12_34_32_903Z-debug-0.log

```

```
Usuaric@DESKTOP-HFFKCOA MINGW64 ~/proyectos vscode/proyecto1 (master)
```

```
$ npm outdated
```

<u>Package</u>	<u>Current</u>	<u>Wanted</u>	<u>Latest</u>	<u>Location</u>	<u>Depended by</u>
@angular/cli	13.3.6	13.3.6	13.3.7	node_modules/@angular/cli	proyecto1

```
Usuaric@DESKTOP-HFFKCOA MINGW64 ~/proyectos vscode/proyecto1 (master)
```

```
$ npm outdated --location=global
```

{ } package.json M X

{ } package.json > ...

```
1  {
2    "name": "proyecto1",
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   "devDependencies": {
13     "@angular/cli": "13.3.6"
14   },
15   "dependencies": {
16     "yeoman-generator": "^4.0.0"
17   }
18 }
```

PROBLEMAS SALIDA CONSOLA DE DEPURACIÓN TERMINAL

Usuario@DESKTOP-HFFKCOA MINGW64 ~/proyectos vscode/proyecto1 (master)

\$ npm outdated

Package	Current	Wanted	Latest	Location	Depended by
@angular/cli	13.3.6	13.3.6	14.0.0	node_modules/@angular/cli	proyecto1
yeoman-generator	4.0.0	4.13.0	5.6.1	node_modules/yeoman-generator	proyecto1

Usuario@DESKTOP-HFFKCOA MINGW64 ~/proyectos vscode/proyecto1 (master)

\$ npm update yeoman-generator

Usuario@DESKTOP-HFFKCOA MINGW64 ~/proyectos vscode/proyecto1 (master)

\$ npm list

```
proyecto1@1.0.0 C:\Users\Usuario\proyectos vscode\proyecto1
├── @angular/cli@13.3.6
└── yeoman-generator@4.0.2
```

{ } package.json M X

{ } package.json > ...

```
1  {
2    "name": "proyecto1",
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   "devDependencies": {
13     "@angular/cli": "13.3.6"
14   },
15   "dependencies": {
16     "yeoman-generator": "~4.0.0"
17   }
18 }
```

PROBLEMAS SALIDA CONSOLA DE DEPURACIÓN TERMINAL

Usuario@DESKTOP-HFFKCOA MINGW64 ~/proyectos vscode/proyecto1 (master)

\$ npm outdated

Package	Current	Wanted	Latest	Location	Depended by
@angular/cli	13.3.6	13.3.6	14.0.0	node_modules/@angular/cli	proyecto1
yeoman-generator	<u>4.0.0</u>	4.13.0	5.6.1	node_modules/yeoman-generator	proyecto1

Usuario@DESKTOP-HFFKCOA MINGW64 ~/proyectos vscode/proyecto1 (master)

\$ npm update yeoman-generator

Usuario@DESKTOP-HFFKCOA MINGW64 ~/proyectos vscode/proyecto1 (master)

\$ npm list

proyecto1@1.0.0 C:\Users\Usuario\proyectos vscode\proyecto1

├─ @angular/cli@13.3.6

└─ yeoman-generator@4.13.0

```

{} package.json M X
{} package.json > ...
1  {
2    "name": "proyecto1",
3    "version": "1.0.0",
4    "description": "",
5    "main": "index.js",
6    "scripts": {
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8    },
9    "keywords": [],
10   "author": "",
11   "license": "ISC",
12   "devDependencies": {
13     "@angular/cli": "13.3.6"
14   },
15   "dependencies": {
16     "yeoman-generator": "*"
17   }
18 }

```

PROBLEMAS SALIDA CONSOLA DE DEPURACIÓN TERMINAL

Usuario@DESKTOP-HFFKCOA MINGW64 ~/proyectos vscode/proyecto1 (master)

\$ npm outdated

Package	Current	Wanted	Latest	Location	Depended by
@angular/cli	13.3.6	13.3.6	14.0.0	node_modules/@angular/cli	proyecto1
yeoman-generator	4.0.0	4.13.0	5.6.1	node_modules/yeoman-generator	proyecto1

Usuario@DESKTOP-HFFKCOA MINGW64 ~/proyectos vscode/proyecto1 (master)

\$ npm update yeoman-generator

Usuario@DESKTOP-HFFKCOA MINGW64 ~/proyectos vscode/proyecto1 (master)

\$ npm list

```

proyecto1@1.0.0 C:\Users\Usuario\proyectos vscode\proyecto1
├── @angular/cli@13.3.6
└── yeoman-generator@5.6.1

```



```
Usuari@DESKTOP-HFFKCOA MINGW64 ~/proyectos vscode/proyecto1 (master)
$ npm audit
found 0 vulnerabilities
```