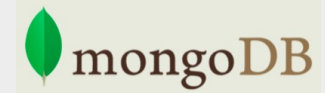




express



PostgreSQL

Iniciando Proyecto.

```
amsefs@amsefs:~/Documentos/TSJ-2021/AppApi$ npm init -y  
Wrote to /home/amsefs/Documentos/TSJ-2021/AppApi/package.json:
```

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

Instalando:

- framework express.
- Modulos pg y pg-hstore.
- ORM: sequelize
- Morgan: permiten ver por consola las peticiones http que llegan al servidor.
- @babel/polyfill: permite escribir codigo moderno de javascript.

```
amsefs@amsefs:~/Documentos/TSJ-2021/AppApi$ npm install express pg pg-hstore sequelize morgan @babel/polyfill --save
npm WARN deprecated @babel/polyfill@7.12.1: This package has been deprecated in favor of separate inclusion of a polyfill and regenerator-runtime
(when needed). See the @babel/polyfill docs (https://babeljs.io/docs/en/babel-polyfill) for more information.
npm WARN deprecated core-js@2.6.12: core-js@<3 is no longer maintained and not recommended for usage due to the number of issues. Please, upgrade you
r dependencies to the actual version of core-js@3.

> core-js@2.6.12 postinstall /home/amsefs/Documentos/TSJ-2021/AppApi/node_modules/core-js
> node -e "try{require('./postinstall')}catch(e){}"

Thank you for using core-js ( https://github.com/zloirock/core-js ) for polyfilling JavaScript standard library!

The project needs your help! Please consider supporting of core-js on Open Collective or Patreon:
> https://opencollective.com/core-js
> https://www.patreon.com/zloirock

Also, the author of core-js ( https://github.com/zloirock ) is looking for a good job -)

npm notice created a lockfile as package-lock.json. You should commit this file.
npm WARN AppApi@1.0.0 No description
npm WARN AppApi@1.0.0 No repository field.

+ express@4.17.1
+ pg-hstore@2.3.3
+ pg@8.6.0
+ morgan@1.10.0
+ sequelize@6.6.2
+ @babel/polyfill@7.12.1
added 97 packages from 125 contributors and audited 97 packages in 16.623s

1 package is looking for funding
  run `npm fund` for details

found 0 vulnerabilities
```

Instalando:

- framework express.
- Modulos pg y pg-hstore.
- ORM: sequelize
- Morgan: permiten ver por consola las peticiones http que llegan al servidor.
- @babel/polyfill: permite escribir codigo moderno de javascript.

```
amsefs@amsefs:~/Documentos/TSJ-2021/AppApi$ cat package.json
{
  "name": "AppApi",
  "version": "1.0.0",
  "description": "",
  "main": "index.js",
  "scripts": {
    "test": "echo \"Error: no test specified\" && exit 1"
  },
  "keywords": [],
  "author": "",
  "license": "ISC",
  "dependencies": {
    "@babel/polyfill": "^7.12.1",
    "express": "^4.17.1",
    "morgan": "^1.10.0",
    "pg": "^8.6.0",
    "pg-hstore": "^2.3.3",
    "sequelize": "^6.6.2"
  }
}
```

Instalando módulos complementarios de desarrollo babeljs :

- @babel/core: modulo de babel.
- @babel/cli: permite interactiva con babel desde consola.
- @babel/preset-env: permite utilizar las ultimas caracteriscas.

```
amsefs@amsefs:~/Documentos/TSJ-2021/AppApi$ npm install @babel/core @babel/cli @babel/preset-env --save-dev
npm WARN deprecated resolve-url@0.2.1: https://github.com/lydell/resolve-url#deprecated
npm WARN deprecated urix@0.1.0: Please see https://github.com/lydell/urix#deprecated
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@~2.3.1 (node_modules/chokidar/node_modules/fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@2.3.2: wanted {"os":"darwin","arch":"any"} (current: {"os":"linux","arch":"x64"})
npm WARN AppApi@1.0.0 No description
npm WARN AppApi@1.0.0 No repository field.

+ @babel/preset-env@7.14.2
+ @babel/core@7.14.2
+ @babel/cli@7.13.16
added 314 packages from 145 contributors and audited 412 packages in 36.652s

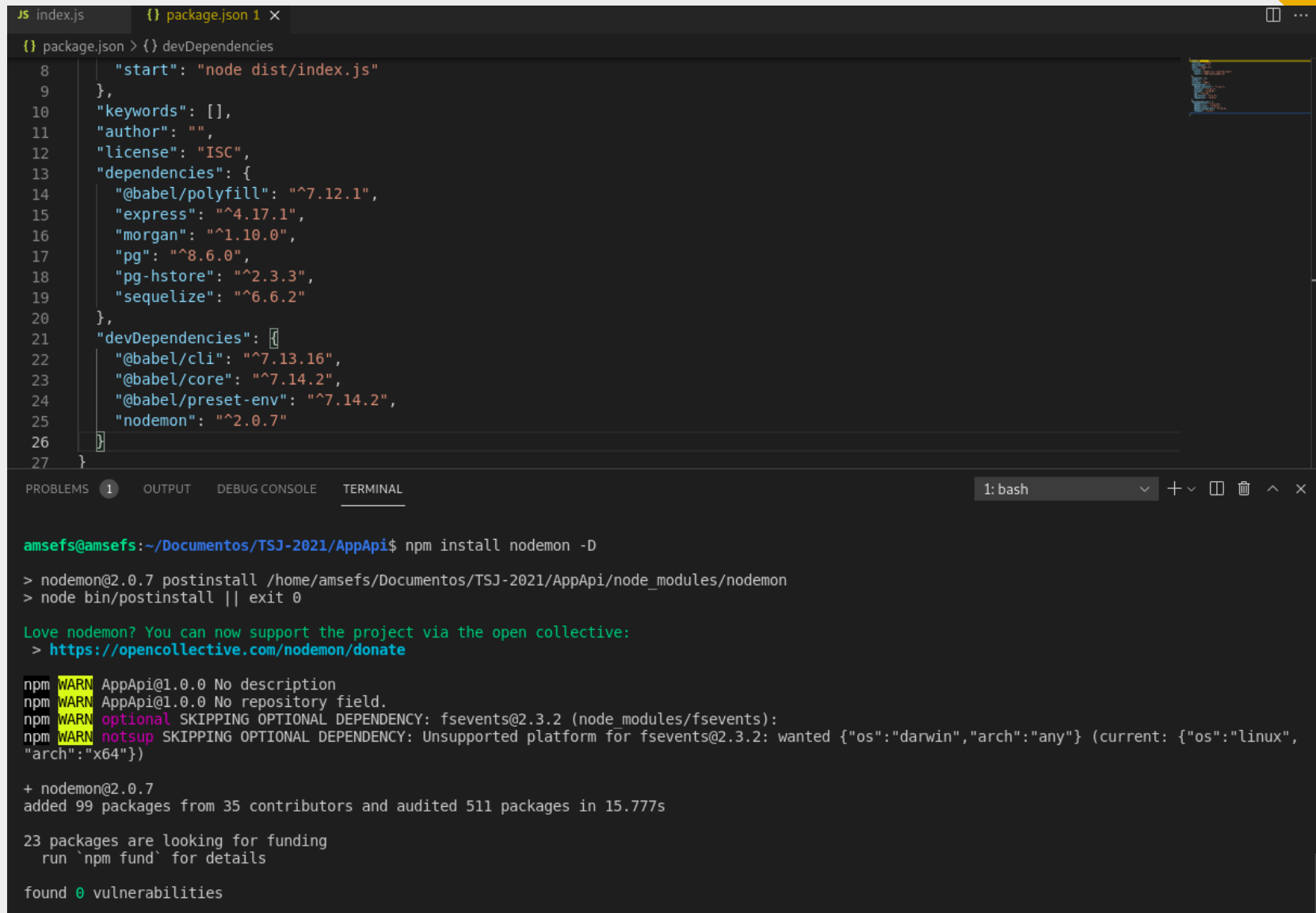
13 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities
```

Incorporando en package.json, babel,

```
JS index.js {} package.json 1 X
{} package.json > {} devDependencies > @babel/core
1 {
2   "name": "AppApi",
3   "version": "1.0.0",
4   "description": "",
5   "main": "index.js",
6   "scripts": {
7     "build": "babel src --out-dir dist"
8   },
9   "keywords": [],
10  "author": "",
11  "license": "ISC",
12  "dependencies": {
13    "@babel/polyfill": "^7.12.1",
14    "express": "^4.17.1",
15    "morgan": "^1.10.0",
16    "pg": "^8.6.0",
17    "pg-hstore": "^2.3.3",
18    "sequelize": "^6.6.2"
19  },
20  "devDependencies": {
21    "@babel/cli": "^7.13.16",
22    "@babel/core": "^7.14.2",
23    "@babel/preset-env": "^7.14.2"
24  }
25 }
26
```

Instalando modulo nodemon.



The screenshot shows a VS Code editor with two tabs: 'index.js' and 'package.json 1'. The 'package.json' tab is active, displaying the following JSON content:

```
{
  "start": "node dist/index.js",
  "keywords": [],
  "author": "",
  "license": "ISC",
  "dependencies": {
    "@babel/polyfill": "^7.12.1",
    "express": "^4.17.1",
    "morgan": "^1.10.0",
    "pg": "^8.6.0",
    "pg-hstore": "^2.3.3",
    "sequelize": "^6.6.2"
  },
  "devDependencies": {
    "@babel/cli": "^7.13.16",
    "@babel/core": "^7.14.2",
    "@babel/preset-env": "^7.14.2",
    "nodemon": "^2.0.7"
  }
}
```

Below the editor, the 'TERMINAL' panel is open, showing the output of the command `npm install nodemon -D`. The output includes the nodemon postinstall script, a message to support the project via the open collective, and npm warnings about missing fields and optional dependencies. The installation of nodemon@2.0.7 is successful, and the terminal shows the number of packages added and audited, along with a message about funding and vulnerabilities.

```
amsefs@amsefs:~/Documentos/TSJ-2021/AppApi$ npm install nodemon -D
> nodemon@2.0.7 postinstall /home/amsefs/Documentos/TSJ-2021/AppApi/node_modules/nodemon
> node bin/postinstall || exit 0

Love nodemon? You can now support the project via the open collective:
> https://opencollective.com/nodemon/donate

npm WARN AppApi@1.0.0 No description
npm WARN AppApi@1.0.0 No repository field.
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@2.3.2 (node_modules/fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@2.3.2: wanted {"os":"darwin","arch":"any"} (current: {"os":"linux","arch":"x64"})

+ nodemon@2.0.7
added 99 packages from 35 contributors and audited 511 packages in 15.777s

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

found 0 vulnerabilities
```

Instalando modulo @babel/node.

```
JS index.js {} package.json 1 x
{} package.json > {} devDependencies
8   "start": "node dist/index.js"
9 },
10 "keywords": [],
11 "author": "",
12 "license": "ISC",
13 "dependencies": {
14   "@babel/polyfill": "^7.12.1",
15   "express": "^4.17.1",
16   "morgan": "^1.10.0",
17   "pg": "^8.6.0",
18   "pg-hstore": "^2.3.3",
19   "sequelize": "^6.6.2"
20 },
21 "devDependencies": {
22   "@babel/cli": "^7.13.16",
23   "@babel/core": "^7.14.2",
24   "@babel/node": "^7.14.2",
25   "@babel/preset-env": "^7.14.2",
26   "nodemon": "^2.0.7"
27 }
28 }
29

PROBLEMS 1 OUTPUT DEBUG CONSOLE TERMINAL

amsefs@amsefs:~/Documentos/TSJ-2021/AppApi$ npm install @babel/node -D

> core-js@3.12.1 postinstall /home/amsefs/Documentos/TSJ-2021/AppApi/node_modules/@babel/node/node_modules/core-js
> node -e "try{require('./postinstall')}catch(e){}"

Thank you for using core-js ( https://github.com/zloirock/core-js ) for polyfilling JavaScript standard library!

The project needs your help! Please consider supporting of core-js on Open Collective or Patreon:
> https://opencollective.com/core-js
> https://www.patreon.com/zloirock

Also, the author of core-js ( https://github.com/zloirock ) is looking for a good job -)

npm WARN AppApi@1.0.0 No description
npm WARN AppApi@1.0.0 No repository field.
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@2.3.2 (node_modules/fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@2.3.2: wanted {"os":"darwin","arch":"any"} (current: {"os":"linux","arch":"x64"})

+ @babel/node@7.14.2
added 42 packages from 54 contributors and audited 553 packages in 8.533s

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

found 0 vulnerabilities
```


Cofigurando mode desarrollo

```
JS index.js  {} package.json 1 x
{} package.json > {} devDependencies
2  "name": "AppApi",
3  "version": "1.0.0",
4  "description": "",
5  "main": "index.js",
  ▶ Debug
6  "scripts": {
7    "dev": "nodemon src/index.js --exec babel-node",
8    "build": "babel src --out-dir dist",
9    "start": "node dist/index.js"
10 },
11 "keywords": [],
12 "author": "",
13 "license": "ISC",
14 "dependencies": {
15   "@babel/polyfill": "^7.12.1",
16   "express": "^4.17.1",
17   "morgan": "^1.10.0",
18   "pg": "^8.6.0",
19   "pg-hstore": "^2.3.3",
20   "sequelize": "^6.6.2"

```

PROBLEMS 1 OUTPUT DEBUG CONSOLE TERMINAL

```
found 0 vulnerabilities

amsefs@amsefs:~/Documentos/TSJ-2021/AppApi$ npm run dev
> AppApi@1.0.0 dev /home/amsefs/Documentos/TSJ-2021/AppApi
> nodemon src/index.js --exec babel-node

[nodemon] 2.0.7
[nodemon] to restart at any time, enter `rs`
[nodemon] watching path(s): *.*
[nodemon] watching extensions: js,mjs,json
[nodemon] starting `babel-node src/index.js`
[nodemon] clean exit - waiting for changes before restart

```

Creando la estructura del proyecto

```
> dist
> node_modules
> sql
✓ src
  > controllers
  > database
  > models
  ✓ routes
  JS app.js
  JS index.js
  B .babelrc
  {} package-lock.json
  {} package.json 1
```

GRACIAS