

# NPX

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# WHAT IS NPX?

It is a npm [package executor](#)

# HOW TO USE IT

It is included in npm version [5.2.0](#) (July 2017)

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It is included in npm version 5.2.0 (July 2017)

A terminal window with a light gray title bar containing three window control buttons (red, orange, green). The terminal content is on a dark background with green text.

```
1 npx create-react-app viade_en1b
```

# WHAT IT DOES

1. Download
2. Install
3. Execute
4. Delete

# ADVANTAGES

Always up-to-date packages

Testing CLI tools

# ISSUES

1. Asking Questions
2. Reporting Bugs
3. Asking for new Features

# THE PROJECT TEAM

Regular contributor

Issue tracker

Committer

Admin/Owner



# CONTRIBUTING

Answering issues

Documentation

Code

# CONTRIBUTING

Guidelines to follow when [PR](#), [Committing](#), creating an [Issue](#)...

# ISSUES

**BUGS**

**FEATURE REQUESTS**

# COMMITTS

**"WRITE TESTS THAT VERIFY THAT YOUR CONTRIBUTION WORKS AS EXPECTED."**

**"WRITE CLEAR, CONCISE COMMIT MESSAGE(S) USING CONVENTIONAL-CHANGELOG FORMAT."**

FEAT(PENCIL): ADD 'GRAPHITEWIDTH' OPTION

FIX(GRAPHITE): STOP GRAPHITE BREAKING WHEN WIDTH < 0.1

# BUG EXAMPLE



yafp commented on 2 Jan



## What / Why

I've added npx 10.2.0 today to my project (on an arch linux machine).

After that i did execute `npm audit` to check for vulnerabilities and got the following output.

```
found 51 vulnerabilities (10 low, 25 moderate, 16 high) in 5326 scanned packages
  51 vulnerabilities require manual review. See the full report for details.
```

[QUESTION] Vulnerabilities in npx 10.2.0



```
1 npm audit
```

```
D:\MiUsuario\Escritorio\EclipseStuff\tercero\ASW\Project\viade_en3a>npm audit
```

```
=== npm audit security report ===
```

```
# Run npm update @hapi/hoek --depth 6 to resolve 2 vulnerabilities
```

```
Low          Prototype Pollution
```

```
Package      @hapi/hoek
```

```
Dependency of react-scripts
```

```
Path         react-scripts > workbox-webpack-plugin > workbox-build >  
@hapi/joi > @hapi/hoek
```

```
More info    https://npmjs.com/advisories/1468
```

```
Low          Prototype Pollution
```

```
Package      @hapi/hoek
```

```
Dependency of react-scripts
```

```
Path         react-scripts > workbox-webpack-plugin > workbox-build >  
@hapi/joi > @hapi/topo > @hapi/hoek
```

```
More info    https://npmjs.com/advisories/1468
```

```
found 2 low severity vulnerabilities in 906399 scanned packages
```

```
run npm audit fix to fix 2 of them.
```





# 1 npm audit

```
Dependency of  npx
Path          npx > npm > npm-registry-client > request > hawk > sntp >
             hoek
More info     https://npmjs.com/advisories/566

Moderate     Prototype Pollution
Package      hoek
Patched in   > 4.2.0 < 5.0.0 || >= 5.0.3

Dependency of  npx
Path          npx > npm > request > hawk > sntp > hoek
More info     https://npmjs.com/advisories/566

High        Denial of Service
Package      https-proxy-agent
Patched in   >=2.2.0

Dependency of  npx
Path          npx > npm > pacote > make-fetch-happen > https-proxy-agent
More info     https://npmjs.com/advisories/593

High        Machine-In-The-Middle
Package      https-proxy-agent
Patched in   >=2.2.3
```

```
Dependency of npx
Path          npx > npm > pacote > make-fetch-happen > https-proxy-agent
More info    https://npmjs.com/advisories/1184
High        Regular Expression Denial of Service
```

# MODULES

Npx has been developed as a single module

`/bin, /locales, /test`

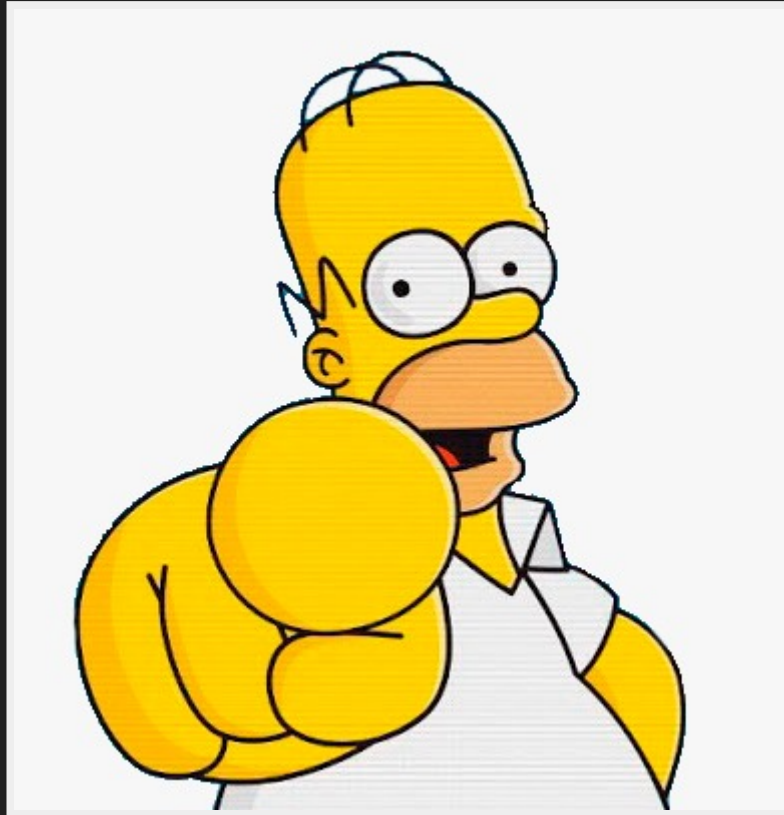
# STAKEHOLDERS



Kat Marchan



Isaac Z. Schlueter



You



yarn





# QUALITY ATTRIBUTES




**SECURITY**

**MAINTAINABILITY**

**USABILITY**

# HOW TO COMPILE?




```
1 git clone "https://github.com/npm/npx"  
2 cd npx
```

```


-rw-r--r-- 1 marcosalvarez staff 27935 Feb 26 19:28 CHANGELOG.md
-rw-r--r-- 1 marcosalvarez staff 10047 Feb 26 19:28 CODE_OF_CONDUCT.md
-rw-r--r-- 1 marcosalvarez staff 21302 Feb 26 19:28 CONTRIBUTING.md
-rw-r--r-- 1 marcosalvarez staff 187 Feb 26 19:28 ISSUE_TEMPLATE
-rw-r--r-- 1 marcosalvarez staff 755 Feb 26 19:28 LICENSE.md
-rw-r--r-- 1 marcosalvarez staff 665 Feb 26 19:28 Makefile
-rw-r--r-- 1 marcosalvarez staff 183 Feb 26 19:28 PULL_REQUEST_TEMPLATE
-rw-r--r-- 1 marcosalvarez staff 6461 Feb 26 19:28 README.md
-rw-r--r-- 1 marcosalvarez staff 392 Feb 26 19:28 appveyor.yml
-rw-r--r-- 1 marcosalvarez staff 1544 Feb 26 19:28 auto-fallback.js
drwxr-xr-x 5 marcosalvarez staff 170 Feb 26 19:28 bin
-rw-r--r-- 1 marcosalvarez staff 2253 Feb 26 19:28 child.js
-rw-r--r-- 1 marcosalvarez staff 1261 Feb 26 19:28 get-prefix.js
-rw-r--r-- 1 marcosalvarez staff 12920 Feb 26 19:28 index.js
drwxr-xr-x 25 marcosalvarez staff 850 Feb 26 19:28 locales
drwxr-xr-x 439 marcosalvarez staff 14926 Feb 26 19:28 node_modules
-rw-r--r-- 1 marcosalvarez staff 362149 Feb 26 19:28 package-lock.json
-rw-r--r-- 1 marcosalvarez staff 2072 Feb 26 19:28 package.json
-rw-r--r-- 1 marcosalvarez staff 7266 Feb 26 19:28 parse-args.js
drwxr-xr-x 10 marcosalvarez staff 340 Feb 26 19:28 test
-rw-r--r-- 1 marcosalvarez staff 390 Feb 26 19:28 util.js
-rw-r--r-- 1 marcosalvarez staff 490 Feb 26 19:28 y.js

```



```
1 npm install
2 make
3 cd bin/
```

```
-rw-r--r--    1 marcosalvarez  staff      282 Feb 26 19:28 index.js
drwxr-xr-x   131 marcosalvarez  staff    4454 Feb 26 19:29 node_modules
-rw-r--r--    1 marcosalvarez  staff    6862 Feb 26 19:28 npx.1
-rw-r--r--    1 marcosalvarez  staff  115718 Feb 26 19:29 package-lock.json
-rw-r--r--    1 marcosalvarez  staff     597 Feb 26 19:28 package.json
-rw-r--r--    1 marcosalvarez  staff     568 Feb 26 19:28 package.template.json
```



```
1 node index.js create-react-app [name-of-the-app]
```

```
npx: installed 99 in 6.41s
Please specify the project directory:
  create-react-app <project-directory>

For example:
  create-react-app my-react-app

Run create-react-app --help to see all options.
```

```
npx: installed 99 in 6.41s
Please specify the project directory:
  create-react-app <project-directory>

For example:
  create-react-app my-react-app

Run create-react-app --help to see all options.
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