naveennamani
Posted on 10 oct. 2021 • Updated on 8 mai 2022

💖 5   🦄 1

Offline documentation of tailwindcss in 5 easy steps

#tailwindcss   #documentation   #tutorial   #webdev

Offline documentation (3 Part Series)

1	Generate offline documentation of reactjs in 5 minutes
2	**Offline documentation of tailwindcss in 5 easy steps**
3	Introducing offline-docs, collection of scripts to generate offline d…

This post is a 2nd one in the **Offline documentation** series. If you're new here check out my first post.

Generate offline documentation of reactjs in 5 minutes

For more scripts like this, please visit my offline-docs github repo currently contains more than 30 scripts.

In this post, let's build the offline documentation for **tailwindcss**, my favorite utility first CSS framework, and my go to CSS framework for rapidly prototyping a design.

Getting the source code

The documentation for tailwindcss is available on tailwindcss.com website. We can easily find the source code for this website on github through a simple google search. It is hosted on github at https://github.com/tailwindlabs/tailwindcss.com.

Let us first download the source code and inspect.

```
git clone https://github.com/tailwindlabs/tailwindcss.com
cd tailwindcss.com
```

Open the code editor of your choice. If using vscode, just enter

```
code .
```

Understanding the tech stack

If we look at the files in the root directory, we can understand that

1. `next.config.js` - The website is written in nextjs
2. `tailwind.config.js` - The website is build using tailwindcss as the CSS framework (what else you expect?)
3. `yarn.lock` - using yarn as the package manager

For understanding the deployment process of nextjs, we can simply go to its corresponding documentation website. You can find the information in below links.

1. [Deployment | Next.js](#)
2. [Advanced features: Static HTML Export | Next.js](#)

package.json

Once you gain enough info on how deployment works, let's open `package.json` file and see if we have the required scripts already present. Luckily, we have the script **export** for generating static files. Our life has been made easier already.

```
"scripts": {
  "dev": "next dev",
  "build": "next build",
  "start": "next start",
  "export": "next build && next export",
  "format": "prettier '{src,remark,scripts}/**/*.{css,js,mdx}' --write'
},
```

Commands

Now we have enough information to generate the documentation.

1. Install all the dependencies using the `yarn` package manager.

```
yarn install
```

2. Run the build script using

```
 yarn export
```

This will generate the required static HTML, js, css and all assets in the **out** folder.

 3. Serve the documentation generated in **out** folder

```
cd out
python -m http.server // simpler
// Or if you prefer nodejs
yarn global add serve
serve
```

Congratulations! We now have tailwindcss documentation available offline.

If you would like to have offline documentation for any framework/library you require, please tell us in the comments.

Pro tip for vscode users
jsconfig.json

If you have the following directory structure

```
Home
\- components
   |- A.js
   |- B.js

utils
\- utils.js
```

and want to import `utils.js` in `A.js`, you need to use relative paths as follows

```
import utils from "../../utils/utils.js"
```

This makes it harder to follow the file being imported, and once you have a folder structure 3 or more levels deep, this makes it even harder to write the required imports keeping in mind all the folders.

jsconfig.json to the rescue!

You can use "compilerOptions" > "paths" dictionary to define the path mappings relative to the root of the project

relative to the root of the project.

```
{
    "compilerOptions": {
        "paths": {
            "@/utils/*": ["utils/*"],
            "@/home/*": ["Home/components/*"]
        },
    }
}
```

Now instead of all those relative paths to import utils, you can simply use

```
import utils from "@/utils/utils.js"
```

to import the utils, and to import `A.js` in any other file, we can write

```
import A from "@/home/A.js"
```

You can see this `jsconfig.json` file being used in the `tailwindcss.com` project. Go inspect the source code and have fun learning new things.

Happy coding!

Offline documentation (3 Part Series)

1	Generate offline documentation of reactjs in 5 minutes
2	**Offline documentation of tailwindcss in 5 easy steps**
3	Introducing offline-docs, collection of scripts to generate offline d…

Top comments (13) ⇕

Francis Ganya • 19 mai 22   • • •

Thanks for this dev

naveennamani 🏅 • 19 mai 22

Also visit my GitHub repo for even more such scripts. Consider giving it a like 🤗

naveennamani / **offline-docs**

A collection of scripts to build offline documentation for your favourite frameworks/libraries. Simply search, copy/paste the commands and enjoy.

Offline-docs

A collection of scripts to build offline documentation for your favourite frameworks/libraries. Simply search, copy/paste the commands and enjoy.

Available tools

Currently 37 tools available

- Backend
    - nodejs
- Blockchain
    - ethereum
    - hardhat
    - matic.js
        - Direct links
    - polygon (matic)

View on GitHub

Francis Ganya • 19 mai 22

Sure thing.

TajAlasfiyaa Ishag • 6 avr. 22

hello are still there

Paul Schraven • 11 nov. 21

It's "yarn global add serve" :)

naveennamani 🏅 • 12 nov. 21

Thanks for pointing out, fixed.

Mohd Rejoan • 20 nov. 21

everything works except last command "yarn"

naveennamani ☺ • 21 nov. 21

Are you able to run `yarn export` and see the generated static HTML files in out directory? If you're not able to install serve package using yarn, try installing it using npm, or run `npx serve`.

Comment deleted

naveennamani ☺ • 18 nov. 22

I'll try to look into this

arielmeee • 22 oct. 21

Thanks man! I also love how you point out that pro tip.

Dipesh Paudel • 9 nov. 22

Not working, need some updates maybe

naveennamani ☺ • 9 nov. 22

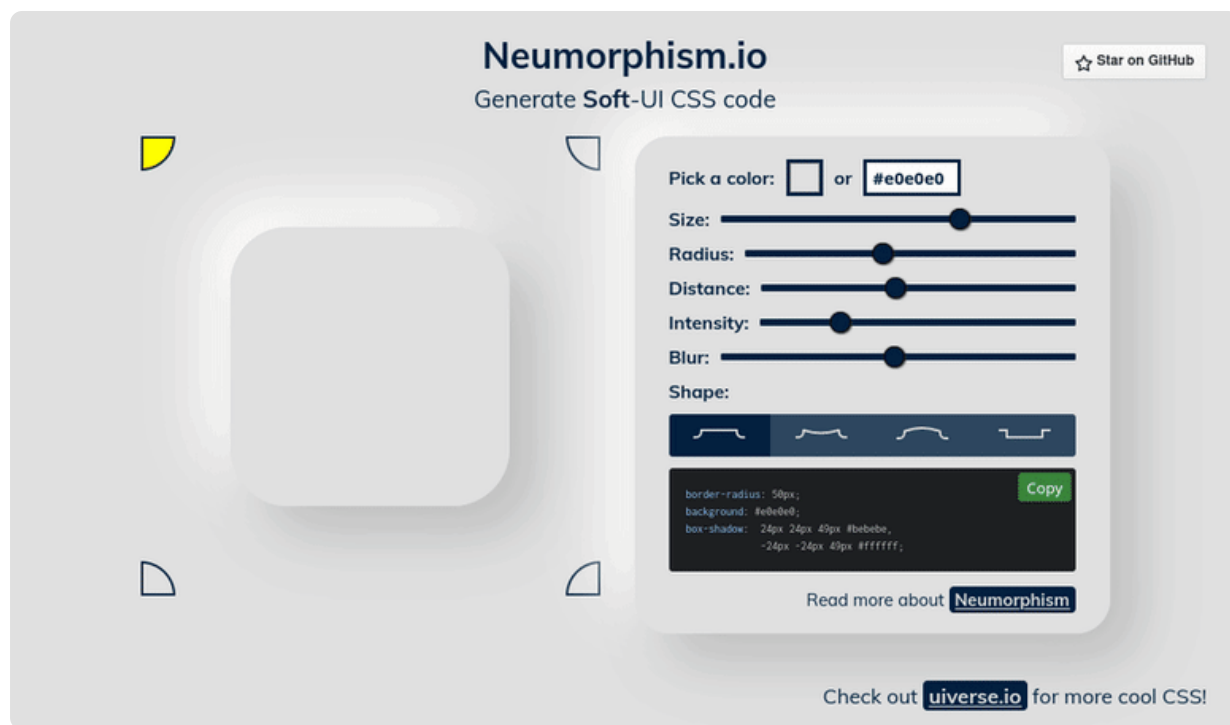Hi, can you please point out what error are you getting. I've no issue when I tried.

For the latest scripts you can always refer to my offline-docs repository. If you encounter any problems, you can also create a new issue in this repo.

DEV Community   •••

[Super Useful CSS Resources](#)

A collection of 70 hand-picked, web-based tools which are actually useful.
Each will generate pure CSS without the need for JS or any external libraries.

naveennamani

Open source lover, trying to learn things by rebuilding

LOCATION
India

JOINED
22 déc. 2020

More from naveennamani

Hacktoberfest: let's contribute to my project offline-docs

#hacktoberfest #documentation #beginners #webdev

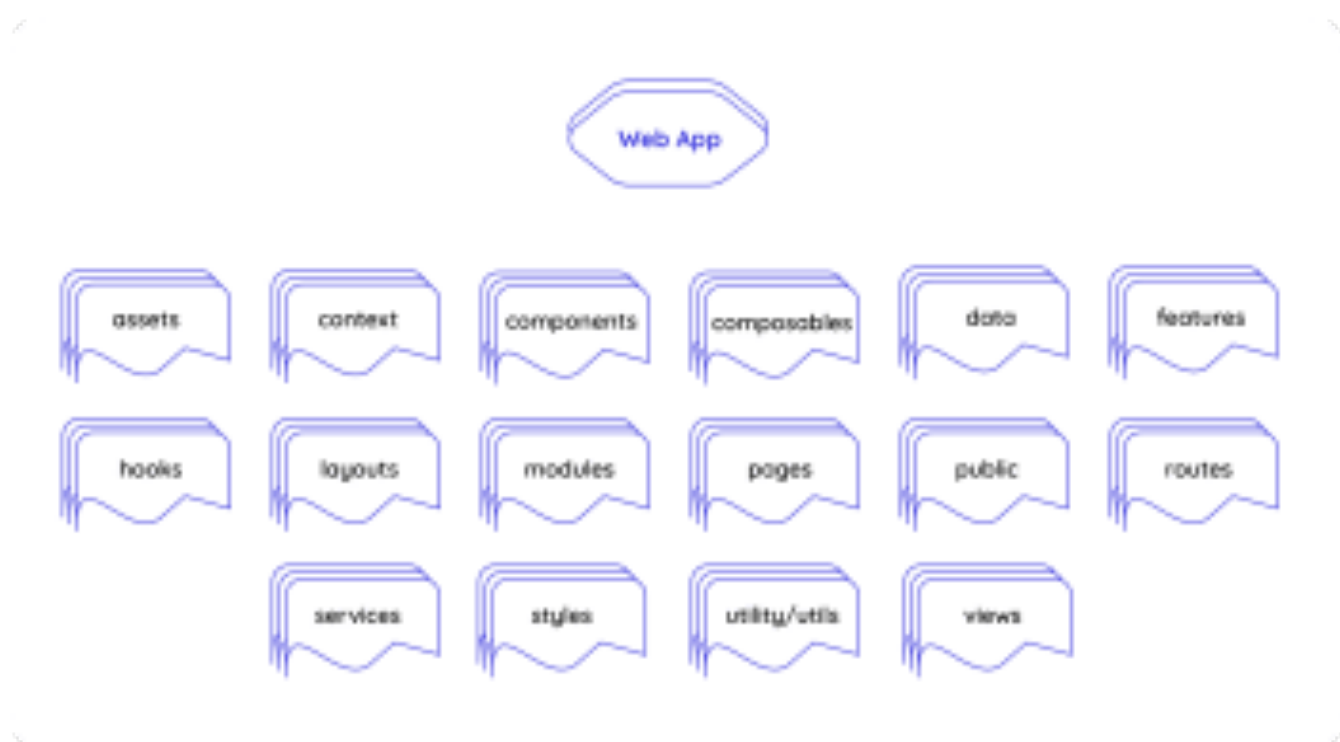Introducing offline-docs, collection of scripts to generate offline documentation of open-source projects

#documentation #showdev #productivity #discuss

Using vite-plugin-ssr with mdx-js, solving ESM only library problems, understanding vite configuration and writing vite plugins

#javascript #webdev #vite #react

DEV Community   •••

[Folder Structure for Modern Web Applications](#)

Maintaining a well-organized folder structure is crucial when developing web applications, as it helps organize code and assists other developers in understanding the app's architecture.

[Read full post](#)