

Supplementary notes REACT-APR24

Packages and web host used for listings-app:

1. Vite
<https://www.npmjs.com/package/vite>
2. React-dom
<https://www.npmjs.com/package/react-dom>
3. React-router-dom
<https://www.npmjs.com/package/react-router-dom>
4. Json-server
<https://www.npmjs.com/package/json-server>
5. Axios
<https://www.npmjs.com/package/axios>
6. Uuid
<https://www.npmjs.com/package/uuid>
7. Tailwind CSS
<https://www.npmjs.com/package/tailwindcss>
8. Netlify
<https://www.netlify.com/>

Scaffold a React project with Vite:

npm i vite

npm create vite@latest

Follow the prompts to name app directory and choose variants.

We chose React and JavaScript.

cd my-project

npm i

npm run dev

Install Tailwind as a dev dependency:

<https://tailwindcss.com/docs/guides/vite>

npm install -D tailwindcss postcss autoprefixer

npx tailwindcss init -p

add directives to top-level css file:

```
@tailwind base;  
@tailwind components;  
@tailwind utilities;
```

This tells Tailwind which files to watch as entry points:

```
JS main.js | JS tailwind.config.js ×
weather-app > JS tailwind.config.js > [🔗] default
1  /** @type {import('tailwindcss').Config} */
2  export default {
3    content: ["./**/*.{html,js}"],
4    theme: {
5      extend: {},
6    },
7    plugins: [],
8  };
9
```

[illegible]

FIX FOR BUILD PATHS TO WORK CORRECTLY IN A VITE BUILD - ADD/AMEND THIS LINE IN YOUR PACKAGE.JSON:

This is covered by section **Public Base Path** in docs:

FIX FOR REACT-ROUTER TO WORK CORRECTLY ON NETLIFY - ADD THIS FILE TO YOUR UPLOAD:

_redirects file (that's IT - NO extension!)

```
/* /index.html 200
```

This covered by section **History pushState and single-page apps** in docs:

Examine newly created/recreated **/dist** dir and launch the new index.html from here to preview on live server

MISC NOTES

<https://react.dev/learn/thinking-in-react>

<https://davededdia.com/useeffect-hook-examples/>

<https://create-react-app.dev/docs/getting-started/>

```
npm start
```

How to convert to and from JSON:

VIDEOS

Jake on socials: @jaffathecake

<https://twitter.com/una/status/1092122139627536386?s=21>

MODULE EXPORTS

<https://jakearchibald.com/2021/export-default-thing-vs-thing-as-default/>

HTML/CSS

<https://www.youtube.com/watch?v=qm0IfG1GyZU>

<http://dontpanic.website/tools/>

<https://tailwindcomponents.com/cheatsheet/>

Further self-study

<https://www.purereact.com/>

VS Code shortcuts - JS environment

[illegible]