

# PARCEL CLI FEB 23

command line steps

**mkdir managed-web-app**

**cd managed-web-app**

**npm init -y**

**npm i --save-dev parcel**

**//create index.js**

**// create index.html with script tags thus:**

**<script type="module" src="./index.js"></script>**

**package.json must be this:**

**"source": "src/index.html",**     *// replace main with this*

**"scripts": {**

**"start": "parcel",**

**"build": "parcel build"**

**},**

*(remove "main" key/value as this is meant for libraries not HTML files)*

run parcel:

**npm start**

this command (aliased parcel) builds as you go, so only need to run build command to force a build.

change preview from live server to localhost:1234

add really fast deep clone

**npm i rfdc**

add tailwind as dev dependency

**npm install -D tailwindcss postcss autoprefixer**

**npx tailwindcss init**

**swap in THIS line to tailwinds.config.js:**

content: ["/src/\*\*/\*.html,js"],

**correction 18 Nov 22**

**content: ["/\*\*/\*.html,js"],** *//no /src dir - DOES make a difference*

**tailwind.config.js** should look like **THIS:**

```
web-app-sep22-v3 > (); tailwind.config.js > [🔗] <unknown> > 🔑
1  /** @type {import('tailwindcss').Config} */
2  module.exports = {
3      content: ["./src/**/*.html", "./src/**/*.js"],
4      theme: {
5          extend: {},
6      },
7      plugins: [],
8  };
9
```

//postcss.config.js add in **BOLD**:

```
module.exports = {
  plugins: {
    tailwindcss: {},
    autoprefixer: {},
  }
}
```

**NOTE: plugins brackets in postcss config curlyes, square in tailwind config!**

```
package.json | (); tailwind.config.js | index.css | (); postcss.config.js
web-app-sep22-v3 > (); postcss.config.js > ...
1  module.exports = {
2      plugins: {
3          tailwindcss: {},
4          autoprefixer: {},
5      },
6  };
7
```

now add directives to main top-level CSS

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

good to go: your Tailwind classes should work now on any html element in your app. Also, the /dist directory will contain a single CSS

file with system rules, Tailwind rules, and your own custom rules all together in one place.

## BEFORE DEPLOY:

make sure script and style links in your `/dist/index.html` are manual edited to

**`./index...` (dot slash prepended to paths) OR JUST `index...` BUT NOT `/index...`**



```
JS2 > managed-web-app > dist > index.html > html > head
2  <html lang="en">
3    <head>
4      <meta charset="UTF-8" />
5      <meta http-equiv="X-UA-Compatible" content="IE=edge" />
6      <meta name="viewport" content="width=device-width, initial-scale=1.0" />
7      <title>MANAGED WEB APP</title>
8
9      <script src="./index.3d214d75.js" defer=""></script>
10     <link rel="stylesheet" href="./index.9e4c6fd2.css" />
11   </head>
12   <body></body>
13 </html>
```

## FIX FOR THIS:

<https://github.com/parcel-bundler/parcel/issues/7149>

<https://github.com/parcel-bundler/parcel/issues/8458>

"build": "parcel build src/index.html --public-url /some/path/",

**"build": "parcel build --public-url ./",**

**npm start**           *// launches dev server, watches index.js*

**npm run build**       *//builds /dist again, correct paths this time, no manual editing*