

# Setting Up Parcel with TypeScript

After completing the initial setup of your TypeScript project, follow these steps to get a development environment running in your browser.

## 1. TypeScript Entry Point

Inside `index.html`, add a script tag. Ensure the `type` is set to `module` so Parcel can handle the TypeScript compilation automatically.

```
<script type="module" src="./main.ts"></script>
```

In this example, `./main.ts` is used as the src - which means `index.html` is in the same folder. Make sure whatever file you use, the src attribute points to it with the correct path.

## 2. Install Parcel

From the root directory of your project, install Parcel as a dev dependency:

```
npm i --save-dev parcel
```

## 3. Update package.json

Replace `"main": "index.js"` with:

```
"source": "main.ts"
```

Add scripts (next to `"test"`):

```
"dev": "parcel index.html"
"build": "parcel build index.html"
```

The first script is for running the development server. The second is for creating a production ready build (for deployment).

## 4. Run the server

In the terminal, type:

```
npm run dev
```

Go to your browser and enter to the localhost server mentioned (ex: <http://localhost:1234>). You can also hold down Ctrl (or Cmd) and click it.

