

Parcel

- <https://parceljs.org/>
- Parcel is website bundler tool like webpack, but easier and faster than it.
- It complies SCSS, JS, TS etc automatically
- Enables browser caching
- Creates dev server
- Enables Hot reloading
- Minifies, compresses and bundles assets during production

Presented by
Balachandiran B.S

Installation

Prerequisites:

Latest version of Node or Yarn installed

Steps:

1. Create a new project folder and create a source folder inside it: (project_folder/src)
2. Create HTML, CSS/SCSS, JS, etc inside src
3. Link CSS or even SCSS directly to HTML, and JS like this, `<script type="module" src="app.ts" />`

The `type="module"` gives a fallback for old browsers.

4. Open vs code terminal in the project root and do `"npm init -y"` without double quotes.
5. Install parcel in the project root
`"npm install --save-dev parcel"` Or `"npm i -D parcel"`

Starting parcel - Development

Run the parcel CLI pointing to your entry file	Package scripts in package.json file
<code>npm parcel src/index.html</code>	<pre>"scripts": { "start": "parcel src/index.html", "build": "parcel build" },</pre>
The previous step will start parcel	<code>npm start</code> to start dev server
For more than one entry file <code>npm parcel src/a.html src/b.html</code>	<pre>"scripts": { "start": "parcel src/index.html src/login.html", "build": "parcel build" },</pre>
This will create a dist folder and open a dev server http://localhost:1234/ For details, visit https://parceljs.org/getting-started/webapp/	

Building parcel - Production



npm run build



This is done only after the entire site is done.



For details, visit <https://parceljs.org/features/production/>

Importing external libraries and frameworks

In the terminal, install any package using

```
npm install --save-dev package_name
```

Or

```
npm i -D package_name
```

Specific version:

```
npm i -D package_name@version_number
```

Install Multiple libraries and frameworks at once:

```
npm i -D package1 package2 ..
```

Example

I have created a test website for using parcel,

<https://github.com/Balachandiran-285/Parcel-test>

Kindly clone and try,

Tutorials:

<https://www.udemy.com/course/parcel-bundler-the-complete-tutorial/>

https://www.youtube.com/watch?v=wYWf2m_yzBQ&t=755s

References

For using jquery in our website-

https://mertnuhoglu.com/blog/study_parcel_jquery/

For using bootstrap-

<https://getbootstrap.com/docs/5.0/getting-started/parcel/>

Thank you