

github.com/jherr/wp5-overview

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jherr / wp5-overview

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jherr First commit

- packages First commit
- .gitignore First commit
- LICENSE First commit
- README.md First commit
- package.json First commit
- yarn.lock First commit

13 months ago

Clone

HTTPS SSH GitHub CLI

https://github.com/jherr/wp5-overview.git

Use Git or checkout with SVN using the web URL.

Open with GitHub Desktop

Download ZIP

About

Code for the Webpack 5 overview video

Readme

MIT License

Releases

No releases published

Packages

No packages published

Languages

JavaScript 99.8% Other 0.2%

Getting Started

```
yarn
yarn start
```

Three browser tabs will automatically open

Chrome File Edit View History Bookmarks People Tab Window

localhost:3001

Home Page

Volcanion

Volcanion is a primarily maroon, quadruped Pokémon. It has pointed ears with blue interiors, bright blue eyes, yellow markings over and behind its eyes that resemble eyebrows and eyelashes, a pointed, yellow mandible, and a spike-like protrusion on each cheek.

Pokemon You'll Like

Bulbasaur Grass, Poison

Ivysaur Grass, Poison

Venusaur Grass, Poison

Charmander Fire

long white eyebrows and long light blue hair trailing off the back of its head.

	Defense	Sp. Attack	Sp. Defense	Speed
	49	65	65	45
	50	40	40	30
	75	60	60	45
Tapu Bulu	130	115	85	95

Chrome File Edit View History Bookmarks People Tab Window

localhost:3001

Home Page

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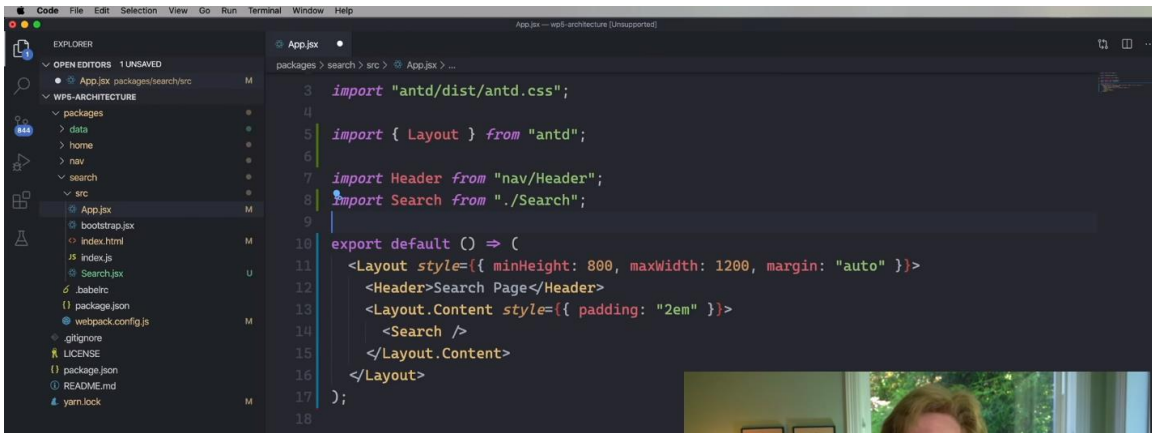
localhost:3002

Search Page

Bul

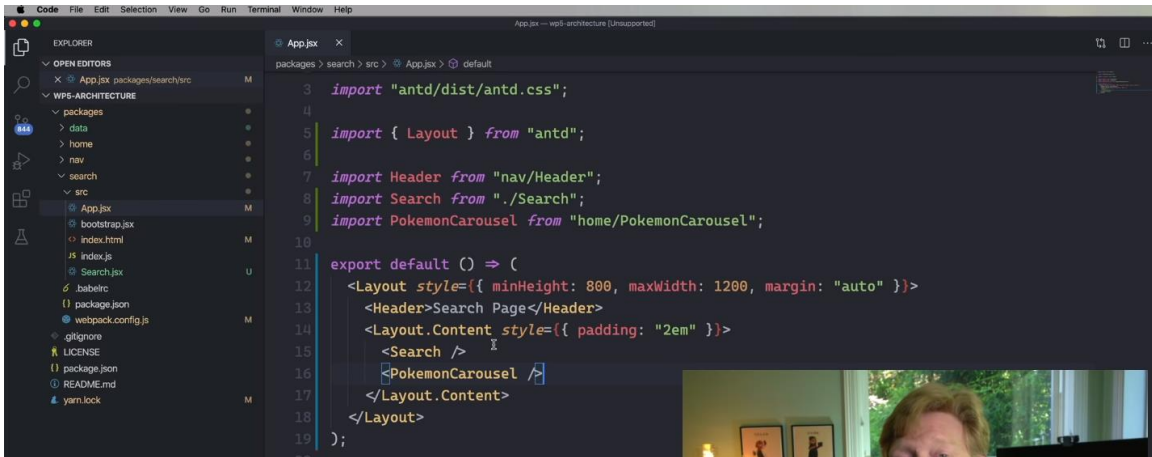
Name	Type	Attack	Defense	Sp. Attack	Sp. Defense	Speed
Bulbasaur	Grass, Poison	49	49	65	65	45
Snubbull	Fairy	80	50	40	40	30
Granbull	Fairy	120	75	60	60	45
Tapu Bulu	Grass, Fairy	130	115	85	95	75

But we want to display the same carousel on the home page on the search page using module federation

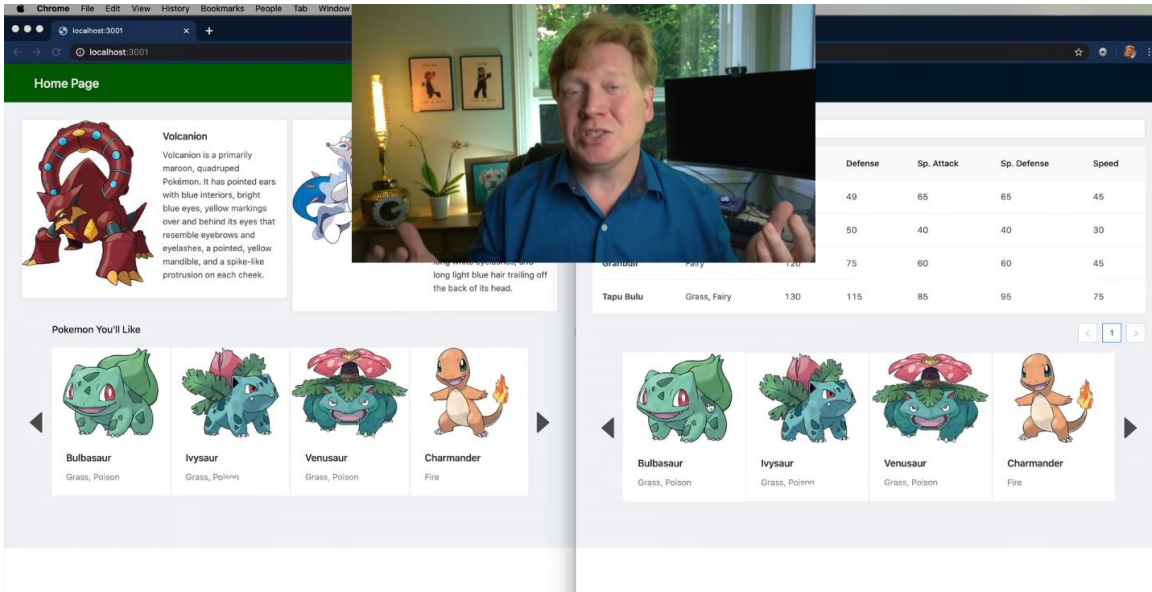


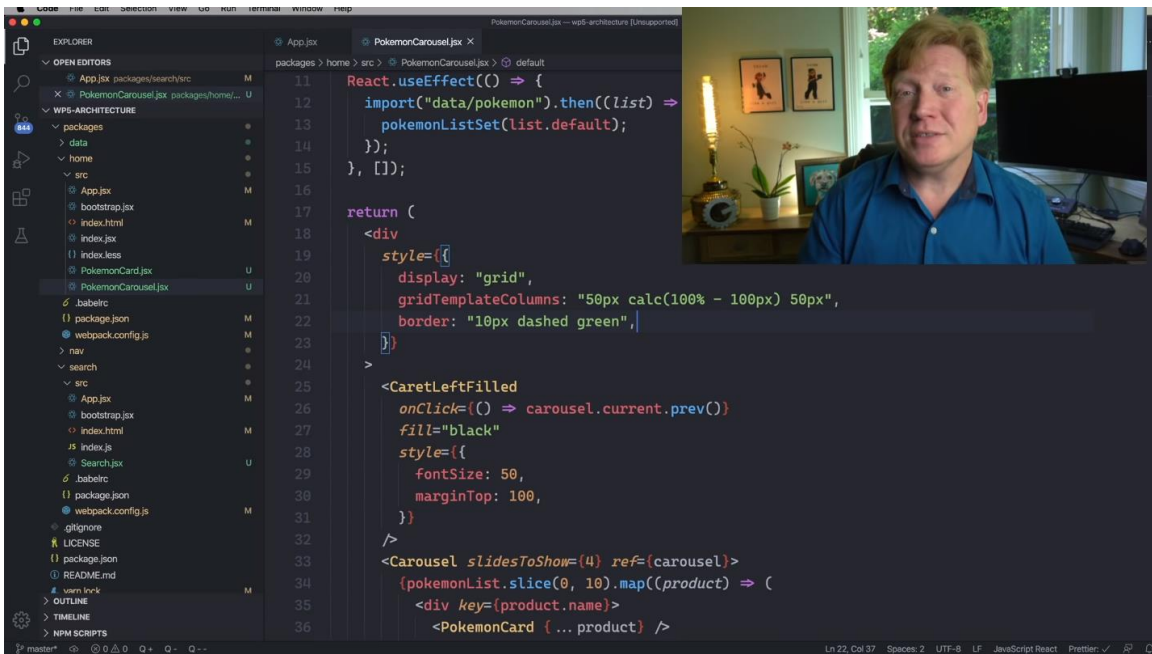
```
App.jsx
packages > search > src > App.jsx ...
3 import "antd/dist/antd.css";
4
5 import { Layout } from "antd";
6
7 import Header from "nav/Header";
8 import Search from "./Search";
9
10 export default () => {
11   <Layout style={{ minHeight: 800, maxWidth: 1200, margin: "auto" }}>
12     <Header>Search Page</Header>
13     <Layout.Content style={{ padding: "2em" }}>
14       <Search />
15     </Layout.Content>
16   </Layout>
17 };
18
```

We have exported the Pokemon carousel from the home page, let us import and use it on the search page

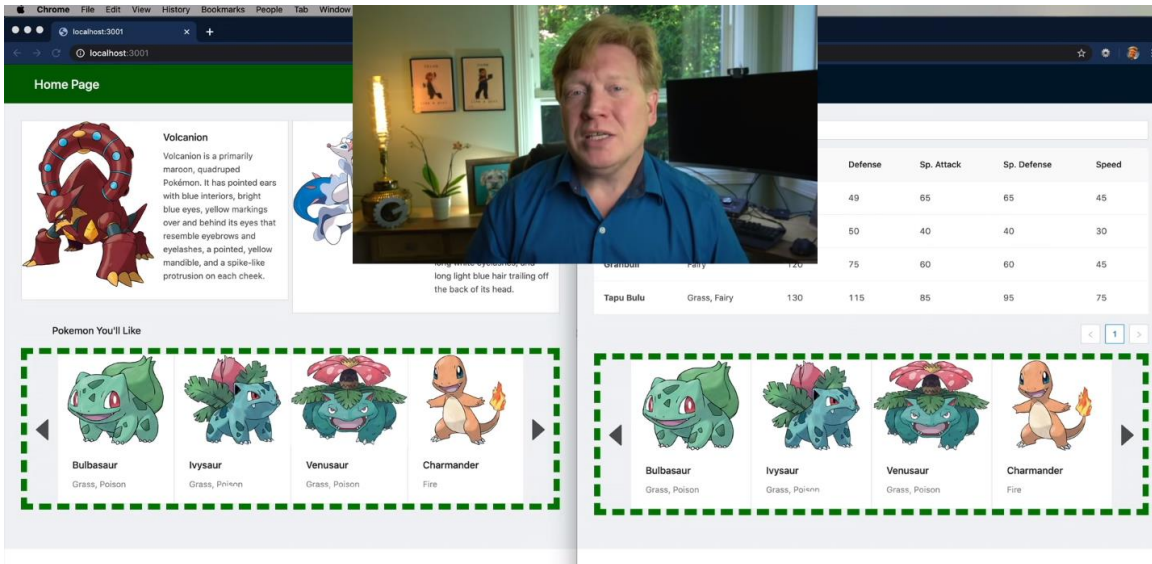


```
App.jsx
packages > search > src > App.jsx > default
3 import "antd/dist/antd.css";
4
5 import { Layout } from "antd";
6
7 import Header from "nav/Header";
8 import Search from "./Search";
9 import PokemonCarousel from "home/PokemonCarousel";
10
11 export default () => {
12   <Layout style={{ minHeight: 800, maxWidth: 1200, margin: "auto" }}>
13     <Header>Search Page</Header>
14     <Layout.Content style={{ padding: "2em" }}>
15       <Search />
16       <PokemonCarousel />
17     </Layout.Content>
18   </Layout>
19 };
20
```

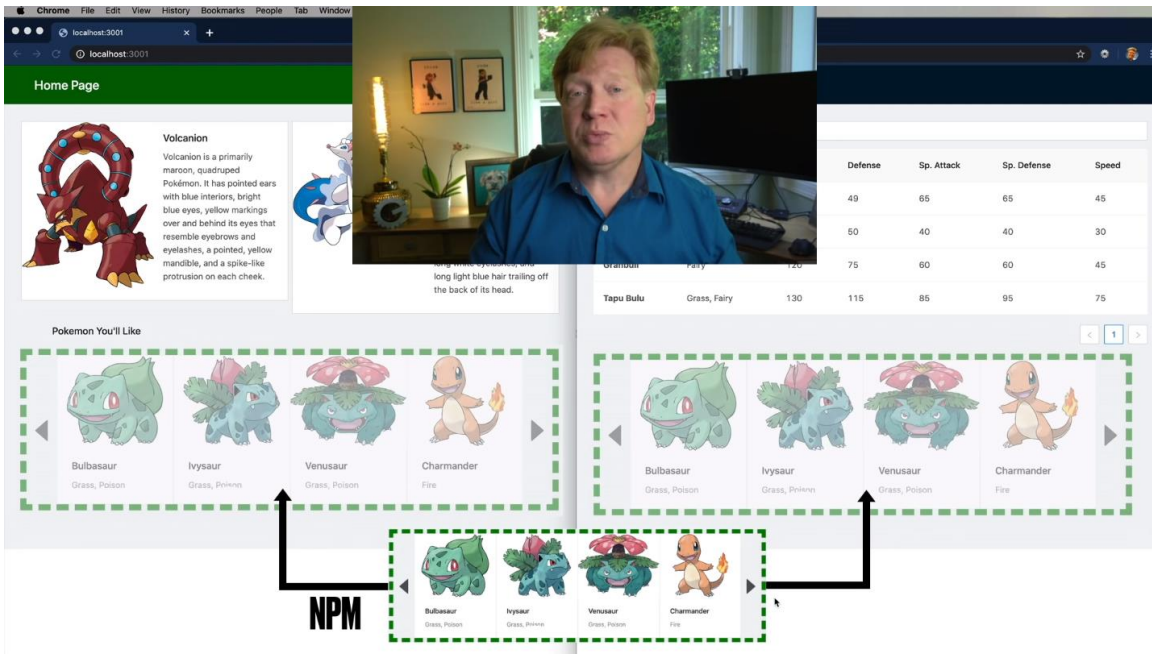




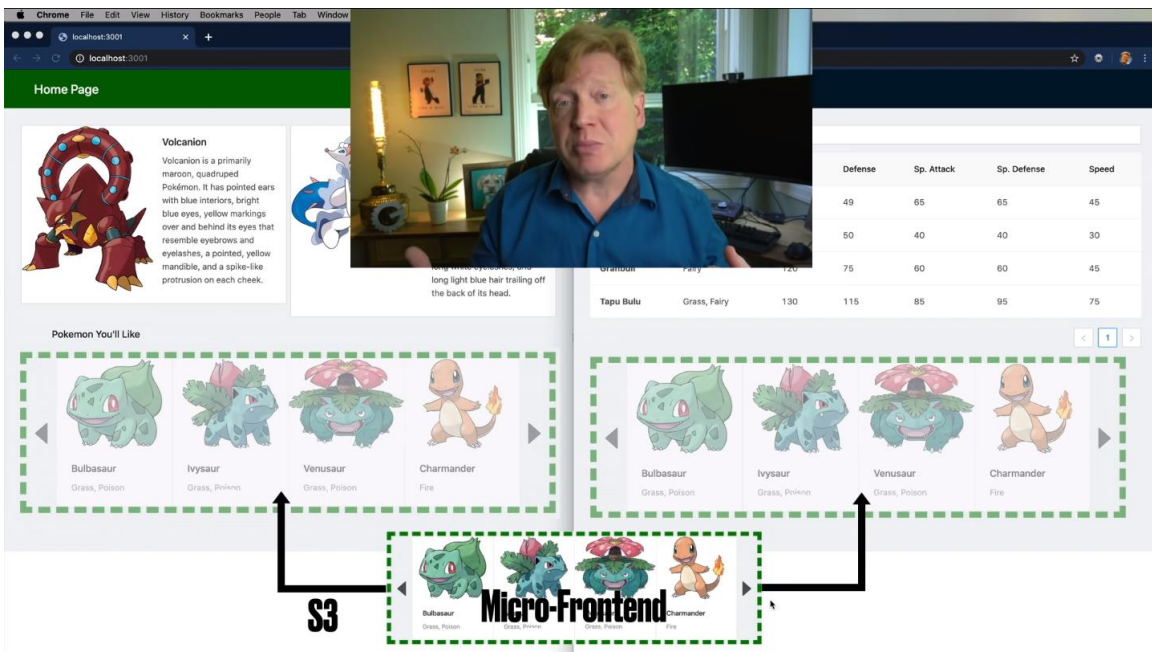
We can now add a border to the carousel in the home page



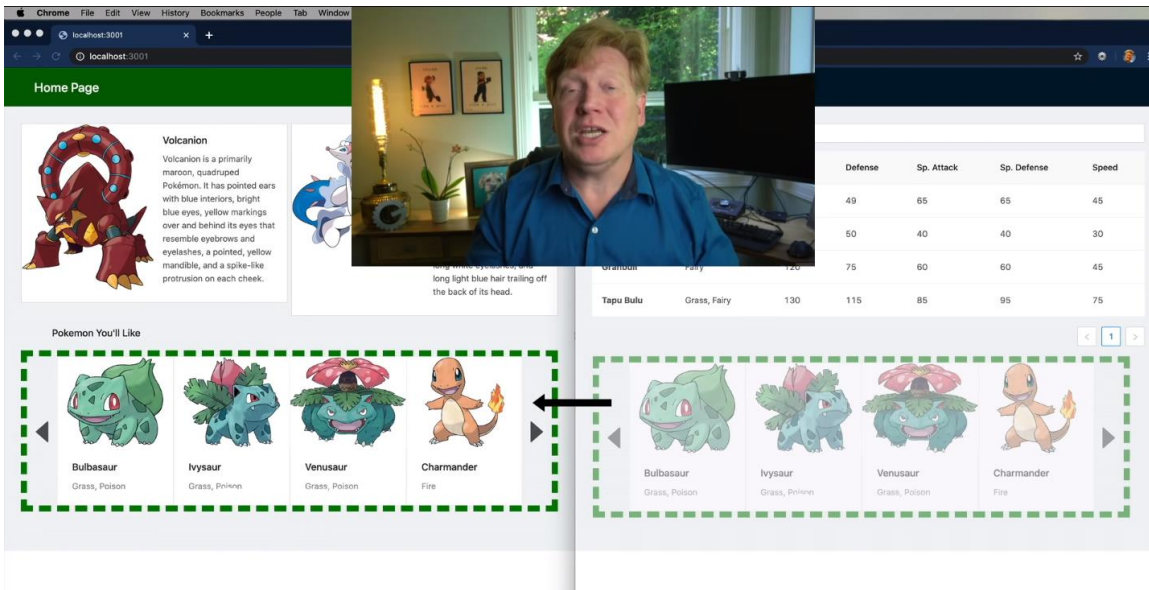
Refresh both pages to see the border, this is a live sharing scenario.



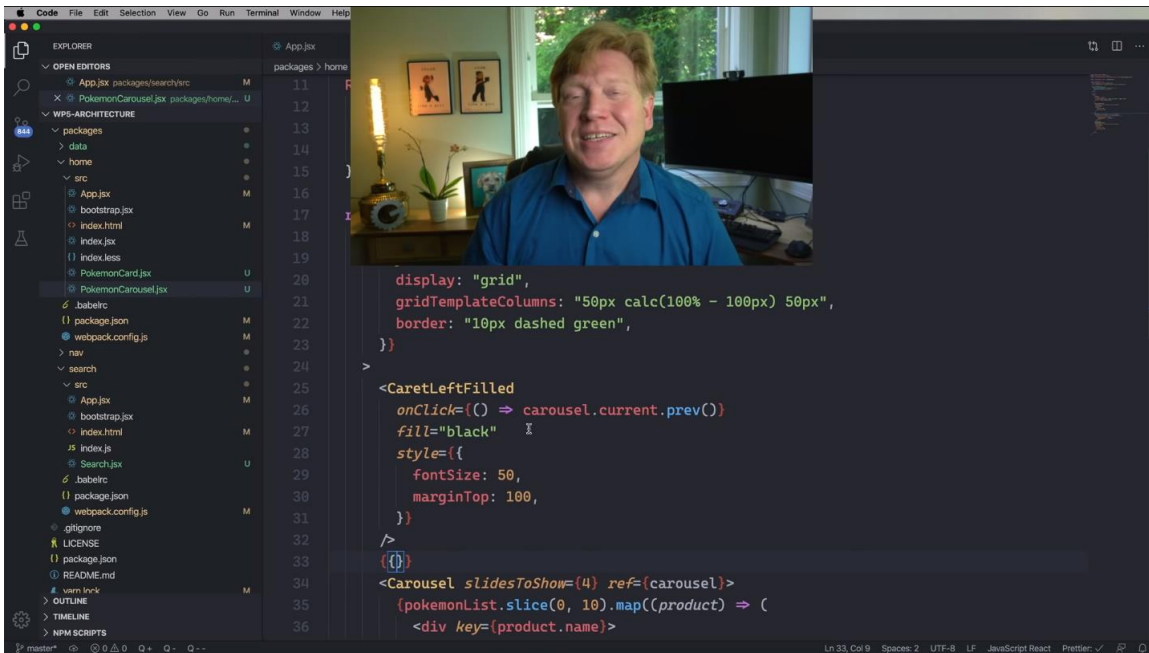
Let us see the different sharing approaches that existed before module federation., above is the module publishing approaches via NPM.



We can also use a micro-frontend approach for runtime updates.



Module federation is runtime by making changes



However, if we added code that breaks the carousel, then both apps will break as below

