

W05-P1: use React to implement static route /card_xx

The screenshot shows a code editor on the left and a browser window on the right.

Code Editor (VS Code):

- File: App_34.js
- Content:

```
1  import { BrowserRouter, Routes, Route } from "react-router-dom";
2  import "./App.css";
3
4  import BlogsStaticPage_34 from "./pages/BlogsStaticPage_34.js";
5  import HomePage_34 from "./pages/HomePage_34";
6
7  function App() {
8    return (
9      <BrowserRouter>
10     <Routes>
11       <Route path="/card_34" element={<BlogsStaticPage_34 />} />
12     </Routes>
13   </BrowserRouter>
14 );
15
16
17  export default App;
18 }
```

Browser:

- Title: localhost:3001/card...
- Section: CSS Grid Using Minmax
- Grid Layout:
 - Row 1: LIFESTYLE (Two cards), TRAVEL (One card)
 - Row 2: LIFESTYLE (Two cards), TRAVEL (One card)
 - Row 3: LIFESTYLE (Two cards), TRAVEL (One card)
 - Row 4: LIFESTYLE (Two cards), TRAVEL (One card)
 - Row 5: LIFESTYLE (Two cards), TRAVEL (One card)

d404f31 A-iong Wed Mar 15 19:55:46 2023 +0800 W05-P1: use React to implement static route /card_xx

W05-P2: use local json array to implement route /card2_local_xx

The screenshot shows a code editor on the left and a browser window on the right.

Code Editor (BlogsLocalJsonPage_34.js):

```
1 import { useState } from "react";
2 import blogsData from "../data/blogData2_34";
3
4 const BlogsLocalJsonPage_34 = () => {
5   const [name, setName] = useState("A-ion");
6   const [id, setId] = useState("210410134");
7
8   const [data, setDate] = useState(blogsData);
9   console.log("blog data", data);
10
11   return (
12     <>
13       <section className="blogs">
14         <div className="section-title">
15           <h2>
16             | Fetch Blogs From Local Json -- {name} {id}
17           </h2>
18         </div>
19         <div className="blogs-center2">
20           {data.map((item) => {
21             const { id, img, remote_img, category, title, desc } = item;
22             return (
23               <article key={id} className="blog">
24                 <img src={remote_img} alt={title} className="img-blog-img" />
25                 <div className="blog-content">
26                   <span>
27                     {category} <i className="fa-solid fa-mug-saucer"></i>
28                   </span>
29                   <h3>{desc}</h3>
30                   <p>
31                     Lorem ipsum dolor sit amet consectetur adipisicing elit.
32                   </p>
33                   <a href="#">read more</a>
34                 </div>
35               </article>
36             );
37           });
38         </div>
39       </section>
40     </>
41   );
42 }
```

Browser Preview:

The browser shows a grid of cards with the following data:

Category	Title	Description
LIFESTYLE	Coffee Art	Latte art coffee cups
TRAVEL	Travel To Paris	Travel To Paris
LIFESTYLE	Coffee Friendship	Coffee Brings Friendship
LIFESTYLE	Coffee Calm	Coffee Make You Feel Good
LIFESTYLE	101 Tower	101 Tower In Taipei
LIFESTYLE	Sun Rise	Sun Rise From The Mountain
LIFESTYLE	Serene Lake	Serene Lake With Trees
LIFESTYLE	Queen Head	Rock Of Queen Head In Yehliu Taiwan

DevTools Console:

```
blog data
▼ (9) [{}]
  ▷ 0: {id: 1, title: 'Seven Reasons Why Coffee Is Awesome', descrip: 'Lorem ipsum dolor sit amet consectetur adipisicing elit.'}
  ▷ 1: {id: 2, title: 'Travel To Paris', descrip: 'Lorem ipsum dolor sit amet consectetur adipisicin'}
  ▷ 2: {id: 3, title: 'Coffee Brings Friendship', descrip: 'Lorem ipsum dolor sit amet consectetur'}
  ▷ 3: {id: 4, title: 'Coffee Make You Feel Good', descrip: 'Lorem ipsum dolor sit amet consectetur'}
  ▷ 4: {id: 5, title: 'Coffee Make You Calm', descrip: 'Lorem ipsum dolor sit amet consectetur'}
  ▷ 5: {id: 6, title: '101 Tower In Taipei', descrip: 'Lorem ipsum dolor sit amet consectetur'}
  ▷ 6: {id: 7, title: 'Sun Rise From The Mountain', descrip: 'Lorem ipsum dolor sit amet conse'}
  ▷ 7: {id: 8, title: 'Serene Lake With Trees', descrip: 'Lorem ipsum dolor sit amet consectetur'}
  ▷ 8: {id: 9, title: 'Rock Of Queen Head In Yehliu Taiwan', descrip: 'Lorem ipsum dolor sit ame'}
  ▷ length: 9
  ▷ [Prototype]: Array(0)
```

blog data ▷ (9) [{}]

42d8443 A-iong Wed Mar 15 20:21:15 2023 +0800 W05-P2: use local json array to implement route /card2_local_xx

W05-P3: implement route /card2_node_xx on both local and render (cloud) server

Code editor showing the implementation of the `/card2_node_34` route in `BlogsNodeServerPage_34.js`:

```

import { useState, useEffect } from "react";
import axios from "axios";
// import blogsData from "../data/blogData2_34";

let apiUrl = 'http://localhost:5100/api/card2_34';

const BlogsNodeServerPage_34 = () => {
  const [name, setName] = useState("A-ion");
  const [id, setId] = useState("210410134");

  const [data, setData] = useState([]);
  // console.log("blog data", data);

  const fetchBlogDataFromNodeServer = async () => {
    try {
      const results = await axios.get(apiUrl);
      console.log("results", results);
      setData(results.data);
    } catch (error) {
      console.log(error);
    }
  };

  useEffect(() => {
    fetchBlogDataFromNodeServer();
  }, []);
}

return (
  >
  <section className="blogs">
    <div className="section-title">
      <h2>
        | Fetch Blogs From Node Server -- {name} {id}
      </h2>
    </div>
    <div className="blogs-center2">
      {data.map((item) => {
        const { id, img, remote_img, category, title, desc } = item;
        return (
          <article key={id} className="blog">
            <img src={remote_img} alt={title} className="img_blog-img" />
            <div>
              <h3>{title}</h3>
              <p>{desc}</p>
              <a href="#">Read More</a>
            </div>
          </article>
        );
      })}
    </div>
  </section>
)

```

The browser shows the rendered cards:

DevTools Console output:

```

react-dom.development.js:29840
Download the React DevTools for a better development experience: https://reactjs.org/link/react-devtools
results
> {data: Array(9), status: 200, statusText: 'OK', headers: AxiosHeaders, config: {}, ...}
results
> {data: Array(9), status: 200, statusText: 'OK', headers: AxiosHeaders, config: {}, ...}
>

```

Code editor showing the implementation of the `/card2_node_34` route in `BlogsNodeServerPage_34.js` on a cloud server:

```

import { useState, useEffect } from "react";
import axios from "axios";
// import blogsData from "../data/blogData2_34";

let apiUrl = 'http://localhost:5100/api/card2_34';
let apiUrl = 'https://one112-server-card-demo-34.onrender.com/api/card2_34';

const BlogsNodeServerPage_34 = () => {
  const [name, setName] = useState("A-ion");
  const [id, setId] = useState("210410134");

  const [data, setData] = useState([]);
  // console.log("blog data", data);

  const fetchBlogDataFromNodeServer = async () => {
    try {
      const results = await axios.get(apiUrl);
      console.log("results", results);
      setData(results.data);
    } catch (error) {
      console.log(error);
    }
  };

  useEffect(() => {
    fetchBlogDataFromNodeServer();
  }, []);
}

return (
  >
  <section className="blogs">
    <div className="section-title">
      <h2>
        | Fetch Blogs From Node Server -- {name} {id}
      </h2>
    </div>
    <div className="blogs-center2">
      {data.map((item) => {
        const { id, img, remote_img, category, title, desc } = item;
        return (
          <article key={id} className="blog">
            <img src={remote_img} alt={title} className="img_blog-img" />
            <div>
              <h3>{title}</h3>
              <p>{desc}</p>
              <a href="#">Read More</a>
            </div>
          </article>
        );
      })}
    </div>
  </section>
)

```

The browser shows the rendered cards:

DevTools Console output:

```

react-dom.development.js:29840
Download the React DevTools for a better development experience: https://reactjs.org/link/react-devtools
results
> {data: Array(9), status: 200, statusText: '', headers: AxiosHeaders, config: {}, ...}
results
> {data: Array(9), status: 200, statusText: '', headers: AxiosHeaders, config: {}, ...}
>

```

W05-logs

```
4c0c85a A-iong  Wed Mar 15 21:27:53 2023 +0800 W05-P3: implement route /card2_node_xx on both local and render (cloud) serve  
r  
42d8443 A-iong  Wed Mar 15 20:21:15 2023 +0800 W05-P2: use local json array to implement route /card2_local_xx  
d404f31 A-iong  Wed Mar 15 19:55:46 2023 +0800 W05-P1: use React to implement static route /card_xx
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