

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

The screenshot shows a macOS desktop environment. On the left is a code editor window for VS Code, displaying the file `App_96.js`. The file contains React code for a static route. A red box highlights the line of code that defines the route:

```
1 import { BrowserRouter, Routes, Route } from "react-router-dom";
2 import "./App.css";
3
4 import BlogsStaticPage_96 from "./pages/BlogsStaticPage_96.js";
5 import HomePage_96 from "./pages/HomePage_96";
6
7 function App() {
8   return (
9     <BrowserRouter>
10       <Routes>
11         <Route path="/card_96" element={BlogsStaticPage_96} />
12       </Routes>
13     </BrowserRouter>
14   );
15 }
16
17 export default App;
```

The browser window on the right displays the application running at `localhost:3000/card_96`. A red box highlights the URL in the address bar. The page content includes:

- A title **CSS Grid Using Minmax**.
- Two cards:
 - COFFEE**
Reasons Why Coffee Is Good
sum dolor sit amet consectetur
ing elit.
[Read More](#)
 - TRAVEL**
Travel To Paris
Lorem ipsum dolor sit amet consectetur
adipisicing elit.
[Read More](#)
- Two images: a cup of coffee with latte art and a bridge at night.
- Two smaller images: hands holding cups of coffee and a close-up of a coffee cup.

4174b0f Billy Wed Mar 15 19:44:12 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 development setup with three main components:

- Code Editor:** On the left, a code editor displays `BlogsLocalJsonPage_96.js`. The code uses React hooks (`useState`) to manage state for the blog title ("Billy") and ID ("210410196"). It also imports data from a local JSON file. A red box highlights the import statement and the useState hook usage.
- Browser Preview:** In the center, a browser window shows the application running at `localhost:3000/card2_local_96`. The page title is "Fetch Blogs From Local Json -- Billy 210410196". It displays three cards: one for "LIFESTYLE" featuring coffee cups, one for "TRAVEL" featuring a bridge at night, and another for "LIFESTYLE" featuring coffee cups. Each card has placeholder text: "Lorem ipsum dolor sit amet consectetur adipisicing elit.".
- Developer Tools:** On the right, the React DevTools extension is open in the browser's developer tools panel. It shows the component tree and a detailed view of the "blog data" state, which is an array of 9 objects. Each object contains properties: `id`, `title`, and `descrip`. The first few items in the array are:
 - `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 adip'}`
 - `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 conse'}`
 - `8: {id: 9, title: 'Rocks Of Queen Head In Yehliu Taiwan', descrip: 'Lorem ipsum dolor sit ame'}`

f1e9fd7 Billy Wed Mar 15 20:17:02 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

The screenshot shows the VS Code interface with two panes. The left pane displays the file structure and code for `BlogsNodeServerPage_96.js`. The right pane shows a browser window at `localhost:5001/api/card2_node_96`, displaying three cards with coffee images and the title "Fetch Blogs From Node Server -- Billy 210410196". The browser's developer tools console tab is open, showing the response from the API call.

```
let api_url = 'http://localhost:5001/api/card2_node_96';

const BlogsNodeServerPage_96 = () => {
  const [name, setName] = useState("Billy");
  const [id, setId] = useState("210410196");

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

  const fetchBlogDataFromNodeServer = async () => {
    try {
      const results = await axios.get(api_url);
      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}>
            
```

Fetch Blogs From Node Server -- Billy 210410196



```
results
  <data: Array(9), status: 200, statusText: 'OK', headers: AxiosHeaders, config: 
  <{}, {}> 
  >config: {transitional: {}, adapter: Array(2), transformRequest: Array(1), trans
  >data: Array(9)
    >0: {id: 1, title: 'Seven Reasons Why Coffee Is Awesome', descrip: 'Lorem ipsum
    >1: {id: 2, title: 'Travel To Paris', descrip: 'Lorem ipsum dolor sit amet cons
    >2: {id: 3, title: 'Coffee Brings Friendship', descrip: 'Lorem ipsum dolor sit
    >3: {id: 4, title: 'Coffee Make You Feel Good', descrip: 'Lorem ipsum dolor sit
    >4: {id: 5, title: 'Coffee Make You Calm', descrip: 'Lorem ipsum dolor sit amet
    >5: {id: 6, title: '101 Tower In Taipei', descrip: 'Lorem ipsum dolor sit amet
    >6: {id: 7, title: 'Sun Rise From The Mountain', descrip: 'Lorem ipsum dolor si
    >7: {id: 8, title: 'Serene Lake With Trees', descrip: 'Lorem ipsum dolor sit an
    >8: {id: 9, title: 'Rocks Of Queen Head In Yehliu Taiwan', descrip: 'Lorem ipsu
    >length: 9
    >[[Prototype]: Array(0)]
  >headers: AxiosHeaders {content-length: '2449', content-type: 'application/json';
  >request: XMLHttpRequest {onreadystatechange: null, readyState: 4, timeout: 0, w
  >status: 200
  >statusText: "OK"
  >[[Prototype]: Object]
```

The screenshot shows the VS Code interface with two panes. The left pane displays the file structure and code for `BlogsNodeServerPage_96.js`. The right pane shows a browser window at `localhost:3000/card2_node_96`, displaying three cards with coffee images and the title "Fetch Blogs From Node Server -- Billy 210410196". The browser's developer tools console tab is open, showing the response from the API call.

```
let api_url = 'https://one112-server-card-demo-96.onrender.com/api/card2_node_96';

const BlogsNodeServerPage_96 = () => {
  const [name, setName] = useState("Billy");
  const [id, setId] = useState("210410196");

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

  const fetchBlogDataFromNodeServer = async () => {
    try {
      const results = await axios.get(api_url);
      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}>
            
```

Fetch Blogs From Node Server -- Billy 210410196



```
react-dom.development.js:29840
  <data: Array(9), status: 200, statusText: '', headers: AxiosHeaders, config: 
  <{}, {}> 
  >config: {transitional: {}, adapter: Array(2), transformRequest: Array(1), trans
  >data: Array(9)
    >0: {id: 1, title: 'Seven Reasons Why Coffee Is Awesome', descrip: 'Lorem ipsum
    >1: {id: 2, title: 'Travel To Paris', descrip: 'Lorem ipsum dolor sit amet cons
    >2: {id: 3, title: 'Coffee Brings Friendship', descrip: 'Lorem ipsum dolor sit
    >3: {id: 4, title: 'Coffee Make You Feel Good', descrip: 'Lorem ipsum dolor sit
    >4: {id: 5, title: 'Coffee Make You Calm', descrip: 'Lorem ipsum dolor sit amet
    >5: {id: 6, title: '101 Tower In Taipei', descrip: 'Lorem ipsum dolor sit amet
    >6: {id: 7, title: 'Sun Rise From The Mountain', descrip: 'Lorem ipsum dolor si
    >7: {id: 8, title: 'Serene Lake With Trees', descrip: 'Lorem ipsum dolor sit an
    >8: {id: 9, title: 'Rocks Of Queen Head In Yehliu Taiwan', descrip: 'Lorem ipsu
    >length: 9
    >[[Prototype]: Array(0)]
  >headers: AxiosHeaders {content-length: '2449', content-type: 'application/json';
  >request: XMLHttpRequest {onreadystatechange: null, readyState: 4, timeout: 0, w
  >status: 200
  >statusText: ""
  >[[Prototype]: Object]
```

2bd49ae Billy Wed Mar 15 21:21:07 2023 +0800 implement route /card2_node_xx on both local and render

W05-logs

```
2bd49ae Billy Wed Mar 15 21:21:07 2023 +0800 implement route /card2_node_xx on both local and render (cloud) server  
f1e9fd7 Billy Wed Mar 15 20:17:02 2023 +0800 W05-P2: use local json array to implement route /card2_local_xx  
4174b0f Billy Wed Mar 15 19:44:12 2023 +0800 W05-P1: use React to implement static route /card_xx  
[END]
```