SpringBoot + React

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SpringBoot

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```java
@Getter
public static class User
{
    int id;
    String username;
    String passwd;
    String email;

    public User(int id, String username, String passwd, String email)
    {
        this.id = id;
        this.username = username;
        this.passwd = passwd;
        this.email = email;
    }
}
```

```java
@RestController
public class HiReactController
{
    //
    @PostMapping("/api/users")
    public User user()
    {
        System.out.println("::: HiReactController IN :::");
        User user = new User(1, "eleven", "1234", "jskim@repia.com");

        return user;
    }

}
```

React

| proxy   axios

```
PS ~\react-app> npm install http-proxy-middleware
```

```
PS ~\react-app> npm install axios
```

src/setupProxy.js

```javascript
const {createProxyMiddleware} = require("http-proxy-middleware");

module.exports = function(app){
    app.use(
        "/api"
        , createProxyMiddleware({
            target: "http://localhost:8006" //
            , changeOrigin: true
        })
    );
};
```

axios   src/App.js

```javascript
import logo from './logo.svg';

import React, {useState, useEffect} from "react";
import './App.css';
import Axios from "axios";


function App()
{
  const [user, setUser] = useState("");
  useEffect(() => {
    Axios.post("/api/users").then((response) => {
      if(response.data){
        console.log("console check! ===> ", response.data);
        setUser(response.data);
      }
      else
      {
        alert("failed to");
      }
    });
  }, []);

  return (
    <div className="App">
      <header className="App-header">
        <img src={logo} className="App-logo" alt="logo" />
```

```
      <h1>Hello, React!</h1>

      <p>No.{user.id}</p>
      <p>name is {user.username}</p>
      <p>password? {user.passwd}</p>
      <p>email... {user.email}</p>
      <a
        className="App-link"
        href="https://reactjs.org"
        target="_blank"
        rel="noopener noreferrer"
      >
        Learn React
      </a>

      </header>
    </div>
  );
}

export default App;
```

Ref

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eleven, react, springboot, vscode