

SpringBoot + React

IDE

```
*      : STS4  
*      : VSCode
```

```
===== SpringBoot =====
```

```
@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;  
    }  
}
```

```
@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

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

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

axios가

src/App.js

```
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](#)

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