

# SpringBoot + React

- IDE : STS4
- IDE : 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 --save  
PS ~\react-app> npm install axios --save
```

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;

```

PS ~\react-app> npm run start

## Ref

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[eleven](#), [react](#), [springboot](#), [STS4](#), [vscode](#)

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