

Custom hooks example: call an API

<https://codesandbox.io/s/custom-hooks-9xfuw?file=/src/App.js>

```
JS App.js x JS useGetData.js
1 import './styles.css';
2 import useGetData from './useGetData';
3
4 export default function App() {
5   const { data } = useGetData(
6     "https://my-json-server.typicode.com/artworkjpm/customer-db/db"
7   );
8   console.log(data);
9   return (
10     <div className="App">
11       <h1>Custom Hooks</h1>
12       [data &&
13         data.customers.map((item, index) => {
14           return (
15             <div key={index}>
16               {item.first_name} {item.last_name}
17             </div>
18           );
19         )]}
20     </div>
21   );
22 }
```

```
JS App.js JS useGetData.js x
1 import axios from "axios";
2 import { useEffect, useState } from "react";
3
4 function useGetData(url) {
5   const [data, setData] = useState(null);
6
7   useEffect(() => {
8     axios.get(url).then((res) => {
9       setData(res.data);
10     });
11   }, [url]);
12
13   return { data };
14 }
15
16 export default useGetData;
```

Custom hooks example: validate email

<https://codesandbox.io/s/custom-hook-form-validation-3iywb?file=/src/App.js>

```
App.js
1 import { useState } from "react";
2 import "./styles.css";
3 import useEmailValidation from "./useForm";
4
5 export default function App() {
6   const [email, setEmail] = useState("");
7   const { errors } = useEmailValidation(email);
8
9   return (
10     <div className="App">
11       <h1>Form Validation Hook</h1>
12       <input
13         type="text"
14         placeholder="email address"
15         value={email}
16         onChange={(e) => setEmail(e.target.value)}
17       />
18       {email && !errors.message && (
19         <span role="img" aria-label="pass">
20           ✓
21         </span>
22       )}
23       {email && errors.message && (
24         <span role="img" aria-label="fail">
25           ✗
26         </span>
27         <p>{errors.message}</p>
28       )}
29     </div>
30   );
31 }
32
33 }
```

```
JS App.js JS useForm.js ✕
1 import { useEffect, useState } from "react";
2 import validateEmail from "../emailValidation";
3
4 export default function useEmailValidation(email) {
5   const [errors, setErrors] = useState(null);
6
7   useEffect(() => {
8     setErrors(validateEmail(email));
9   }, [email]);
10
11   return { errors };
12 }
13
```