

React JS – Axios Notes

🔗 What is Axios?

Axios is a promise-based HTTP client for the browser and Node.js.

It is used to make HTTP requests (GET, POST, PUT, DELETE) from React applications.

🔗 Installing Axios

```
npm install axios
```

🔗 Basic Usage

✔ GET Request

```
import axios from 'axios';  
  
import { useEffect, useState } from 'react';  
  
function App() {  
  const [data, setData] = useState([]);  
  
  useEffect(() => {  
    axios.get('https://jsonplaceholder.typicode.com/posts')  
      .then(response => setData(response.data))  
  })  
}
```

```
        .catch(error => console.error('Error:', error));
    }, []);

    return (
        <div>
            {data.map(post => <p key={post.id}>{post.title}</p>)}
        </div>
    );
}
```

✔ POST Request

```
axios.post('https://jsonplaceholder.typicode.com/posts', {
    title: 'New Post',
    body: 'This is the post body',
    userId: 1
})
.then(response => console.log(response))
.catch(error => console.error(error));
```

✔ PUT Request

```
axios.put('https://jsonplaceholder.typicode.com/posts/1', {
    title: 'Updated Title'
})
.then(response => console.log(response))
```

```
.catch(error => console.error(error));
```

✔ DELETE Request

```
axios.delete('https://jsonplaceholder.typicode.com/posts/1')
```

```
.then(response => console.log('Deleted:', response))
```

```
.catch(error => console.error(error));
```