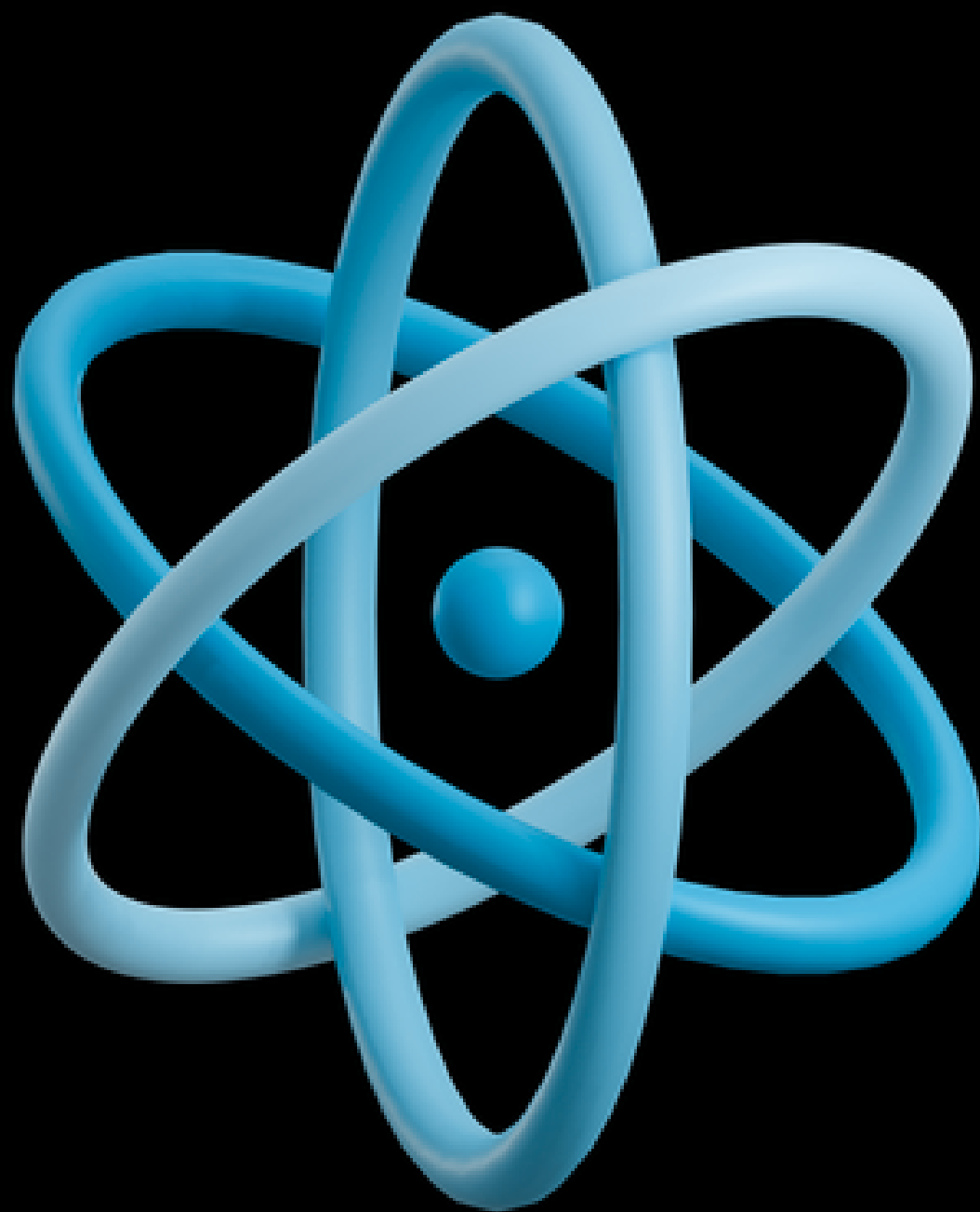


Axios

Axios with Reactjs



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What is Axios?

Tired of the complexities of **native Fetch API**?

Axios is a popular promise-based HTTP client library that simplifies making API calls in your React applications.

It offers a cleaner and more intuitive way compared to the Fetch API for tasks like:

- Fetching data from servers
- Sending data to servers
- Handling responses



Axios Installation

```
# Using npm  
npm install axios
```

```
# Using yarn  
yarn add axios
```



Making GET Requests

```
import axios from 'axios';

async function fetchData() {
  try {
    const response = await axios.get('https://api.example.com/data');
    console.log(response.data); // Your fetched data
  } catch (error) {
    console.error(error);
  }
}
```

Axios provides a straightforward way to make **GET** requests to retrieve data from servers.



Making **POST** Requests

```
async function submitData(data) {  
  try {  
    const response = await axios.post('https://api.example.com/submit',  
    console.log(response.data); // Response from the server  
  } catch (error) {  
    console.error(error);  
  }  
}
```

Axios makes **POST** requests a breeze!

Use POST requests to:

- Create new resources on the server
- Submit form data
- Update existing data



Making **PUT** Requests

```
async function updateData(id, data) {  
  try {  
    const response = await axios.put(`https://api.example.com/data/${id}`,  
    data);  
    console.log(response.data); // Updated data  
  } catch (error) {  
    console.error(error);  
  }  
}
```

Axios offers a straightforward way to make **PUT requests** for updating resources.

Use PUT requests to:

- Update existing data on the server
- Modify specific properties of a resource

Making **DELETE** Requests

```
async function deleteData(id) {  
  try {  
    const response = await axios.delete(`https://api.example.com/data/${id}`);  
    console.log(response.data); // Usually an empty response or status code  
  } catch (error) {  
    console.error(error);  
  }  
}
```

Need to remove data from your **server**?

Use **DELETE** requests to:

- Delete resources from the server
- Remove specific items from collection



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