Nov 5, 2019   by Sai gowtham

How to Make Post request in React using Axios

`React`   **2min read**

In this tutorial, we are going to learn about post request in the react.js with the help of examples.

reactgo.com recommended course

[Advanced React - Build an online store with React and GraphQL](#)

Installing Axios

First, we need to install the **axios** http client library from the npm.

Run the below command in your terminal to install the `axios` .
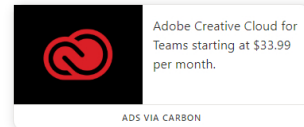
```
npm i axios
```

Example post component

> Note: This tutorial only shows you how to make a post request, if you want to learn about react forms checkout [my previous tutorial](#).

This is our example **Post component** which contains `input` field and `textarea` field where [two way data binding](#) is used to access the input values.

```
Post.js
```
```
import React,{Component} from 'react';

class Post extends Component {
```
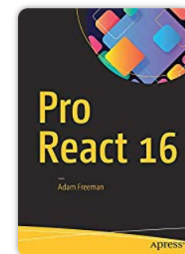
Get our latest tutorials

Email user@email.com

Send me

Related Tutorials

How To Set A Background Image In React

How To Fetch Data Using React Hooks

How To Fetch Data In React Redux Using Hooks

What Is React Lazy And React Suspense With Examples

```
  state = {
    title: "",
    body: ""
  };
  onTitleChange = e => {
    this.setState({
      title: e.target.value
    });
  };

  onBodyChange = e => {
    this.setState({
      body: e.target.value
    });
  };
  render() {
    return (
      <div className="post">
        <form className="post" >
          <input placeholder="Title" value={this.state.title}
            onChange={this.onTitleChange} required
          />
          <textarea
            placeholder="Body" value={this.state.body}
            onChange={this.onBodyChange} required
          />
          <button type="submit">Create Post</button>
        </form>
      </div>
    );
  }
}
export default Post;
```

Making a post request

Post.js

```
import React, { Component } from "react";
import axios from "axios";

class Post extends Component {
  state = {
    title: "",
    body: ""
  };

  onTitleChange = e => {
    this.setState({
      title: e.target.value
    });
  };

  onBodyChange = e => {
    this.setState({
      body: e.target.value
    });
  };
  handleSubmit = e => {
    e.preventDefault();
    const data = {
      title: this.state.title,
      body: this.state.body
    };
    axios
      .post("https://jsonplaceholder.typicode.com/posts", data)
      .then(res => console.log(res))
      .catch(err => console.log(err));
  };

  render() {
    return (
      <div className="post">
        <form className="post" onSubmit={this.handleSubmit}>
          <input
            placeholder="Title" value={this.state.title}
            onChange={this.onTitleChange} required
          />
          <textarea
            placeholder="Body" value={this.state.body}
            onChange={this.onBodyChange} required
```

```
        />
          <button type="submit">Create Post</button>
        </form>
      </div>
    );
  }
}

export default Post;
```
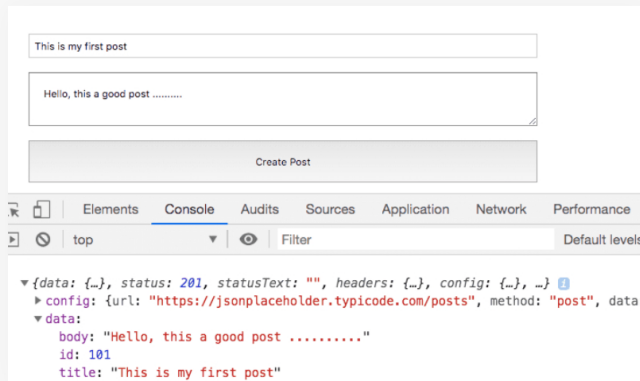
In the above code, we first imported `axios` object from the `axios` library.

Where `axios.post` method takes two arguments, the first argument is `url` and the second argument is the `data` we need to post to our backend server then we chained with `then` method and `catch` method.

then method is invoked when a post request is successful.

catch method is invoked when a post request is failed and error has occurred.

Output

Share:

Reactgo   @saigowthamr   Rss feed

Affiliate Disclosure   Code Examples

Get our latest tutorials

Email user@email.com   Send me