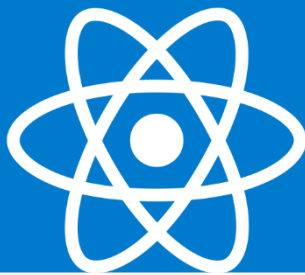




React JS JSON POST API

#React Notes

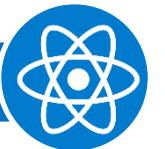
| JSON POST Data



API

- Method : POST
- URL : <https://akashsir.in/myapi/crud/todo-add-json.php>
- JSON Body :

```
{  
  "todo_title": "Test",  
  "todo_details": "Test"  
}
```



API Testing

The screenshot displays a REST client interface with a POST request to `https://akashsir.in/myapi/crud/todo-add-json.php`. The request body is a JSON object: `{ "todo_title": "Coding", "todo_details": "I Love Coding 123" }`. The response body is also JSON: `{ "flag": "1", "message": "Your todo added successfully " }`.

POST `https://akashsir.in/my` + ...

`https://akashsir.in/myapi/crud/todo-add-json.php`

POST `https://akashsir.in/myapi/crud/todo-add-json.php`

Params Authorization Headers (8) **Body** Pre-request Script Tests Settings

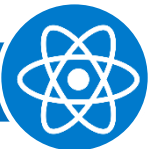
● none ● form-data ● x-www-form-urlencoded ● **raw** ● binary ● GraphQL **JSON** ▾

```
1 {
2   "todo_title": "Coding",
3   "todo_details": "I Love Coding 123"
4 }
```

Body Cookies Headers (13) Test Results

Pretty Raw Preview Visualize **JSON** ▾ ↻

```
1 {
2   "flag": "1",
3   "message": "Your todo added successfully "
4 }
```



API Testing

The screenshot displays a REST client interface with a yellow header bar. At the top, a tab shows a POST request to `https://akashsir.in/my`. Below this, the selected request is `https://akashsir.in/myapi/crud/todo-add-json.php`. The interface includes tabs for Params, Authorization, Headers (8), Body (selected), Pre-request Script, Tests, and Settings. Under the Body tab, a dropdown menu is open, showing options: none, form-data, x-www-form-urlencoded, raw (selected), binary, GraphQL, and JSON. The request body is a JSON object:

```
{
  "todo_title": "Coding",
  "todo_details": "I Love Coding 123"
}
```

. Below the request, the response section is visible with tabs for Body (selected), Cookies, Headers (13), and Test Results. The response body is shown in 'Pretty' format as a JSON object:

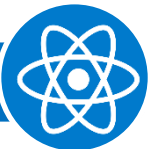
```
{
  "flag": "1",
  "message": "Your todo added successfully "
}
```



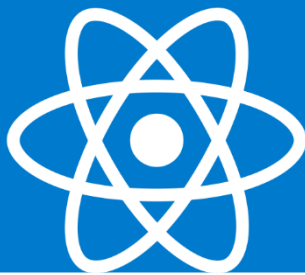
Steps

- OnButton Click Send Data
- Take JS Object Store State Value
 - Object = {
Key:StateValue, Key:StateValue,
}
- Convert JS Object to JSON Stringify
 - JSON.stringify(object)
- Use Headers Content Type JSON in Axios Post

```
var customConfig = {  
  headers: {  
    'Content-Type': 'application/json'  
  }  
};
```



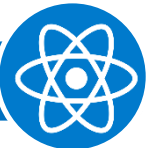
| Static Add Data



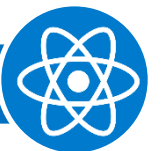
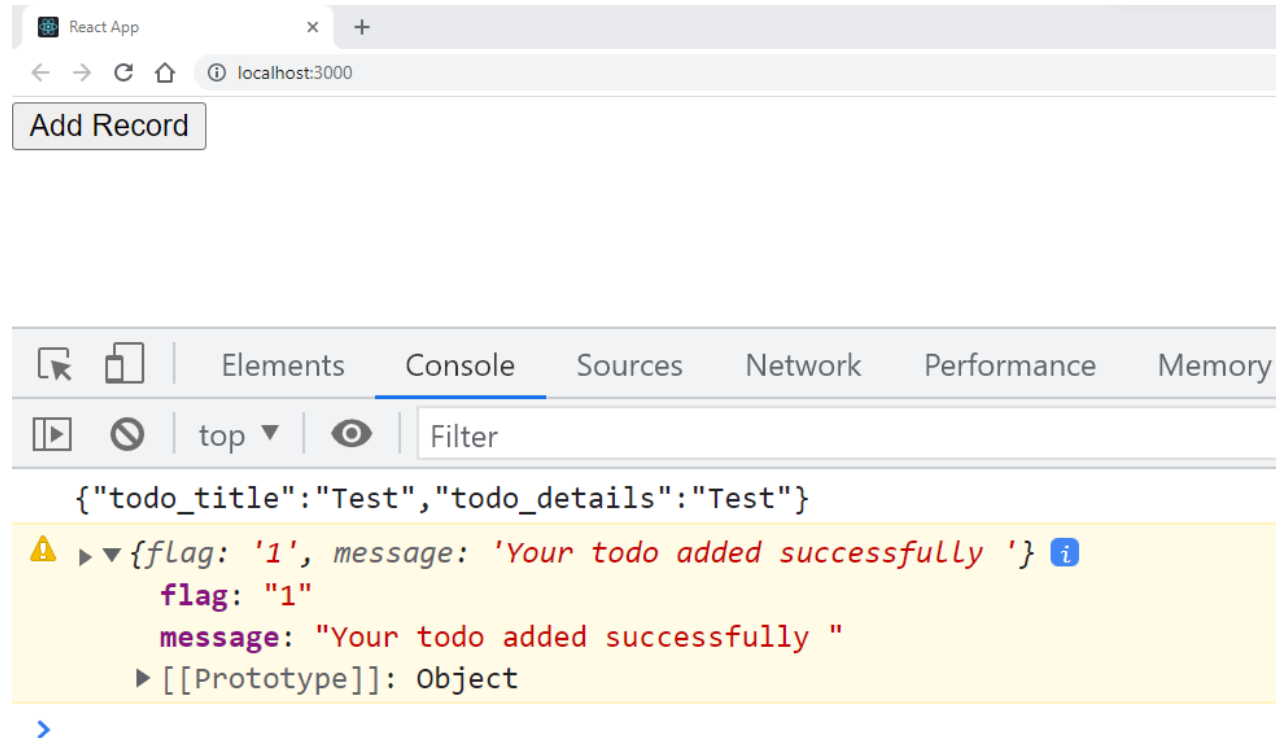
Add Record on Button Click

```
JS Add2.js X
src > JS Add2.js > [X] default
1  import React from 'react';
2  import axios from 'axios';
3  class Add2 extends React.Component {
4      onSubmitProcess(event) {
5          event.preventDefault();
6          //Javascript Object
7          var mydata = {
8              "todo_title": "Test",
9              "todo_details": "Test",
10         }
11         var myjsondata = JSON.stringify(mydata); //JSON Object
12         console.log(myjsondata);
13         //Header Content Type JSON
14         var customConfig = {
15             headers: {
16                 'Content-Type': 'application/json'
17             }
18         };
19         axios.post("https://akashsir.in/myapi/crud/todo-add-json.php", myjsondata, customConfig)
20             .then(function (response) {
21                 console.warn(response.data);
22             }).catch(function (response) {
23                 console.error(response);
24             });
25     }
26     render() {
27         return (
28             <>
29             <input type="button" value="Add Record" onClick={this.onSubmitProcess.bind(this)} />
30             </>
31         );
32     }
33 }
34 export default Add2;
```

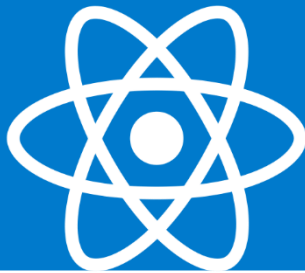
```
import React from 'react';
import axios from 'axios';
class Add2 extends React.Component {
    onSubmitProcess(event) {
        event.preventDefault();
        //Javascript Object
        var mydata = {
            "todo_title": "Test",
            "todo_details": "Test",
        }
        var myjsondata = JSON.stringify(mydata); //JSON Object
        console.log(myjsondata);
        //Header Content Type JSON
        var customConfig = {
            headers: {
                'Content-Type': 'application/json'
            }
        };
        axios.post("https://akashsir.in/myapi/crud/todo-add-json.php", myjsondata, customConfig)
            .then(function (response) {
                console.warn(response.data);
            }).catch(function (response) {
                console.error(response);
            });
    }
    render() {
        return (
            <>
            <input type="button" value="Add Record" onClick={this.onSubmitProcess.bind(this)} />
            </>
        );
    }
}
export default Add2;
```



Output



| Dynamic Add



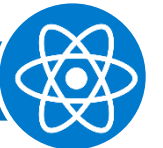
Code

JS Add2.js 1 X

src > JS Add2.js > Add2 > constructor

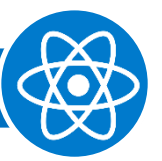
```
1 import React from 'react';
2 import axios from 'axios';
3 class Add2 extends React.Component {
4   constructor(props) {
5     super(props);
6     this.state = { txt1: '', txt2: '' };
7   }
8   onChangeControl(event) {
9     this.setState({ [event.target.name]: event.target.value });
10  }
11  onSubmitProcess(event) {
12    event.preventDefault();
13    //Javascript Object
14    var mydata = {
15      "todo_title":this.state.txt1,
16      "todo_details":this.state.txt2,
17    }
18    //JSON Object
19    var myjsondata = JSON.stringify(mydata);
20    console.log(myjsondata);
21    //Header Content Type JSON
22    var customConfig = {
23      headers: {
24        'Content-Type': 'application/json'
25      }
26    };
```

```
import React from 'react';
import axios from 'axios';
class Add2 extends React.Component {
  constructor(props) {
    super(props);
    this.state = { txt1: '', txt2: '' };
  }
  onChangeControl(event) {
    this.setState({ [event.target.name]: event.target.value });
  }
  onSubmitProcess(event) {
    event.preventDefault();
    //Javascript Object
    var mydata = {
      "todo_title":this.state.txt1,
      "todo_details":this.state.txt2,
    }
    //JSON Object
    var myjsondata = JSON.stringify(mydata);
    console.log(myjsondata);
    //Header Content Type JSON
    var customConfig = {
      headers: {
        'Content-Type': 'application/json'
      }
    };
  }
};
```



Code 1

```
27     axios.post("https://akashsir.in/myapi/crud/todo-add-json.php", myjsondata, customConfig)
28     .then(function (response) {
29         console.warn(response);
30         //Check response condition
31         if (response.data.flag == "1") {
32             alert("Record Added " + response.data.message);
33         } else {
34             alert(response.data.message);
35         }
36     }).catch(function (response) {
37         console.error(response);
38     });
39 }
40 render() {
41     return (
42         <>
43         <h2>Add2</h2>
44         <form onSubmit={this.onSubmitProcess.bind(this)}>
45             Title : <input type="text" name="txt1" onChange={this.onChangeControl1.bind(this)} /><br />
46             Details : <input type="text" onChange={this.onChangeControl1.bind(this)} name="txt2" /><br />
47             <input type="submit" />
48         </form>
49     </>
50 );
51 }
52 }
53 export default Add2;
```



Code 2

```
    axios.post("https://akashsir.in/myapi/crud/todo-add-json.php", myjsondata, customConfig)
      .then(function (response) {
        console.warn(response);
        //Check response condition
        if (response.data.flag == "1") {
          alert("Record Added " + response.data.message);
        } else {
          alert(response.data.message);
        }
      }).catch(function (response) {
        console.error(response);
      });
  }
  render() {
    return (
      <>
        <h2>Add2</h2>
        <form onSubmit={this.onSubmitProcess.bind(this)}>
          Title : <input type="text" name="txt1" onChange={this.onChangeControl.bind(this)}
        /><br />
          Details : <input type="text" onChange={this.onChangeControl.bind(this)} name="txt2"
        /><br />
          <input type="submit" />
        </form>
      </>
    );
  }
}
export default Add2;
```



Output

React App

localhost:3001

Add2

Title :

Details :

localhost:3001 says
Record Added Your todo added successfully

OK

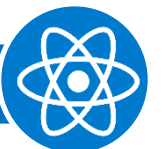
Elements Console Sources Network Performance Memory >>

top Filter Default level

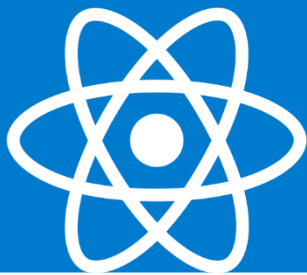
```
{"todo_title": "Coding", "todo_details": "I Love Coding 123"}
```

react devt

```
{data: {...}, status: 200, statusText: 'OK', headers: AxiosHeaders, config: {...}, ...}
```



| Hooks



Code

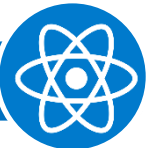
```
src > Add3.js 1 X
src > Add3.js > App > submitData
1  import React from 'react';
2  import axios from 'axios';
3
4  function App() {
5      const [myData, myDataUpdate] = React.useState({});
6
7      const onChangeEvent = (e) => {
8          myDataUpdate((myData) => ({
9              ...myData,
10             [e.target.name]: e.target.value
11         }));
12     }
13
14     const submitData = (event) => {
15         event.preventDefault();
16         //Javascript Object
17         var mydata = {
18             "todo_title": myData.txt1,
19             "todo_details": myData.txt2,
20         }
21         //JSON Object
22         var myjsondata = JSON.stringify(mydata);
23         console.log(myjsondata);
24         //Header Content Type JSON
25         var customConfig = {
26             headers: {
27                 'Content-Type': 'application/json'
28             }
29         };
30     }
31 }
```

```
import React from 'react';
import axios from 'axios';

function App() {
    const [myData, myDataUpdate] = React.useState({});

    const onChangeEvent = (e) => {
        myDataUpdate((myData) => ({
            ...myData,
            [e.target.name]: e.target.value
        }));
    }

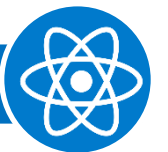
    const submitData = (event) => {
        event.preventDefault();
        //Javascript Object
        var mydata = {
            "todo_title": myData.txt1,
            "todo_details": myData.txt2,
        }
        //JSON Object
        var myjsondata = JSON.stringify(mydata);
        console.log(myjsondata);
        //Header Content Type JSON
        var customConfig = {
            headers: {
                'Content-Type': 'application/json'
            }
        };
    }
}
```



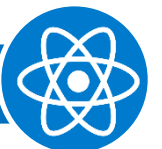
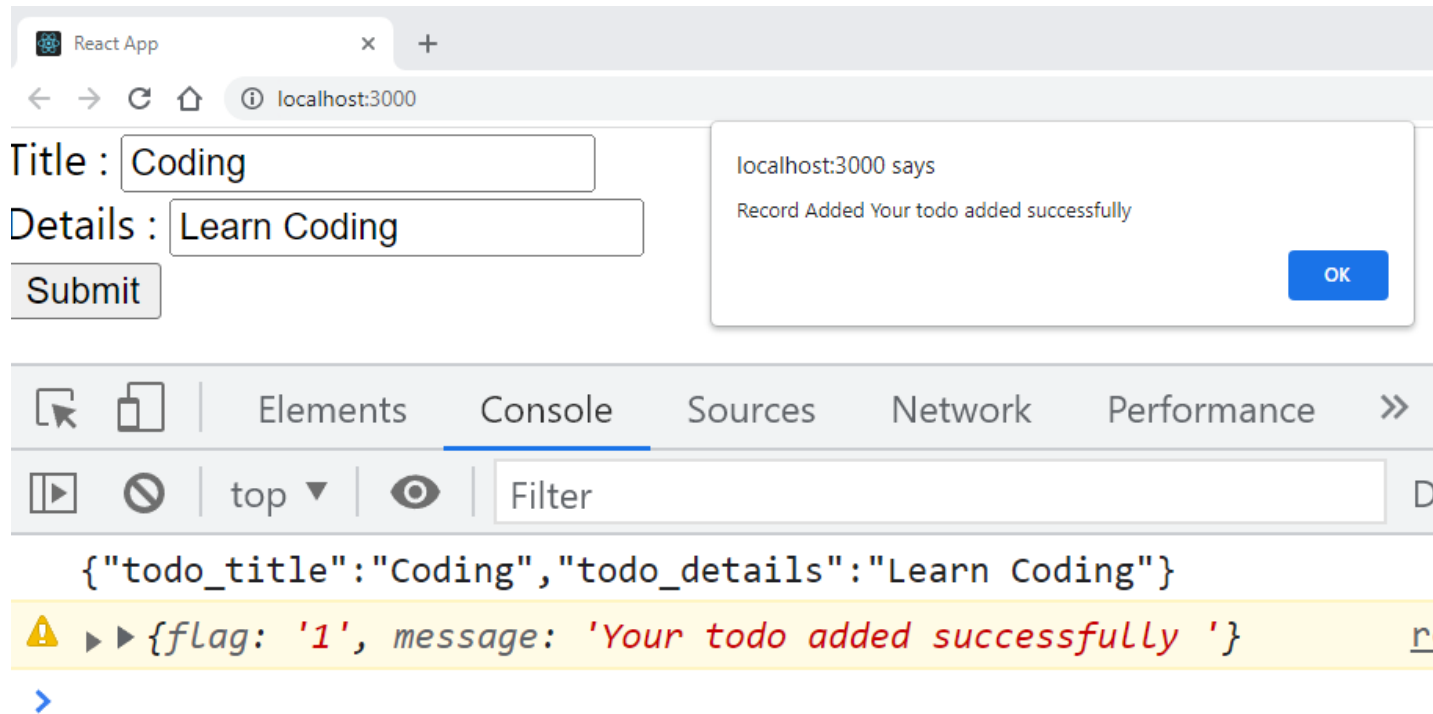
Code

```
30
31     axios.post("https://akashsir.in/myapi/crud/todo-add-json.php", myjsondata, customConfig)
32     .then(function (response) {
33         console.warn(response.data);
34         //Check response condition
35         if (response.data.flag == "1") {
36             alert("Record Added " + response.data.message);
37         } else {
38             alert(response.data.message);
39         }
40     }).catch(function (response) {
41         console.error(response);
42     });
43 }
44 return (
45     <div>
46         <form onSubmit={submitData}>
47             Title : <input type="text" name='txt1' onChange={onChangeEvent} />
48             Details : <input type="text" name='txt2' onChange={onChangeEvent} />
49             <input type="submit" />
50         </form>
51     </div>
52 );
53 }
54 export default App;
```

```
axios.post("https://akashsir.in/myapi/crud/todo-add-json.php", myjsondata, customConfig)
    .then(function (response) {
        console.warn(response.data);
        //Check response condition
        if (response.data.flag == "1") {
            alert("Record Added " + response.data.message);
        } else {
            alert(response.data.message);
        }
    }).catch(function (response) {
        console.error(response);
    });
}
return (
    <div>
        <form onSubmit={submitData}>
            Title : <input type="text" name='txt1' onChange={onChangeEvent} /> <br />
            Details : <input type="text" name='txt2' onChange={onChangeEvent} /> <br />
            <input type="submit" />
        </form>
    </div>
);
}
export default Add3;
```



Output

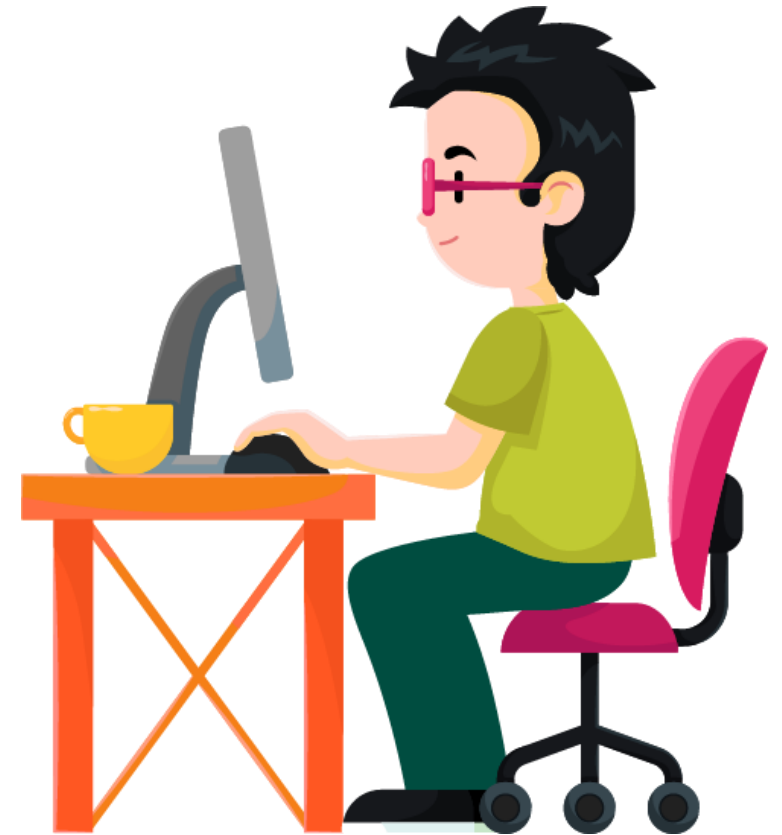


Get Exclusive Video Tutorials



www.apptutorials.com

<https://www.youtube.com/user/Akashtips>





Get More Details

www.akashsir.com



If You Liked It !

Rating Us Now



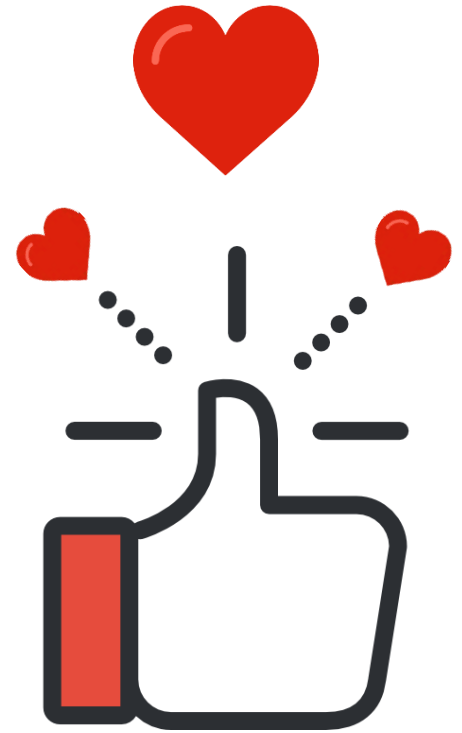
Just Dial

https://www.justdial.com/Ahmedabad/Akash-Technolabs-Navrangpura-Bus-Stop-Navrangpura/079PXX79-XX79-170615221520-S5C4_BZDET



Sulekha

<https://www.sulekha.com/akash-technolabs-navrangpura-ahmedabad-contact-address/ahmedabad>



Connect With Me



Akash Padhiyar
#AkashSir

www.akashsir.com

www.akashtechlabs.com

www.akashpadhiyar.com

www.apptutorials.com

Social Info



Akash.padhiyar



Akashpadhiyar



Akash_padhiyar



+91 99786-21654



#Akashpadhiyar

#apptutorials