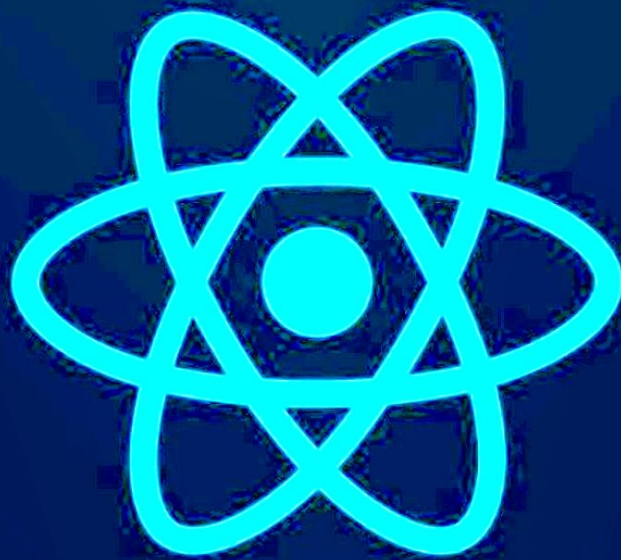




@pyplane\_code

# Fetch data in React js





@pyplane\_code

01

In this tutorial we will fetch data from the SWAPI API comparing the fetch method and axios library

# SWAPI

The Star Wars API

(what happened to swapi.co?)

All the Star Wars data you've ever wanted:

**Planets, Spaceships, Vehicles, People, Films and Species**

From all **SEVEN** Star Wars films

**Now with The Force Awakens data!**

**Try it now!**

people/1/

planets/3/ or starships/9/

## 1) Using the Fetch API

```
const [ projectData, setProjectData ] = useState([])
const endPoint = 'https://swapi.dev/api/people/'

useEffect(() => {
  | fetchData(endPoint)
}, [])

const fetchData = async(url) => {
  | try {
  |   | const response = await fetch(url, {
  |   |   | method: 'GET',
  |   | })
  |   | const data = await response.json();
  |   | const { results } = data
  |   | setProjectData(results)
  |
  |   | if (!response.ok) {
  |   |   | throw new Error(response.statusText);
  |   | }
  | } catch (e) {
  |   | console.log(`Error: ${e}`);
  | }
}
```



## 2) Using axios library

npm install axios

```
const [ projectData, setProjectData ] = useState([])
const endPoint = 'https://swapi.dev/api/people/'

useEffect(()=> {
  | fetchData(endPoint)
}, [])

const fetchData = async(url) => {
  | try {
  |   const response = await axios.get(url)
  |   const { results } = response.data
  |
  |   setProjectData(results)
  | } catch (e) {
  |   console.log(`Error: ${e}`);
  | }
}
```