

API

API is an abbreviation for Application Programming Interface which is a collection of communication protocols and subroutines used by various programs to communicate between them. A programmer can make use of various API tools to make its program easier and simpler. Also, an API facilitates the programmers with an efficient way to develop their software programs.

Fetch() in reactjs

```
import React,{useEffect,useState} from 'react'

const App=()=>=> {
  const[data,setData]=useState([]);
  useEffect(()=>{
    fetch('https://jsonplaceholder.typicode.com/todos').then(
      response => response.json()
    ).then(json => setData(json))
  })
  return (
    <div>
      {data.map(item => <li key={item.id}> {item.title}</li>)}
    </div>
  )
}
```

```
export default App
```

Below is a quick set of examples to show how to send HTTP GET requests from React to a backend API using `fetch()` which comes bundled with all modern browsers.

Other HTTP examples available:

- React + Fetch:POST,PUT,DELETE
- React + Axios: GET, POST, PUT, DELETE
- Angular: GET, POST, PUT, DELETE
- Vue + Fetch: GET, POST, PUT, DELETE
- Vue + Axios: GET, POST
- Blazor WebAssembly: GET, POST
- Axios: GET, POST, PUT, DELETE
- Fetch: GET, POST, PUT, DELETE

