

Interacting with external APIs
over the network

fetch

using fetch

React Native provides the Fetch API available out of the box.

In order to fetch content from a URL, just pass the URL to fetch:

```
fetch( 'https://swapi.co/api/people/' )
```

fetch

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fetch will return a Promise that makes it straightforward to write code that works in an asynchronous manner.

```
componentDidMount() {  
  fetch('https://swapi.co/api/people/')  
    .then(response => response)  
    .catch(err => err);  
}
```

fetch

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Fetch also takes an optional second argument that allows you to customize the HTTP request.

```
fetch('https://mywebsite.com/endpoint/', {  
  method: 'POST',  
  headers: {  
    'Accept': 'application/json',  
    'Content-Type': 'application/json',  
  },  
  body: JSON.stringify({  
    firstParam: 'yourValue',  
    secondParam: 'yourOtherValue',  
  }),  
});
```

axios

using axios

axios is a Promise based HTTP client

```
npm i --save axios
```

axios

using axios

axios is a Promise based HTTP client

```
import axios from 'axios';  
  
axios.get('https://swapi.co/api/people/')  
  .then(data => console.log('data: ', data));
```

axios

using axios

configuring an axios request

```
import axios from 'axios';

axios({
  method: 'post',
  url: 'https://www.someurl/user/12345',
  data: {
    firstName: 'Chris',
    lastName: 'Johnson',
  },
})
.catch(err => console.log(err));;
```