

# Lesson 6: Diving Deeper into React Native

Bringing in external data

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React Native Quickstart

# Lesson Outline

1. Getting data from an online source
2. States

## Getting data from an online source

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## Getting the news

We'll be using an online service to convert the New York Times' RSS feed to a JSON object.

It is accessible through the link

<https://newsapi.org/v2/top-headlines?country=us&apiKey=7c185ff7708e44dea7b0f22f482203d5>.

# The Fetch API

In JavaScript, we can use the `fetch()` API to do GET and POST operations.

An example of how we would use it in React Native as a `getData()` function:

```
const getData = async() => {  
  const response = await fetch('https://newsapi.org/v2/top-headlines?country=us&apiKey=7c18...')  
  const parsedResponse = await response.json()  
  const articles = parsedResponse.articles  
  console.log(articles)  
}
```

# The Fetch API

We can now use this function in `./src/pages/Home.jsx`.

Put the function `getData()` above the `Home` const.

```
const getData = async() => {  
  const response = await fetch('https://newsapi.org/v2/top-headlines?country=us&apiKey=7c18...')  
  const parsedResponse = await response.json()  
  const articles = parsedResponse.articles  
  console.log(articles)  
}  
  
const Home = () => {  
  ...  
}
```

# Making our Button interactive

Let's make our button call `getData` when it's pressed!

```
<Button onPress={getData} />
```

# States

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# What is a state?

In React/Native, we can think of a state a variable that can change over time.

We can use a state inside of components such as `<View>`, which will then re-render when we change the state.

```
<Button onPress={getData} />
```

## End of Lesson

Questions? Reach out at: [karlorjalo@gmail.com](mailto:karlorjalo@gmail.com)