

Making the AJAX Request

Transforming the request URL into an AJAX request and receiving JSON. (4 min. read)

We left off here

index.js

getUrl.js

getInputValue.js

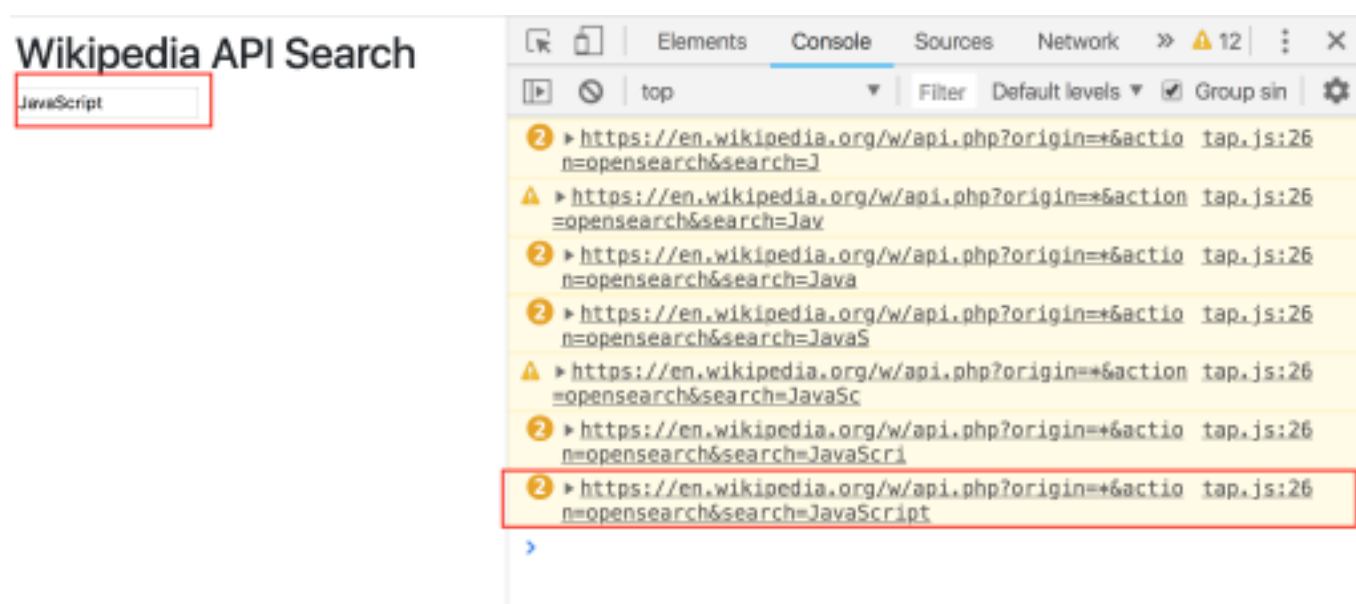
```
import 'bootstrap/dist/css/bootstrap.min.css';
import { pipe, tap } from 'ramda';
import getInputValue from './getInputValue';
import getUrl from './getUrl';

const makeUrlFromInput = pipe(
  getInputValue,
  getUrl,
  tap(console.warn)
);

const inputElement = document.querySelector('input');

inputElement.addEventListener('keyup', makeUrlFromInput);
```

And had working URL functionality.



Next step is mapping that URL to an AJAX request and collecting the JSON response.

Rename `makeUrlFromInput` to `searchAndRenderResults` and edit it to look like

Rename `makeOrIfFromInput` to `searchAndRenderResults` and edit it to look like this.

index.js

getUrl.js

getInputValue.js

```
import 'bootstrap/dist/css/bootstrap.min.css';
import { pipe, tap } from 'ramda';
import getInputValue from './getInputValue';
import getUrl from './getUrl';

const searchAndRenderResults = pipe(
  getInputValue,
  getUrl,
  url =>
    fetch(url)
      .then(res => res.json())
      .then(console.warn)
);

const inputElement = document.querySelector('input');

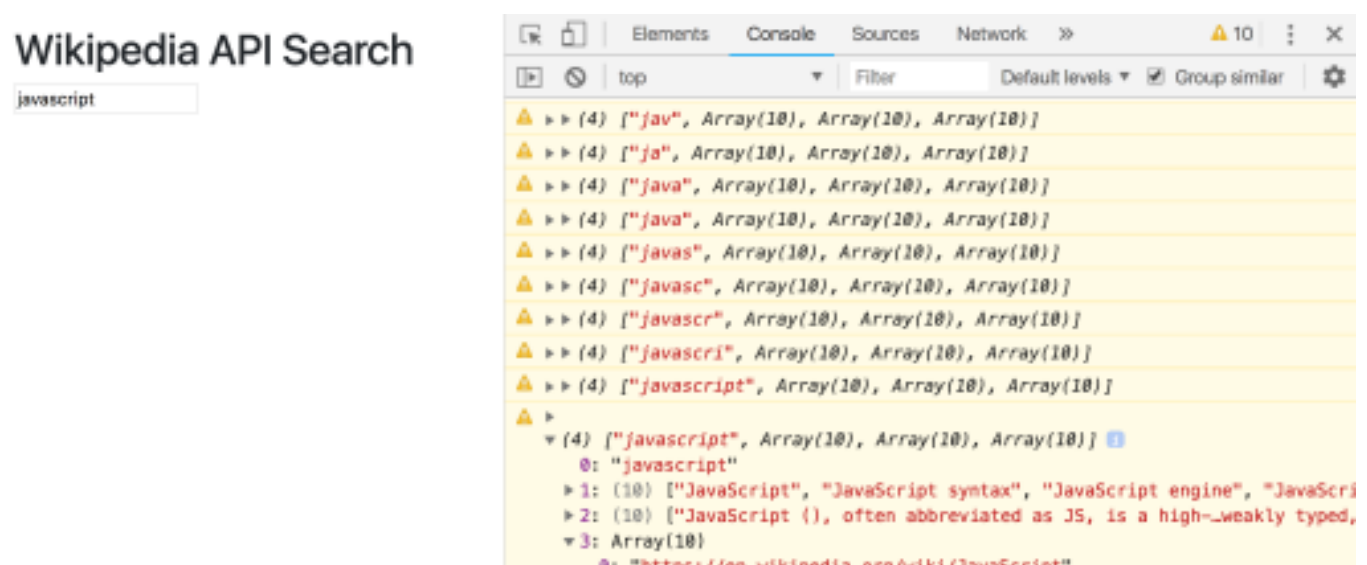
inputElement.addEventListener('keyup', searchAndRenderResults);
```

We've simply renamed it and added a function that fetches the URL and logs the JSON response.

Don't forget to change your event listener too!

```
inputElement.addEventListener('keyup', searchAndRenderResults);
```

Here's our result



```
0: "https://en.wikipedia.org/wiki/JavaScript"  
1: "https://en.wikipedia.org/wiki/JavaScript_syntax"  
2: "https://en.wikipedia.org/wiki/JavaScript_engine"
```

Looking good so far! We're making the AJAX request and properly parsing/logging the response.

Next step is hooking it up with our UI!