Making the AJAX Request

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

We left off here

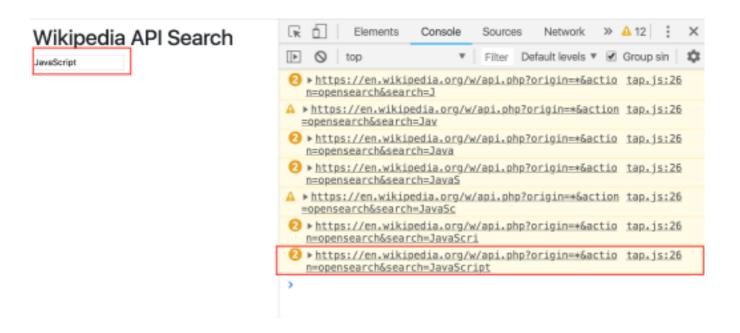
```
index.js

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.

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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

javascript

Wikipedia API Search

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1: "https://en.wikipedia.org/wiki/JavaScript_symtax"
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!