

The fetch API

[New and easy way]

- Instead of XMLHttpRequest always use the fetch api method because its very easy and it takes less code to write and its also gonna implement promise api underneath which is gonna be handling success and error cases easy too.

- first we create another file called "luigi.json" Now write below code in that file

[

```
{ "text": "playing", "author": "luigi" },
{ "text": "swim", "author": "luigi" },
{ "text": "cricket", "author": "luigi" }
```

]

Now write below code in main javascript file

```
fetch('luigi.json').then(response => {
  console.log('resolved', response);
  return response.json();
}).then(data => {
  console.log(data);
}).catch(error => {
  console.log('rejected', error);
});
```

← this returns a promise
[a promise is something that typically takes a little bit of time to do and it can either reject it or resolve it]

resolved

- ▶ Response { type: "basic", url: "... }"
- ▶ (3) [{ ... }, { ... }, { ... }]

Here you need to remember only three steps

① fetch the data

② then we take the response

③ and then we return `response.json` which returns a promise then we can use `.then` and inside it we fire function where we actually have access to that data and we can also catch the error at end using `.catch`