

Data Access Using HTTP



Mark Zamoyta

SOFTWARE DEVELOPER AND EDUCATOR

@markzamoyta



Introduction



HTTP Requests Using XHR

HTTP Requests Using jQuery

HTTP POST Using jQuery



HTTP Requests Using XHR



XMLHttpRequest (XHR)

```
let xhttp = new XMLHttpRequest();
xhttp.onreadystatechange = function() {
    if (this.readyState == 4 && this.status == 200) {
        console.log(this.responseText);
    }
};
xhttp.open("GET", "http://myid.mockapi.io/api/v1/users",
    true);
xhttp.send();
```



HTTP Requests Using jQuery



➤ `npm install jquery`

Installing the jQuery Package



jQuery and HTTP GET

```
import $ from 'jquery';  
  
$.get("http://myid.mockapi.io/api/v1/users",  
      data => console.log('data: ', data)  
);
```



jQuery and HTTP GET

```
import $ from 'jquery';

let promise = $.get("http://myid.mockapi.io/api/v1/users");
promise.then(
  data => console.log('success: ', data),
  error => console.log('error: ', error)
);
```



HTTP POST Using jQuery



jQuery and HTTP POST

```
import $ from 'jquery';  
let user = {  
  name: 'Mark Zamoyta',  
  avatar: 'mark.jpg'  
};  
let promise = $.post(  
  "http://myid.mockapi.io/api/v1/users", user  
);  
promise.then(  
  data => console.log('data: ', data),  
  error => console.log('error: ', error)  
);
```



Summary



HTTP Requests Using XHR

- too low level for typical use

HTTP Requests Using jQuery

- let promise = \$.get(url);

HTTP POST Using jQuery

- let promise = \$.post(url, data);

