

**personal-website/projects/prog12/ajax.js**

```
1 // global variables to keep track of the request
2 // and the function to call when done
3 var ajaxreq = false, ajaxCallback;
4
5 // ajaxRequest: Sets up a request
6 function ajaxRequest(filename, callback) {
7
8     // Create a new request
9     try {
10         ajaxreq = new XMLHttpRequest();
11     } catch (error) {
12         return false;
13     }
14
15     // Set up the request
16     ajaxCallback = callback;
17
18     // Set up to handle the response
19     ajaxreq.open("GET", filename);
20     ajaxreq.onreadystatechange = ajaxResponse;
21
22     // Send the request
23     ajaxreq.send(null);
24 }
25
26 // ajaxResponse: Waits for response and calls a function
27 function ajaxResponse() {
28
29     // Wait until the request is complete
30     if (ajaxreq.readyState != 4) return;
31
32     // If the request succeeded, call the callback
33     if (ajaxreq.status == 200) {
34         // if the request succeeded...
35         if (ajaxCallback) ajaxCallback(ajaxreq.responseXML);
36     }
37     else alert("Request failed: " + ajaxreq.statusText);
38
39     return true;
40 }
41
```