

[Slide 16.4: AJAX database](#)[Slide 16.6: AJAX database: The PHP file](#)[Home](#)

AJAX Database: The JavaScript File

Select a book: ▼

Book information will be listed here...

When a user selects a book in the dropdown list above, a function called [showBook](#) as below is executed. The showBook function does the following:

1. Check if a book is selected.
2. Create an [XMLHttpRequest](#) object.
3. Create the function to be executed when the server response is ready.
4. Send the request off to a file on the server.
5. A parameter (q) with the content of the dropdown list is added to the URL.

```
01 function showBook( str ) {
02     if ( str == "" ) {
03         document.getElementById("txtHint").innerHTML = "";
04         return;
05     }
06     if ( window.XMLHttpRequest ) {
07         // code for IE7+, Firefox, Chrome, Opera, Safari
08         xmlhttp = new XMLHttpRequest( );
09     }
10     else {
11         // code for IE6, IE5
12         xmlhttp = new ActiveXObject("Microsoft.XMLHTTP");
13     }
14     xmlhttp.onreadystatechange = function( ) {
15         if ( ( xmlhttp.readyState == 4 ) &&
16             ( xmlhttp.status == 200 ) ) {
17             document.getElementById("txtHint").innerHTML =
18                 xmlhttp.responseText;
19         }
20     }
```

```
21 | xmlhttp.open( "GET", "getBook.php?q="+str, true );  
22 | xmlhttp.send( );  
23 | }
```

[Slide 16.4: AJAX database](#)

[Slide 16.6: AJAX database: The PHP file](#)

[Home](#)

