PRINT
VERSION

AJAX RSS Reader: The JavaScript File

Select an RSS-feed: ▾

RSS-feed will be listed here...

When a user selects an RSS-feed in the dropdown list above, a function called showRSS is executed. The showRSS function does the following:

1. Check if an RSS-feed 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 showRSS( str ) {
02    if ( str.length == 0 ) {
03      document.getElementById("rssOutput").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("rssOutput").innerHTML =
18          xmlhttp.responseText;
19      }
20    }
21    xmlhttp.open( "GET", "getRSS.php?q="+str, true );
```

```
22    xmlhttp.send( );
23 }
```

Slide 16.16: AJAX RSS reader
Slide 16.18: AJAX RSS reader: The PHP file
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