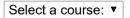
8/28/2017 Slide 16.7: AJAX XML

Slide 16.6: AJAX database: The PHP file Slide 16.8: AJAX XML: The JavaScript file Home



AJAX XML

AJAX can be used for interactive communication with an XML file. The example below shows how a web page can fetch information from an XML file using AJAX technology.



Course information will be listed here.

This example consists of four files:

- 1. a client-side simple HTML form,
- 2. a client-side JavaScript file showCourse.js,
- 3. a server-side XML file courseList.xml, and
- 4. a server-side PHP file getCourse.php.

The HTML Form

It contains a simple HTML form and a link to a JavaScript file:

```
01 <html>
      <head><script src="showCourse.js"></script></head>
02
03
      <body>
04
05
          <select name="courses" onChange="showCourse( this.value )">
            <option value="">Select a course:</option>
06
            <option value="260">CSci260</option>
07
            <option value="370">CSci370</option>
98
09
10
          </select>
11
        <span id="txtHint">Course information will be listed here.
12
13
      </body>
14 </html>
```

It is just a simple HTML form with a simple drop down box called courses. A span called txtHint is used as a placeholder for information retrieved from the web server. When the user selects data, a function called

8/28/2017 Slide 16.7: AJAX XML

showCourse is executed. The execution of the function is triggered by the <u>onChange</u> event. In other words: Each time the user changes the value in the drop down box, the function showCourse is called.

Slide 16.6: AJAX database: The PHP file Slide 16.8: AJAX XML: The JavaScript file

Home

