PRINT
VERSION

AJAX Suggest

AJAX is used to create more interactive applications. For example,

Start typing a course in the input field:

Suggestions:

When you start typing in the textbox, a JavaScript sends the letters off to a server and the server returns a list of suggestions. It consists of three pages:

- a client-side simple HTML form,
- a client-side JavaScript file showHint.js, and
- a server-side PHP file getHint.php.

The HTML Form

This AJAX contains a simple HTML form and a link to a JavaScript file:

```
1  <html>
2   <head><script src="showHint.js"></script></head>
3   <body>
4    <form action="">
5     Course: <input type="text" id="txt1" onKeyUp="showHint( this.value )" />
6     Suggestions: <span id="txtHint"></span>
7    </form>
8   </body>
9  </html>
```

As you can see, the HTML page above contains a simple HTML form with an input field called txt1. The form works like this:

1. An event is triggered when the user presses and releases a key in the input field. The event onKeyup executes JavaScript code when a Keyup

event occurs; that is, when the user releases a key.

2. When the event is triggered, a function called `showHint` is executed.

3. Below the form is an element `<`span`>` called `txtHint`. This is used as a placeholder for the return data of the `showHint` function.

Slide 15.9: AJAX using a callback function
Slide 16.2: AJAX suggest: The JavaScript file
Home

PRINT
VERSION