

Slide 2.4: Web user interface construction

Slide 2.6: Writing HTML scripts

Home



Exercise Design and Implementation (Cont.)

5. Calling a PHP Script with Embedded SQL

The following PHP program shows how to access the your-db database and the books table and list the book titles, each of which contains a substring \$_POST[title] entered from the Web. If the substring \$_POST[title] is empty, then list all titles. Everything printed from PHP is displayed on the browser.

~wenchen/public_html/course/457/2/ListTitles.php

```

01 <html><body>
02 <?php
03
04 if ( $_POST['act'] == "List the titles" ) {
05
06     /*****
07
08     This program shows how to list the book titles from the
09     books table.
10
11     To use this program, you need to create a table
12     books by using the following command:
13
14     mysql> create table books (
15         -> title char(128),
16         -> ISBN char(20) primary key,
17         -> price real );
18     Query OK, 0 rows affected (0.07 sec)
19
20     *****/
21
22     $username = "your-id";
23     $password = "your-pw";
24     $database = "your-db";
25     $host = "mysqldev.aero.und.edu";
26
27     // Connect to the database.
28     $conn = mysql_connect( $host, $username, $password );
29
30     // Select a database.
31     mysql_select_db( $database, $conn );
32
33     // Compose the query.
34     $query = "select title from books where ";
35     $query = $query . "title like '%$_POST[title]%'";
36
37     // Execute the query.
38     $result = mysql_query( $query );
39
40     // Find the row number of the results.

```

```
41     $num      = mysql_numrows( $result );
42
43     // Print the results row by row.
44     $i = 0;
45     while ( $i < $num ) {
46         $title = mysql_result( $result, $i, "title" );
47         echo  "$title";
48         $i++;
49     }
50
51     // Close the database.
52     mysql_close( );
53 }
54
55
56 elseif ( $_POST["act"] == "Help" ) {
57     echo  "No help at this moment.";
58 }
59 else {
60     echo  "No such option: $_POST['act']";
61 }
62
63 ?>
64 </body></html>
```

[Slide 2.4: Web user interface construction](#)

[Slide 2.6: Writing HTML scripts](#)

[Home](#)

