

Re: Update form not Updating the database.

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Source: <http://coding.derkeiler.com/Archive/PHP/alt.php/2006-07/msg00140.html>

- *From:* "Adam Plocher" <aplocher@xxxxxxxx>
 - *Date:* 7 Jul 2006 11:54:32 -0700
-

It looks like you don't have a space between the closing parans) and WHERE.

Also, are you secure from sql injection attacks? Be sure to escape bad characters and check for `is_numeric` (if the value is supposed to be numeric) before putting any user-defined data into a query. It is far too easy for people to run a DELETE or DROP statement against your database when you're not secure against injections.

More injection info @

http://www.digitalpropulsion.org/Programming/SQL_Injections_in_PHP_with_MySQL

sloane.irwin@xxxxxxxx wrote:

Hi,

I've created a web based database that can enter, view, and delete information from, but I'm having trouble with the Update form. I put in the echo mysql error and it says I have a syntax error, but I can't tell what I'm doing wrong, the query looks okay to me...

Here's the code for the form:

```
<html>
<head>
<title>New Computer Database Entry</title>
<link href="2col_leftNav.css" rel="stylesheet" type="text/css">
<style type="text/css">
<!--
.style1 { color: #334d55}
.style2 {
font-size: 100%;
color: #334d55;
}
-->
</style>
</head>
<?
require('db_login.php');
require('db_connect.php');
```

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```
?>
<body>

<?
$db = mysql_connect($host, $user, $pass);
mysql_select_db($db_name,$db);
$id=$_GET["id"];
$result = mysql_query("SELECT * FROM data WHERE id=$id", $db);

$myrow = mysql_fetch_assoc($result);

?>
<p align="center"></a></p>
<form method="get" action="db_change.php?id=? $id ?">
<label><span class="Boldtitle">Initial Information:</span><span
class="story"><br>
<br>
<br>
Inventory#
<input type="text" name="inventory" value="<? echo
$myrow["inventory"]?>" >
</span></label>

<span class="story">
<label>Service Tag/Serial #
<input type="text" name="serial" value="<? echo $myrow["serial"]?>">
</label>
</span>
<p class="style1">

<span class="story">
<label>First Name
<input type="text" name="first" value="<? echo $myrow["first"]?>">
</label>

<label>Last Name
<input type="text" name="last" value="<? echo $myrow["last"]?>">
</label>
</span></p>
<p class="story"><span class="style1"><strong>Primary User
Name</strong></span>
<input type="text" name="pri_user" value="<? echo
$myrow["pri_user"]?>">
<span class="style1"><strong>Primary User E-Mail </strong></span>
<input type="text" name="email" value="<? echo $myrow["email"]?>">
</p>
```

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```
<p class="story"><span class="story">
<label>Purchase Date
<input type="text" name="buy_date" value="<? echo
$myrow["buy_date"]?>">
</label>

<span class="style1"><strong>Warranty Expiration</strong></span>
<label>
<input type="text" name="warranty" value="<? echo
$myrow["warranty"]?>">
</label>
</span></p>
<input type='hidden' name='id' value='<? echo $myrow["id"]?>'>
<p class="story style1">

<span class="story">
<label>Vendor
<input type="text" name="vendor" value="<? echo
$myrow["vendor"]?>">
</label>
<label>Computer Name
<input type="text" name="computer_name" value="<? echo
$myrow["computer_name"]?>">
</label>
</span></p>
<p class="story style1"><span class="story">
<label>Date Entered
<input type="text" name="date_entered" value="<? echo
$myrow["date_entered"]?>">
</label>
</span></p>
<strong class="Boldtitle style2">Location:</strong>
</p>
</p>
<p class="style1">

<span class="story">
<label>City
<input type="text" name="city" value="<? echo $myrow["city"]?>">
</label>

<label>Location Building
<select name="building" value="<? echo $myrow["building"]?>">
<option>Farm</option>
<option>Gourley</option>
<option>Gourley Greenhouse</option>
<option>Home</option>
<option>Howlett</option>
<option>Howlett Greenhouse</option>
<option>Kottman</option>
```

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```
<option>Turf Center</option>
<option>Williams</option>
<option>Williams Greenhouse</option>
<option selected>OPGC (BIO CONTAINMENT)</option>
<option>Other</option>
</select>
</label>
</span></p>
<p class="style1">
```

```
<span class="story">
<label> </label>
```

```
<label>Room Number</label>
```

```
<label>
<input name="room" type="text" value="<? echo
$myrow["room"]?>" size="6" maxlength="4">
<br>
<br>
<br>
<br>
</label>
</span>
<label><span class="Boldtitle">Computer Information:</span></label>
<span class="story">
<label><br>
<br>
</label>
```

```
<label>Brand</label>
```

```
<label>
<input name="brand" type="text" value="<? echo $myrow["brand"]?>">
</label>
```

```
<label>Model
<input type="text" name="model" value="<? echo $myrow["model"]?>">
</label>
</span></p>
<p class="style1">
```

```
<span class="story">
<label></label>
<label>OS
<input name="os" type="text" size="10" maxlength="10" value="<?
echo $myrow["os"]?>">
</label>
```

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```
<label>Processor Speed (GHz)
<input name="processor" type="text" size="8" maxlength="8"
value="<? echo $myrow["processor"]?>">
</label>
</span>
<p class="style1">

<span class="story">
<label></label>

<label>Memory Size (Mb)
<input name="memory" type="text" size="8" maxlength="8" value="<?
echo $myrow["memory"]?>">
</label>

<label>HD Size (Gb)
<input name="hd" type="text" size="8" maxlength="8" value="<? echo
$myrow["hd"]?>">
</label>
</span><span class="story">

</span> </p>
<p class="style1"><span class="story"><strong>Removable Media
Drives</strong></span> </p>
<p class="style1"><span class="story"><strong>
<label>1</label>
<strong>
<input name="drive1" type="text" size="40" maxlength="8" value="<?
echo $myrow["drive1"]?>">
</strong>
</label>
</span></p>
<p class="style1">
<label><span class="story">2</span></label>

<input name="drive2" type="text" size="40" maxlength="8" value="<?
echo $myrow["drive2"]?>">

</label>
</span></span></p>
<p class="style1">
<span class="story">
<label>3</label>
<input name="drive3" type="text" size="40" maxlength="8" value="<?
echo $myrow["drive3"]?>">
</span></p>
<p class="style1">
<span class="story">
```

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```
<label>4</label>
</span><strong>
<input name="drive4" type="text" size="40" maxlength="8" value="<?
echo $myrow["drive4"]?>">
</strong></p>
<p class="style1">&nbsp;</p>
<p class="story">.</p>
<p class="story"><strong>Additional Information: </strong></p>
<p class="style1">
<label>
<textarea name="comments" cols="65" rows="8" value="<? echo
$myrow["comments"]?>"></textarea>
</label>
<BR>
</p>
<p class="style1"> <br />
<input type="submit" value="Submit">
</p>
</form>

</body>
</html>

</body>
</html>
```

And the code for the php file that it references to update the DB:

```
<html>
<body>
<?
require('db_login.php');
require('db_connect.php');

//bring in id variable
$id=$_GET["id"];
// the table you want to add to
$table = 'data';

// begin the query

$query = "UPDATE $table SET(";
```

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```
// add fieldnames to insert
```

```
$query .= 'inventory' . ',';
$query .= 'date_entered' . ',';
$query .= 'first' . ',';
$query .= 'last' . ',';
$query .= 'serial' . ',';
$query .= 'city' . ',';
$query .= 'brand' . ',';
$query .= 'model' . ',';
$query .= 'email' . ',';
$query .= 'building' . ',';
$query .= 'room' . ',';
$query .= 'computer_name' . ',';
$query .= 'pri_user' . ',';
$query .= 'warranty' . ',';
$query .= 'vendor' . ',';
$query .= 'os' . ',';
$query .= 'processor' . ',';
$query .= 'memory' . ',';
$query .= 'hd' . ',';
$query .= 'drive1' . ',';
$query .= 'drive2' . ',';
$query .= 'drive3' . ',';
$query .= 'drive4' . ',';
$query .= 'comments' ;
```

```
// end fieldnames and begin values
```

```
$query = $query . ') VALUES(';
```

```
// get values from $_REQUEST
```

```
$query = $query . "'" . $_REQUEST['inventory'] . "', ";
$query = $query . "'" . $_REQUEST['date_entered'] . "', ";
$query = $query . "'" . $_REQUEST['first'] . "', ";
$query = $query . "'" . $_REQUEST['last'] . "', ";
$query = $query . "'" . $_REQUEST['serial'] . "', ";
$query = $query . "'" . $_REQUEST['city'] . "', ";
$query = $query . "'" . $_REQUEST['brand'] . "', ";
$query = $query . "'" . $_REQUEST['model'] . "', ";
$query = $query . "'" . $_REQUEST['email'] . "', ";
$query = $query . "'" . $_REQUEST['building'] . "', ";
$query = $query . "'" . $_REQUEST['room'] . "', ";
$query = $query . "'" . $_REQUEST['computer_name'] . "', ";
$query = $query . "'" . $_REQUEST['pri_user'] . "', ";
$query = $query . "'" . $_REQUEST['warranty'] . "', ";
$query = $query . "'" . $_REQUEST['vendor'] . "', ";
```

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```
$query = $query . "' . $_REQUEST['os'] . '", ' ;  
$query = $query . "' . $_REQUEST['processor'] . '", ' ;  
$query = $query . "' . $_REQUEST['memory'] . '", ' ;  
$query = $query . "' . $_REQUEST['hd'] . '", ' ;  
$query = $query . "' . $_REQUEST['drive1'] . '", ' ;  
$query = $query . "' . $_REQUEST['drive2'] . '", ' ;  
$query = $query . "' . $_REQUEST['drive3'] . '", ' ;  
$query = $query . "' . $_REQUEST['drive4'] . '", ' ;  
$query = $query . "' . $_REQUEST['comments'] . '";
```

```
// end query
```

```
$query = $query . ')WHERE id=$id ';
```

```
// run INSERT query
```

```
mysql_query($query, $db);
```

```
echo mysql_error();  
include('db_close.php');
```

```
echo $query;  
?>
```

```
<script language="javascript">  
<!--
```

```
location.href = 'display2.php';
```

```
-->  
</script>
```

```
</body>  
</html>
```