

Re: Function execution before page reload

Source: <http://coding.derkeiler.com/Archive/PHP/comp.lang.php/2007-01/msg01351.html>

- *From:* "Schmidty" <schmidty@xxxxxxxxxxxxxxxxxxxx>
 - *Date:* 29 Jan 2007 09:58:34 -0800
-

On Jan 28, 5:55 am, Jerry Stuckle <jstuck...@xxxxxxxxxxxxxxxx> wrote:

Schmidty wrote:

On Jan 26, 7:06 pm, Jerry Stuckle <jstuck...@xxxxxxxxxxxxxxxx> wrote:

Schmidty wrote:

Okay...I have another 'newbie' question;
I have a function that loads a page and the
action is
\$_SERVER['HTTP_SELF'];
In the form that is in a function(method?)
within a class a variable
is passed back to a mysql connection and
database and updates the
database.
The problem is that when the page is
reloaded it does not show the
updated information in the database with the
\$_SERVER['HTTP_SELF']. Why
is the page loaded with the same
information? Is it cached from the
browser? Is there a way to have the
functions execute before the
\$_SERVER['HTTP_SELF'] action executes?

Example code

```
=====
// Show info of users not updated
echo "<form
action='".$_SERVER['PHP_SELF']."'
method='post'><table
style=\"font: 14px solid #000000; border:
2px solid #CCC000;\">";
echo "<tr><td colspan='2'
style=\"background: #C0C0C5; text-align:
center; font: 18px solid #000000;\">Credit
Card
Applications</td></tr>";
```

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```
echo "<tr><td colspan='2'
style=\"background: #FFFFFF0; text-align:
left; font: 12px solid #000000;\">New
Applications In Database Needing
Approval:</td></tr>";
echo "<tr><tr><td colspan='2'
style=\"border: 2px solid #000000;
width: 100%;\">";
if ($result->num_rows == 0) {echo "NO
NEW APPLICATIONS<br />";}
while($row = $result->fetch_assoc()){
echo "<input type='checkbox'
name='perinfo['
value=\"".$row['userID']."
>".$row['userID'].\" : \".$row['username'].\" -
\".$row['reccdate'].\"<br />";
} // end while
echo "</td></tr><tr>";
echo "<td align=\"center\"><input
style=\"font: 10px solid
#000000;\" type=\"submit\"
value=\"UPDATE INFO\" name='updatedb'
/></td><td style=\"text-align:
center;\"><input type=\"reset\"
style=\"font: 10px solid #000000;\"
value=\"RESET CHOICES\"
/></td></tr></form></table>";
$result->free();
} // end function
public function dbConnect(){
include('dbconn.php');
$mysqli = new mysqli($dbnet, $dbuser,
$dbpass, $dbname);
if (mysqli_connect_errno()){ printf("Can't
connect to MySQL Server.
Errorcode: %s\n", mysqli_connect_error());
exit;
} // end if
return $this->mysqli=$mysqli;
} // end function
End Example Code
```

=====
Thanks for the help!
SchmidtySchmidty,

Where are you updating the database? And where are you
retrieving the
values?

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PHP is server-side. ALL code is executed before the page is sent to the browser. Interaction between PHP and the browser is one-way – the PHP sends the page and terminates. There isn't any interaction between the browser and the PHP code (other than to load a new page).

When they click on the submit button for the form, the browser requests the page identified in your FORM statement. Since it is the same page, all of the PHP code is executed again.

But you didn't show most of your code so there's no way to determine what might be going on.

And no, you don't need AJAX or similar for this to work. Straight PHP works great.

=====
Remove the "x" from my email address
Jerry Stuckle
JDS Computer Training Corp.
jstuck...@xxxxxxxxxxxxxx
----- Hide quoted text --- Show quoted
text - > Thanks Jerry for the reply. I made a mistake in the
variable

- > "\$_SERVER['HTTP_SELF']" in my previous posts, it should be
- > \$_SERVER['PHP_SELF'].
- > I realize that the html page is static and that the browser does not
- > communicate with the PHP script.
- >
- > When a user who updates a database the FORM in the PHP script will
- > have 'action' set to load a \$_SERVER['PHP_SELF'];
- >
- > Example of 'updatedb.php'
- >

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```
> =====  
>  
> <?php  
> // updatedb.php  
> $nu = new userFunction();  
>  
> echo "<form action=\"$_SERVER['PHP_SELF']\" method='post'><input  
> type='text' name='name' /><input type='submit' name='update'  
> value='UPDATE DB' /></form>";  
>  
> if (isset($_POST['update'])){  
> $nu->updateDBFunction($_POST['name']);  
> print "DB UPDATED<br />";  
>  
> }  
>  
> ?>  
>  
> End Example  
>
```

```
> =====  
>  
> In the short example above does the script execute the function BEFORE  
> it reloads the $_SERVER['PHP_SELF'] variable?  
>  
> Schmidty  
>  
>  
>  
>
```

(top posting fixed)

Schmidty,

You need to get over the thought of "reloading the variable...". The server receives information from the browser and sends html back to the browser. That's all. There is no "reload \$_SERVER['PHP_SELF']" because it server does not reload anything.

When a request for a page comes in, the web server loads the appropriate page code. If the page is straight HTML, the code is sent to the client. If the page includes script code such as PHP, the web server loads the appropriate interpreter and calls it to execute the code.

The code is executed as it appears in the page. Output from the code is sent to the webserver. When the page execution is complete, the output is sent to the client and all resources used by that page are released.

Every page request is handled independently. \$_SERVER['PHP_SELF'] is

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just a string which refers to this page. You could have 'xyz.php' instead. It would have the same effect.

In your example, the entire page is executed and sent to the browser. the script then terminates. When the user presses the 'SUBMIT' button, the form is submitted back to the the server. Since it is the same page, the code is executed a second time.

P.S. Please don't top post.

—
=====
Remove the "x" from my email address
Jerry Stuckle
JDS Computer Training Corp.
jstuck...@xxxxxxxxxxxxxx
=====

Jerry,

Thanks for your help on this. I am still learning the client/server concepts with PHP as well as OOP so bare with me...

I understand what you have said and it makes sense. How would I update the page with new information that is sent back from the database via the server after clicking a 'submit' button? From what you are telling me then, when the 'submit' button is pressed the script is re-executed. In a function would I set the 'action' to a new page or use the \$_SERVER['PHP_SELF'] variable? Do I put an 'if' statement BEFORE I send the page to the browser?

P. S. – I am using the Google Groups editor and it puts my replies at the top of the page. I can put my reply at the bottom of the page if this helps...