

Re: CURL redirect not working even with CURLOPT_FOLLOWLOCATION set to true

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Source: <http://coding.derkeiler.com/Archive/PHP/comp.lang.php/2008-07/msg01496.html>

- *From:* Jerry Stuckle <jstucklex@xxxxxxxxxxxxxx>
 - *Date:* Sat, 26 Jul 2008 16:10:31 -0400
-

Sarah wrote:

On Jul 25, 6:10 am, Jerry Stuckle <jstuck...@xxxxxxxxxxxxxx> wrote:

Sarah wrote:

I was wondering if someone might be able to help me with this issue. I have a feeling this has something to do with my host's server settings as I used to be able to get CURL to follow redirects by setting CURLOPT_FOLLOWLOCATION set to true. I had a problem with my host's updating something in the past that gave me the error "CURLOPT_FOLLOWLOCATION cannot be activated when in safe_mode or an open_basedir is set". My host worked on the issue and the error went away, but I still can't seem to follow redirects, but I don't receive the error. When I turn on the headers it show the location redirect, but it won't follow it. Any ideas or is this an issue again with my host? One code example of this issue is below. I have been able to manually redirect to a point, but it would be a lot easier if the CURL option worked. Thanks for any help you can provide.

```
<?php
$ch = curl_init();
curl_setopt($ch, CURLOPT_COOKIEJAR, "cookie.txt");
curl_setopt($ch, CURLOPT_COOKIEFILE, "cookie.txt");
curl_setopt($ch, CURLOPT_USERAGENT, "Mozilla/5.0
(Windows; U;
Windows NT 5.1; en-US; rv:1.8.1.1) Gecko/20061204
Firefox/2.0.0.1");
```

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```
curl_setopt($ch, CURLOPT_URL,  
"http://www.flickr.com/signin/");  
curl_setopt($ch, CURLOPT_REFERER,  
"http://www.flickr.com/");  
curl_setopt($ch, CURLOPT_HTTPHEADER,  
Array("Content-Type:  
application/x-www-form-urlencoded"));  
//curl_setopt($ch, CURLOPT_HEADER, TRUE);  
curl_setopt($ch, CURLOPT_FOLLOWLOCATION,  
TRUE);  
curl_exec ($ch);  
curl_close($ch);  
?>
```

Did the error go away, or did they just hide it?

Look at phpinfo(). Is either safe_mode or open_basedir set?

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

When I did phpinfo() it says safe mode is off, but there after open_basedir is looks like it lists a path. When I mentioned to my host that I thought that having the open_basedir set was the problem they said replied with "I have again checked your curl redirect issue and found that there is problem to the curl redirect code. You need contact to your programmer, he will assist you in a better way regarding this issue."

The code I used to show them that CURL redirects were not working is:

```
<?php  
$ch = curl_init();  
curl_setopt($ch, CURLOPT_COOKIEJAR, "cookie.txt");  
curl_setopt($ch, CURLOPT_COOKIEFILE, "cookie.txt");  
curl_setopt($ch, CURLOPT_USERAGENT, "Mozilla/5.0 (Windows; U;  
Windows NT 5.1; en-US; rv:1.8.1.1) Gecko/20061204 Firefox/2.0.0.1");  
curl_setopt($ch, CURLOPT_URL, "http://www.flickr.com/signin/");  
curl_setopt($ch, CURLOPT_REFERER, "http://www.flickr.com/");  
curl_setopt($ch, CURLOPT_HTTPHEADER, Array("Content-  
Type:application/x-www-form-urlencoded"));  
//curl_setopt($ch, CURLOPT_HEADER, TRUE);  
curl_setopt($ch, CURLOPT_FOLLOWLOCATION, TRUE);  
curl_exec ($ch);
```

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curl_close(\$ch);

?>

They told me that they created a redirect page and it worked fine.

There code is:

<?php

// create a new CURL resource

\$ch = curl_init();

// set URL and other appropriate options

curl_setopt(\$ch, CURLOPT_URL, "http://www.flickr.com/);

curl_setopt(\$ch, CURLOPT_HEADER, false);

curl_setopt(\$ch, CURLOPT_FOLLOWLOCATION, true);

echo "<pre>";

print_r(curl_getinfo(\$ch,CURLINFO_EFFECTIVE_URL));

echo "</pre>";

// grab URL and pass it to the browser

curl_exec(\$ch);

// close CURL resource, and free up system resources

curl_close(\$ch);

?>

Problem with there code that I can tell is that they used the wrong

URL. http://www.flickr.com does not redirect it is http://www.flickr.com/signin/

that redirects. If they had used the correct URL shouldn't

CURLINFO_EFFECTIVE_URL produce the new redirection URL which is

https://login.yahoo.com/config/login?.src=flickr&.pc=5134&.scrumb=0&.pd=c%3DE0.GahOp2e4MjkX.512H

and not http://www.flickr.com/signin?

If I did something wrong in my code to not properly form it to allow

redirects I would be happy to take the blame, but as far as I can see

I didn't and the only think I can think that would be causing this is

that they have the open_basedir set to a path instead of it being null

like it used to be.

Any help or advice to make sure I am not losing my mind would be

greatly appreciated.

So if the url they used doesn't direct, it's not a valid test, is it?

You have the error message. You have the phpinfo(), which verifies what the error message says.

But you probably won't get them to turn off open_basedir for security reasons.

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Jerry Stuckle

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