

comp.lang.php: Re: mysql\_query(): supplied argument is not a valid MySQL-Link resource

## Re: mysql\_query(): supplied argument is not a valid MySQL-Link resource

**Source:** <http://coding.derkeiler.com/Archive/PHP/comp.lang.php/2005-01/1067.html>

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**Date:** 01/15/05

Date: Fri, 14 Jan 2005 23:45:49 +0000

On Fri, 14 Jan 2005 23:25:14 -0000, "aa" <[aa@virgin.net](mailto:aa@virgin.net)> wrote:

>I use the following fragment of code to output datf from MySQL:

>

```
>=====
>$chan = mysql_connect ($db_host, $username, $password);
```

You haven't checked for errors, and if this fails, you're just continuing without a connection. All further MySQL calls will fail.

```
>mysql_select_db ($DB_name, $chan);
```

No error checking.

```
>$resultid = mysql_query ("select name_ru, description_ru, retail, dealer
>from lasershot WHERE le='1'", $chan);
```

No error checking.

For every call to mysql\_\*, check the return for 'false'. If it's false, there's an error, mysql\_error() tells you what's up, and you generally have to bail out of the script there since your connect/select database/query have failed.

>.....

```
>=====
>This was working fine.
```

>

>Then I needed to repeat this code (except for the first two lines) several times, every time for a different value of le

>

>I placed everything starting from lime 3 inside {}, made is a function and called this function like that:

>

```
>$chan = mysql_connect ($db_host, $username, $password);
>mysql_select_db ($DB_name, $chan);
```

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```
>function write_table()
>{
>$resultid = mysql_query ("select name_ru, description_ru, retail, dealer
>from lasershot WHERE le='I'", $chan);
```

\$chan isn't in scope here. PHP has a somewhat unusual scoping system. Rather than global variables always being visible, when you're inside a function you must bring them into scope using a 'global' statement.

Precede the function call with:

```
global $chan;
```

```
>.....
>}
> write_table();
>
>Now I am getting this error:
>Warning: mysql_query(): supplied argument is not a valid MySQL-Link resource
>in /files/home2/andrei/lasershot/pricelist_sql_ansi_split.php on line 41
>(line 41 is the former line 3:
>$resultid = mysql_query ("select name_ru, description_ru, retail, dealer
>from lasershot WHERE le='I'", $chan);
>
>Why does the argument stopped being valid?
```

Again, PHP's scoping system:

<http://uk2.php.net/manual/en/language.variables.scope.php>

```
>When I moved the first two lines inside the function, the line
>
>$chan = mysql_connect ($db_host, $username, $password);
>
>started generating error:
>Warning: mysql_connect(): Can't connect to local MySQL server through socket
>'/tmp/mysql.sock' (2) in
>/files/home2/andrei/lasershot/pricelist_sql_ansi_split.php on line 40
>
>Does this mean that mysql_query() and mysql_connect() cannot be called from
>within a function?
```

No – once you moved it inside the function, none of \$db\_host, \$username or \$password had values, so it would be taking the defaults (connect to hardcoded socket name using null username and password), which typically won't work.

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Andy Hassall / <andy@andyh.co.uk> / <<http://www.andyh.co.uk>>  
<<http://www.andyhsoftware.co.uk/space>> Space: disk usage analysis tool

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