
Subject: getCount function throws error when sql statement starts with whitespace
Posted by [kong](#) on Wed, 07 Sep 2016 16:00:52 GMT

[View Forum Message](#) <> [Reply to Message](#)

Use the getCount function as described here

[http:// www.tonymarston.net/php-mysql/functions-and-variables.html#notes.getCount](http://www.tonymarston.net/php-mysql/functions-and-variables.html#notes.getCount)

Plug in a \$where string that starts out with some whitespace or tabs (because of certain formatting in sourcecode for example), followed with a SELECT statement, the result is an obscure error like this:

Quote:Fatal Error: Cannot extract token from: '*' (# 256)

This is caused by similar code across the different DML database classes, such as dml.mysql.clacc.inc:

```
function getCount ($dbname, $tablename, $where)
// get count of records that satisfy selection criteria in $where.
{
    $this->errors = array();

    // connect to database
    $this->connect($dbname) or trigger_error($this, E_USER_ERROR);

    if (preg_match('/^(select )/ims', $where)) {
        // $where starts with 'SELECT' so use it as a complete query
        $this->query = $where;
    } else {
        // does not start with 'SELECT' so it must be a 'where' clause
        if (empty($where)) {
            $this->query = "SELECT SQL_CALC_FOUND_ROWS * FROM $tablename LIMIT 1";
        } else {
            $where = $this->adjustWhere($where);
            $this->query = "SELECT SQL_CALC_FOUND_ROWS * FROM $tablename WHERE
$where LIMIT 1";
        } // if
    } // if
}
```

The preg_match right after the connect to database checks for \$where to start with select. When \$where starts out with some whitespace it will assume that it is a where clause rather than select, and result in parsing error down the road.

This is easily fixed by adding for example adding this \$where = trim(preg_replace("/^\s+/u", "", \$where)); to the function getCount in std.table.class.inc

Subject: Re: getCount function throws error when sql statement starts with whitespace

Posted by [AJM](#) on Thu, 08 Sep 2016 07:34:21 GMT

[View Forum Message](#) <> [Reply to Message](#)

I have added your fix to the getCount() method within std.table.class.inc as follows:

```
// *****  
function getCount ($where=null)  
// get count of records that satisfy selection criteria in $where.  
{  
    if (strlen(trim(preg_replace("/^\s+/u", "", $where))) > 0) {  
        $count = $this->_dml_getCount($where);  
        return $count;  
    } else {  
        return 0;  
    } // if  
  
} // getCount
```

Subject: Re: getCount function throws error when sql statement starts with
whitespace

Posted by [kong](#) on Sat, 10 Sep 2016 01:27:15 GMT

[View Forum Message](#) <> [Reply to Message](#)

That won't work, as it does not make changes to the \$where variable.
Recommend this:

```
function getCount ($where=null)  
// get count of records that satisfy selection criteria in $where.  
{  
    $where = trim($where);  
    if (strlen($where) > 0) {  
        $count = $this->_dml_getCount($where);  
        return $count;  
    } else {  
        return 0;  
    } // if  
  
} // getCount
```

Subject: Re: getCount function throws error when sql statement starts with
whitespace

Posted by [AJM](#) on Sat, 10 Sep 2016 09:36:16 GMT

[View Forum Message](#) <> [Reply to Message](#)

Whoops! Silly me! I shall put this fix in the next release.
