Subject: getCount function throws error when sql statement starts with whitespace
Posted by kong on Wed, 07 Sep 2016 16:00:52 GMT
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Use the getCount function as described here
http:// www.tonymarston.net/php-mysql/functions-and-variables.html#n otes.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.mysqli.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

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