

# PhpMyAdmin

*Presentation of result of semestral project  
in the course A4M35OSP*

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# #3834 JavaScript error on specific string

The screenshot shows the phpMyAdmin interface. The SQL query is:

```
SELECT MT.title, ROUND( RAND() * 100000 ) RANDOM
FROM 'mt_demo_caption' MT
WHERE 1=1
AND 'title' = '$^$zafpkpjnehfgiluehbkjvezbgvljkzehrbgjlvkezr$^fzergbkjzergbk'
LIMIT 0, 30
```

The result table shows one row:

title	RANDOM
\$^\$zafpkpjnehfgiluehbkjvezbgvljkzehrbgjlvkezr\$^fzergbkjzergbk	48910

The JavaScript console shows the following error:

```
TypeError: 'undefined' is not an object (evaluating 'a.replace')
```

A red arrow points from the error message to the specific string in the result table.

# #3904 Browsing an empty table should not display its Structure

The screenshot shows the phpMyAdmin interface for a table named 'test' in the 'test' database on localhost. The 'Structure' tab is active, displaying the table's structure. A message at the top indicates that the query returned an empty result set. The SQL query shown is `SELECT * FROM `test` LIMIT 0, 30`. Below the query, there are options for Profiling, Inline, Edit, Explain SQL, Create PHP Code, and Refresh. The table structure is shown in a table format with columns: #, Name, Type, Collation, Attributes, Null, Default, Extra, and Action. The table has one column named 'test' of type 'int(11)'. Below the table structure, there are options for Print view, Relation view, Propose table structure, and Move columns. There is also a section for adding columns and a section for indexes. The 'Information' section is expanded, showing Space usage and Row Statistics.

#	Name	Type	Collation	Attributes	Null	Default	Extra	Action
1	test	int(11)			No	None		Change Drop Primary Unique Index Spatial More

Space usage

Data	16 KiB
Index	0 B
Total	16 KiB

Row Statistics

Format	Compact
Collation	latin1_swedish_ci
Creation	May 02, 2013 at 03:06 PM



# Description of my work

- find files responsible for viewing „Browse“ and „Display Structure“
- understand the project structure
- find out which way PhpMyAdmin works with history
- hack the code to understand well „how it works“

# Work result - diff

```
@@ -327,7 +327,7 @@
```

```
unset($book_sql_query);
```

```
// set $goto to what will be displayed if query returns 0 rows
```

```
- $goto = 'tbl_structure.php';
```

```
+ $goto = "";
```

```
} else {
```

```
// Now we can check the parameters
```

```
PMA_Util::checkParameters(array('sql_query'));
```

```
@@ -992,8 +992,14 @@
```

```
$goto = 'index.php';
```

```
}
```

```
// Loads to target script
```

```
- $active_page = $goto;
```

```
- include " . $goto;
```

```
+ if (strlen($goto) > 0) {
```

```
+     $active_page = $goto;
```

```
+     include " . $goto;
```

```
+ } else {
```

```
+     // Echo at least one character to prevent showing last page from history
```

```
+     echo " ";
```

```
+ }
```

```
+ 
```

```
} else {
```

```
// avoid a redirect loop when last record was deleted
```

```
if (0 == $num_rows && 'sql.php' == $cfg['DefaultTabTable']) {
```



# Work result - description

- first bug not solved - part of code (qtip) which caused this bug is no longer part of the project since 4. 0. (bug was related to version 3. 5. 7)
- second bug solved successfully
- accepted to the 4. 0. 1 version (not released yet)
- cherry-picked from my Master (fork on github) into QA\_4\_0 branch, then merged into Origin/Master

# Works result - screenshot

The screenshot displays the phpMyAdmin web interface. The browser address bar shows 'localhost » test » test'. The navigation menu includes 'Browse', 'Structure', 'SQL', 'Search', 'Insert', 'Export', 'Import', 'Operations', and 'Triggers'. A green message box at the top indicates: 'MySQL returned an empty result set (i.e. zero rows). (Query took 0.0003 sec)'. The SQL query editor contains the following code:

```
SELECT *  
FROM `test`  
LIMIT 0 , 30
```

Below the query editor, there are links for 'Profiling [ Inline ] [ Edit ] [ Explain SQL ] [ Create PHP Code ] [ Refresh ]'. A 'Query results operations' section is visible, containing a 'Create view' button. The left sidebar shows a tree view of databases: 'information\_schema', 'mladez', 'mysql', 'performance\_schema', and 'test'.

# { Cooperation with community, } remarks }

- developers are brief - sometimes it is pros
- communication was quick, pleasant and highly effective
- developers point out little spelling issues in code style
  - ex.: *Please add spacing before {*
- even small change must go through complicated process of controll and acceptance



# Links

- bug #3834
  - <https://sourceforge.net/p/phpmyadmin/bugs/3834/>
- bug #3904
  - <http://sourceforge.net/p/phpmyadmin/bugs/3904/>
- pull request (bug #3904)
  - <https://github.com/phpmyadmin/phpmyadmin/pull/305>