Subject: Re: (SOLVED) pagination error due to SQL_CALC_FOUND_ROWS bug
Posted by kong on Tue, 12 Nov 2013 17:58:35 GMT
View Forum Message <> Reply to Message

Isolated the problem as bug in mySQL 5.6.11

As example, I ran the following SQL statements that Radicore uses to determine numrows (to derive lastpage) for pagination:

```
SELECT SQL_CALC_FOUND_ROWS pattern_id, pattern_desc, (SELECT COUNT(task_id)
FROM mnu_task WHERE mnu_task.pattern_id=mnu_pattern.pattern_id) AS task_count  FROM
mnu_pattern      ORDER BY mnu_pattern.pattern_id asc  LIMIT 10 OFFSET 0;
SELECT FOUND_ROWS()
```

with different numbers for LIMIT to check what FOUND_ROWS returns for different cases of LIMIT. In theory, FOUND_ROWS should yield the same result independently of what LIMIT is, but strangely it does not:

LIMIT	RESULT
10 to 18	returns correct value 46
19 to 45	returns LIMIT value as result which is WRONG
46 and above	returns correct value 46

I also noticed http://bugs.mysql.com/bug.php?id=62372 which could be related.

Because the behavior is tough to predict, I don't know when and where the problem will appear or disappear while records are being added to the db.