Subject: Task (Proc) show 100 pagination bug
Posted by kong on Fri, 08 Nov 2013 09:00:53 GMT
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Go to Menu Systems -> Task(Proc) and bring up a list with all the tasks.

The result will show over 280 or so tasks with multiple pages when you select <show 10>, <show 25> or <show 50> as pagination option. However, when you select <show 100> the total number of tasks suddenly becomes exactly 100 and only the first page with the first 100 tasks can be accessed.

Subject: Re: Task (Proc) show 100 pagination bug
Posted by AJM on Sat, 09 Nov 2013 10:57:15 GMT
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I don't know which version of Radicore you are using, but I cannot reproduce this problem on any of my copies. I have even tried it on the Demonstration system at http://www.radicore.org/demo.php without any problems. When I visit Menu System->Task(Proc) it initially shows page 1 of 76 (759 rows at 10 rows per page). If I click on the 'Show 100' hyperlink it then shows page 1 of 8 (759 rows at 100 rows per page).

Subject: Re: (SOLVED) pagination error due to SQL_CALC_FOUND_ROWS bug
Posted by kong on Tue, 12 Nov 2013 17:58:35 GMT
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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.

Subject: Re: (SOLVED) pagination error due to SQL_CALC_FOUND_ROWS bug
Posted by AJM on Tue, 12 Nov 2013 19:57:20 GMT
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I can't reproduce this problem with MySQL version 5.6.14. Perhaps it's time to upgrade?
