Subject: different results in queries
Posted by stephenboey on Tue, 13 Feb 2007 00:44:04 GMT
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Was trying to call mysql_query, mysql_fetch_array in _cm_post_updateRecord

Can this be done? Seems like calling those does not give me any results or error messages.

I went back to mysql functions because radicore does not give me the correct results. Attached is a script to implement Van Tulder's Tree http://www.sitepoint.com/print/hierarchical-data-database.

One version is using radicore and the other using his script.

Test data:

role_id	role_id_snr	lft	rgt
GLOBAL	NULL	1	10
TESTING	GLOBAL	2	9
TESTING2	TESTING	3	8
TESTING3	TESTING2	4	7
TESTING4	TESTING3	5	6

Test Scenerio (Reparent TESTING2 to GLOBAL)

role_id	role_id_snr	lft	rgt
GLOBAL	NULL	1	10
TESTING	GLOBAL	2	3
TESTING2	TESTING	4	9
TESTING3	TESTING2	5	8
TESTING4	TESTING3	6	7

File Attachments

1) Script.txt, downloaded 1169 times

Subject: Re: different results in queries
Posted by AJM on Tue, 13 Feb 2007 09:25:18 GMT
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Radicore simply executes the sql queries that you give it, so if you are getting different results then there must be something different in the queries.

You need to produce a trace of each sql query and its results at every step through each method to find out where the difference exists.

Subject: Re: different results in queries
Posted by stephenboey on Tue, 13 Feb 2007 13:58:57 GMT
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Yep, I did that.

// get all children of this node
$this->sql_select = 'role_id';
$this->sql_from = 'mnu_role';
$where = "role_id_snr='".$role_id."'";
$children_rowdata = $this->_dml_getData($where);

Assuming if two rows were returned.
"TESTING"
"TESTING2"

I refer to array returned explicitly
$children_rowdata[0]['role_id'] //value is "TESTING"

$children_rowdata[1]['role_id'] //value is "" should be "TESTING2" correct?
Im new to php, is this the correct way to refer to a 2nd row?

Subject: Re: different results in queries
Posted by AJM on Tue, 13 Feb 2007 14:16:55 GMT
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Yes, the output from _dml_getData() is an array which is indexed by row number, so $rowdata[0] would give you the first row and $rowdata[1] would give you the second row.

What you need to do is to print a trace from each of your two pieces of code to see exactly what sql query was issued and what results were returned. Only when you can compare the two traces will you be able to see where the dfference is.

You need to include the following lines somewhere in your code:
echo 'where= ' .$where;
and
print_r($children_rowdata);

Subject: Re: different results in queries
Posted by stephenboey on Tue, 13 Feb 2007 20:09:37 GMT
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echo and print_r would not work if redirected to another page. So can't really see whats happening in cm_post_recordupdate.

I found a way to output the variable values into sql files.

```
// get all children of this node
$this->sql_select     = 'role_id';
$this->sql_from       = 'mnu_role';
$where = "role_id_snr='".$role_id."'";
$children_rowdata = $this->_dml_getData($where); <*** query A

$A = count($children_rowdata); <*** count A
$this->sql_select     = 'role_id';
$this->sql_from       = 'mnu_role';
$where = 'role_id_snr='.$A;
$children_rowdata3 = $this->_dml_getData($where); <**** query B
```

SELECT SQL_CALC_FOUND_ROWS role_id FROM mnu_role WHERE role_id_snr='GLOBAL' ORDER BY mnu_role.role_id asc LIMIT 1 OFFSET 0 LOCK IN SHARE MODE=>Count=2
SELECT SQL_CALC_FOUND_ROWS role_id FROM mnu_role WHERE role_id_snr=1 ORDER BY mnu_role.role_id asc LIMIT 1 OFFSET 0 LOCK IN SHARE MODE=>Count=0

Seems "query A" found 2 records, but when I count the records returned in "count A" its say only 1 record. Something is not right here, I sense this could be a bug in _dml_getData. What do you think?

Subject: Re: different results in queries
Posted by AJM on Wed, 14 Feb 2007 01:02:20 GMT
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Use print_r() to display the contents of the array produced by _dm_getData(). There may be a difference between what is actually being returned and what you think is being returned.

Subject: Re: different results in queries
Posted by stephenboey on Wed, 14 Feb 2007 01:36:15 GMT
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like I said Tony print_r cannot display the contents because your framework redirects the page. This is absolutely not within my control.

I remarked out the calling of rebuild_tree, to eliminate any program logic related error.

As you can see in the csv file. There are two records with role_id_snr = 'GLOBAL'

SELECT SQL_CALC_FOUND_ROWS role_id FROM mnu_role WHERE role_id_snr='GLOBAL' ORDER BY mnu_role.role_id asc LIMIT 1 OFFSET 0 LOCK IN SHARE MODE=>Count=2 <**** in

sql trace file

But the query only returns one, you can see this in the sql trace file.

SELECT SQL_CALC_FOUND_ROWS role_id FROM mnu_role WHERE role_id_snr='TESTING' ORDER BY mnu_role.role_id asc LIMIT 1 OFFSET 0 LOCK IN SHARE MODE=>Count=0 SELECT SQL_CALC_FOUND_ROWS role_id FROM mnu_role WHERE role_id_snr='' ORDER BY mnu_role.role_id asc LIMIT 1 OFFSET 0 LOCK IN SHARE MODE=>Count=0 <***** role_id_snr=''

File Attachments

1) Feb14.zip, downloaded 1943 times

Subject: Re: different results in queries
Posted by AJM on Wed, 14 Feb 2007 09:34:45 GMT
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Yes, it is in your control. You insert debugging statements into the code to display various details, then you exit() to stop further execution. This will stop any redirect which destroys your debug output.

Alternative you could try using the error_log() function to write all debugging text to a file instead of the browser.

Subject: Re: different results in queries
Posted by stephenboey on Wed, 14 Feb 2007 13:13:40 GMT
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Thanks for the debugging tips.

It is still returning one record even though there are two. The data is attached in csv file in the previous reply.

Attached are the results. I still keep the rebuild_tree function remarked in order not to complicate things

File Attachments

1) Feb14 - 2.zip, downloaded 1972 times

Subject: Re: different results in queries
Posted by AJM on Wed, 14 Feb 2007 13:56:35 GMT
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You still misunderstand me. Change print_r($children_rowdata[0]['role_id']); to print_r($children_rowdata); so that it prints out the ENTIRE contents of the array, not just selected parts. That will show you EVERYTHING returned by the call to _dml_getData().

Subject: Re: different results in queries
Posted by stephenboey on Wed, 14 Feb 2007 14:02:04 GMT
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Here you go.

//to update TESTING to GLOBAL
role_id_snr='GLOBAL'
Array ([0] => Array ([role_id] => TESTING))
Exit

//to update GLOBAL to TESTING
role_id_snr='GLOBAL'
Array ([0] => Array ([role_id] => TESTING))
Exit

Subject: Re: different results in queries
Posted by AJM on Wed, 14 Feb 2007 14:47:27 GMT
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You're getting there, but you are still not doing as I originally asked. You need to provide a trace from each of the two different sets of code. You need to display the contents of each sql SELECT clause as well as the data that it returns. Then you can compare the traces from each of the two pieces of code to see where it is different.

Subject: Re: different results in queries
Posted by stephenboey on Wed, 14 Feb 2007 15:22:19 GMT
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Here you go.

Check out the arrows and comments in the Sql trace.

Not sure why there is a LIMIT 1 in the one with count 2.

Hope it helps. Its a bug alrite.

File Attachments
1) Feb14 - 3.zip, downloaded 1978 times

Subject: Re: different results in queries
Posted by AJM on Wed, 14 Feb 2007 15:50:59 GMT
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No, it is not a bug. Each call to _dml_getData() causes the current setting of $this->rows_per_page to be used in the LIMIT clause. Your code appears to be running inside an UPDATE1 pattern, and if you look inside file 'std.update1.inc' you will see the line:
$dbobject->setRowsPerPage(1);
which tells the system to extract and display 1 record at a time. This setting is still in operation when your custom code is being executed. To remove all limits you must insert the following line before any calls to $this->_dml_getData():
$this->rows_per_page = 0;
Do not forget to reset it aferwards.

Subject: Re: different results in queries
Posted by stephenboey on Wed, 14 Feb 2007 16:03:15 GMT
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Hurray, Tony solved it once again.

Geez, didn't know that its just one little line of code.