Subject: Customizing the SQL statement
Posted by salamsy on Mon, 28 May 2007 12:38:33 GMT
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Hi,

I cannot implement an SQL statement containing the modifier "WITH ROLL UP" in the "GROUP BY" clause. It runs fine in Mysql but Radicore returns a parse error.

What about the usage of these modifiers in customizing the SQL statement ?

Thanks.

Abdou

Subject: Re: Customizing the SQL statement
Posted by AJM on Mon, 28 May 2007 15:45:38 GMT
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There are certain places in the framework where I parse the SQL statement in order to make adjustments, such as qualifying field names, and as I haven't yet dealt with any GROUP BY ... WITH ROLL UP it probable than deconstructing and reconstructing the string is causing a problem. Can you provide an example of the sql query you are trying to execute?

Subject: Re: Customizing the SQL statement
Posted by salamsy on Tue, 29 May 2007 10:06:16 GMT
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Hi,

This query runs on a single table "awl_leader". It counts the number of records and gives a total for each column specified in GROUP BY.

"select lea_region, lea_degree, count(lea_id) from awl_leader group by lea_region, lea_degree with rollup"

Thanks.

Abdou Salam

Subject: Re: Customizing the SQL statement
Posted by AJM on Tue, 29 May 2007 12:20:21 GMT

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I have discovered what the problem is - MySQL does not allow a "GROUP BY ... WITH ROLLUP" to be used with "ORDER BY ...". The solution is to edit the getdata() method inside the 'dml.mysql.class.inc' file in order to change

```
if (!empty($this->sql_groupby)) {
    $group_str = "GROUP BY $this->sql_groupby";
} else {
    $group_str = NULL;
} // if
```

to the following:

```
if (!empty($this->sql_groupby)) {
    $group_str = "GROUP BY $this->sql_groupby";
    if (eregi(" WITH ROLLUP", $this->sql_groupby)) {
        $this->sql_orderby = null;
    } // if
} else {
    $group_str = NULL;
} // if
```

This will cause the ORDER BY clause to be ommitted if the GROUP BY clause contains "WITH ROLLUP".

This change has been tested with version 1.24.0 and will be included in version 1.25.0

Subject: Re: Customizing the SQL statement
Posted by salamsy on Tue, 29 May 2007 12:46:14 GMT
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Hi,

Many thanks for quick support as usual.

Abdou Salam

Subject: Re: Customizing the SQL statement
Posted by AJM on Tue, 29 May 2007 13:11:33 GMT
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Glad to be of service.