

CB - Bug #2951

CB Userlists : when additional joins are needed, we are hitting a MySQL bug Unknown column 'u.id' in 'on clause'

02 November 2011 02:35 PM - beat

Status:	Closed	Start date:	02 November 2011
Priority:	Normal	Due date:	
Assignee:	beat	% Done:	100%
Category:		Estimated time:	1:00 hour
Target version:	CB 1.7.1		

Description

In frontend users lists which have a single-select in 1.7.0 candidate we hit this double bug:
This is bug 1 of 2.

```
JDatabaseMySQL::query: 1054 - Unknown column 'u.id' in 'on clause' SQL=SELECT COUNT(DISTINCT u.id)
FROM jos_comprofiler ue, jos_users u, jos_comprofiler t1 JOIN jos_user_usergroup_map g ON g.`user
_id` = u.`id` WHERE u.block = 0 AND ue.approved = 1 AND ue.confirmed = 1 AND ue.banned = 0 AND g.g
roup_id IN ( 2, 3, 4, 5, 6, 7, 8) AND u.`id` = ue.`id` AND u.`id` = t1.`id`
```

```
SELECT COUNT(DISTINCT u.id) FROM jos_comprofiler ue, jos_users u, jos_comprofiler t1 JOIN
jos_user_usergroup_map g ON g.`user_id` = u.`id` WHERE u.block = 0 AND ue.approved = 1 AND
ue.confirmed = 1 AND ue.banned = 0 AND g.group_id IN ( 2, 3, 4, 5, 6, 7, 8) AND u.`id` = ue.`id`
AND u.`id` = t1.`id`
```

does not work

query is mixing implicit joins and explicit ones, and that is hitting a MySQL bug.

strangely without the single-select field listed in users-list, this query works fine:

```
SELECT COUNT(DISTINCT u.id)
FROM jos_comprofiler ue, jos_users u JOIN jos_user_usergroup_map g
ON g.`user_id` = u.`id`
WHERE u.block = 0
AND ue.approved = 1
AND ue.confirmed = 1
AND ue.banned = 0
AND g.group_id IN ( 2, 3, 4, 5, 6, 7, 8)
AND u.`id` = ue.`id`
```

but this one does not (swapping simply order of listed rows of implicit join does not take table aliases, except for last one, so that's a MySQL bug:

```
SELECT COUNT(DISTINCT u.id)
FROM jos_users u, jos_comprofiler ue JOIN jos_user_usergroup_map g
ON g.`user_id` = u.`id`
WHERE u.block = 0
AND ue.approved = 1
AND ue.confirmed = 1
AND ue.banned = 0
AND g.group_id IN ( 2, 3, 4, 5, 6, 7, 8)
AND u.`id` = ue.`id`
```

To work around, this one works:

```
SELECT COUNT(DISTINCT u.id) FROM jos_comprofiler AS ue
JOIN jos_users AS u ON u.`id` = ue.`id`
JOIN jos_comprofiler AS t1 ON u.`id` = t1.`id`
JOIN jos_user_usergroup_map g ON g.`user_id` = u.`id`
WHERE u.block = 0 AND ue.approved = 1 AND ue.confirmed = 1 AND ue.banned = 0 AND g.group_id IN ( 2
, 3, 4, 5, 6, 7, 8)
```

History

#1 - 02 November 2011 02:36 PM - beat

- Status changed from New to Closed
- % Done changed from 0 to 100

r1628 fixes this first part of the double bug

#2 - 02 November 2011 11:06 PM - beat

Second part was only affecting me, and it's fixed too.