

## Redmine - Defect #27397

### issues with custom field sql query error

2017-11-07 13:36 - Evgeniy Fedorov

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	Custom fields	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Affected version:</b>	3.4.3
<b>Resolution:</b>	Invalid		

#### Description

When adding custom field in issues list,  
USING MS SQL 2016

generates query

```
SELECT custom_values.*, cv.cnt, cv.field_format FROM [custom_values] INNER JOIN
```

```
(  
ERROR 1 --- SELECT cv.id  
    cv.cnt,  
    cv.field_format
```

```
FROM
```

```
(  
SELECT cv.id,  
    cv_m.cnt,  
    cf.field_format,  
    case when cf.multiple = 1 and cf.acl_trim_multiple = 1 then 1 else 0 end as mlt,
```

```
ERROR 2 ---      ROW_NUMBER() OVER (PARTITION BY i.id, cv.custom_field_id, ORDER BY i.id, cv.custom_field_id,  
cv.id) as row_number
```

```
FROM custom_values cv  
    INNER JOIN custom_fields cf on cf.id = cv.custom_field_id  
    INNER JOIN issues i on i.id = cv.customized_id  
    INNER JOIN (SELECT COUNT(1) as cnt, cv.custom_field_id, cv.customized_id FROM custom_values cv WHERE  
cv.customized_type = "Issue" and cv.custom_field_id IN (1) and cv.customized_id IN  
(1015,1012,1010,1005,49,48,46,44,41,29,28,27,23,22,18,13,11,10,9,8,7) GROUP BY cv.custom_field_id, cv.customized_id)  
cv_m on cv_m.custom_field_id = cf.id and cv_m.customized_id = i.id  
WHERE cv.customized_type = "Issue"  
    and cv.custom_field_id IN (1)  
    and i.id IN (1015,1012,1010,1005,49,48,46,44,41,29,28,27,23,22,18,13,11,10,9,8,7)
```

```
ERROR 3 --- ORDER BY i.id, cv.custom_field_id, cv.id  
    ) cv  
WHERE cv.mlt = 0 OR cv.row_number <= 3  
    ) cv on cv.id = custom_values.id ORDER BY [custom_values].[customized_id] ASC, [custom_values].[custom_field_id]  
ASC, [custom_values].[id] ASC
```

with 3 errors.

1) no comma after id

2) ROW\_NUMBER() OVER (PARTITION BY i.id, cv.custom\_field\_id, ORDER BY i.id, cv.custom\_field\_id, cv.id) as row\_number  
the comma doesn't be before order by

3) ORDER BY

The ORDER BY clause is invalid in views, inline functions, derived tables, subqueries, and common table expressions, unless TOP,

OFFSET or FOR XML is also specified.

## History

### #1 - 2017-11-07 13:47 - Evgeniy Fedorov

- Status changed from New to Resolved

find plugin that generates this error ^{(

### #2 - 2017-11-07 14:26 - Toshi MARUYAMA

- Description updated

### #3 - 2017-11-07 14:27 - Toshi MARUYAMA

- Status changed from Resolved to Closed

- Resolution set to Invalid

### #4 - 2018-09-13 16:50 - Maickel Neitzke

I was with the same error here.

In my case, the problem happened because of the "a commom libs" plugin ([https://www.redmine.org/plugins/a\\_common\\_libs](https://www.redmine.org/plugins/a_common_libs)) with postgre database. This plugin is necessary for others plugins, to me was the usability.

To solve the problem you need to edit file `plugins/a_common_libs/lib/acl/patches/models/issue_query_patch.rb` or update the plugin.

```
when :postgresql, :sqlserver
  cvs = CustomValue.joins("INNER JOIN
    (
      SELECT cv.id,
        cv.cnt,
        cv.field_format
      FROM
        (
          SELECT cv.id,
            cv_m.cnt,
            cf.field_format,
            case when cf.multiple = #{Issue.connection.quoted_true} and cf.acl_trim_multiple =
#{Issue.connection.quoted_true} then 1 else 0 end as mlt,
          ROW_NUMBER() OVER (PARTITION BY i.id, cv.custom_field_id ORDER BY i.id, cv.custom_field_id,
cv.id) as row_number
        FROM custom_values cv
          INNER JOIN custom_fields cf on cf.id = cv.custom_field_id
          INNER JOIN issues i on i.id = cv.customized_id
          INNER JOIN (SELECT COUNT(1) as cnt, cv.custom_field_id, cv.customized_id FROM custom_values cv
WHERE cv.customized_type = 'Issue' and cv.custom_field_id IN (#{query_cfs.join(',')}) and cv.customized_id IN (#{ids.join(',')}) GROUP BY
cv.custom_field_id, cv.customized_id) cv_m on cv_m.custom_field_id = cf.id and cv_m.customized_id = i.id
        WHERE cv.customized_type = 'Issue'
          and cv.custom_field_id IN (#{query_cfs.join(',')})
          and i.id IN (#{ids.join(',')})
        ORDER BY i.id, cv.custom_field_id, cv.id
      ) cv
```

```
WHERE cv.mlt = 0 OR cv.row_number <= 3
) cv on cv.id = #{CustomValue.table_name}.id
").order(:customized_id, :custom_field_id, :id).select("#{CustomValue.table_name}.*, cv.cnt, cv.field_format")
end
```

Add the coma after "cv.id" and remove the coma before "ORDER BY".