Redmine - Defect #27397

issues with custom field sql query error

2017-11-07 13:36 - Evgeniy Fedorov

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

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_v
alues cv WHERE cv.customized_type = ''Issue'' and cv.custom_field_id IN (1) and cv.customized_id I
N (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_i
d, 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) 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_t
rue} 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_fie
ld_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_fiel
d_id
                                               INNER JOIN issues i on i.id = cv.customized_id
                                               INNER JOIN (SELECT COUNT(1) as cnt, cv.custom_field_i
d, cv.customized_id FROM custom_values cv WHERE cv.customized_type = 'Issue' and cv.custom_field_id IN (#{quer
y_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("#{CustomValu
e.table_name}.*, cv.cnt, cv.field_format")
              end
```

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