

Redmine - Defect #36940

Chained custom field filter doesn't work for User fields

2022-04-12 18:43 - Thomas Löber

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Mariusus BÄLTEANU	% Done:	0%
Category:	Filters	Estimated time:	0.00 hour
Target version:	4.2.8	Affected version:	4.2.5
Resolution:	Fixed		
Description A chained custom field filter doesn't work for fields with format <i>User</i> . Steps to reproduce: 1. Create a user custom field A (the format doesn't matter) and check <i>Used as a filter</i> 2. Create an issue custom field B with format User and check <i>Used as a filter</i> 3. On the <i>My account</i> page set the custom value A for your own account to an arbitrary value 4. Create an issue and select <<me>> for the custom field B 5. Filter the issue list by the filter B's A and use the value you set on the <i>My account</i> page Expected result: <ul style="list-style-type: none">• The issue is found Actual result: <ul style="list-style-type: none">• The issue is not found The reason is that the SQL that filters the issues contains a WHERE customized_type='User'. However, the correct clause would be WHERE customized_type='Principal'. Here is a patch to fix the issue: --- a/app/models/query.rb +++ b/app/models/query.rb @@ -1166,7 +1166,7 @@ class Query < ActiveRecord::Base end filter = available_filters[field] - target_class = filter[:through].format.target_class + target_class = filter[:through].format.target_class.base_class "#{queried_table_name}.id #{not_in} IN (" + "SELECT customized_id FROM #{CustomValue.table_name}" +			
Best regards, Thomas			

Associated revisions

Revision 21686 - 2022-06-27 20:04 - Marius BÄLTEANU

Fix chained custom field filter doesn't work for User fields (#36940).

Patch by Thomas Löber.

Revision 21687 - 2022-06-27 20:05 - Marius BÄLTEANU

Add test for #37349.

Revision 21690 - 2022-06-28 08:49 - Marius BÄLTEANU

Merged r21686 and r21687 to 5.0-stable (#36940).

Revision 21691 - 2022-06-28 08:49 - Marius BĂLTEANU

Merged r21686 and r21687 to 4.2-stable (#36940).

History

#1 - 2022-04-14 15:44 - Go MAEDA

- Status changed from New to Confirmed

#2 - 2022-04-15 10:55 - Go MAEDA

- Target version set to Candidate for next minor release

#3 - 2022-06-25 21:23 - Marius BĂLTEANU

- File 0001-Fix-chained-custom-field-filter-doesn-t-work-for-Use.patch added

I'm not sure if we should that change for all classes, maybe we will break some plugins.

What do you think about the attached change?

#4 - 2022-06-25 22:45 - Thomas Löber

I don't think it's necessary to differentiate between User and other classes.

base_class is an ActiveRecord class method and returns exactly the class, whose name is stored in the customized_type column, i.e. the base model for the STI models, if any:

```
User.base_class => Principal
Issue.base_class => Issue
```

#5 - 2022-06-25 23:35 - Marius BĂLTEANU

- Target version changed from Candidate for next minor release to 4.2.8

I thought that maybe some plugins developers will add some custom fields that extend a base class and they don't want to filter after the base class.

#6 - 2022-06-27 20:06 - Marius BĂLTEANU

- Status changed from Confirmed to Resolved
- Assignee set to Marius BĂLTEANU
- Resolution set to Fixed

Patch posted by Thomas committed with a test.

#7 - 2022-06-27 20:08 - Marius BĂLTEANU

Test committed in [r21687](#) is for this issue, not for [#37349](#).

#8 - 2022-06-28 08:50 - Marius BĂLTEANU

- Status changed from Resolved to Closed

Files

0001-Fix-chained-custom-field-filter-doesn-t-work-for-Use.patch	2.04 KB	2022-06-25	Marius BĂLTEANU
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