Redmine - Defect #11073

UserCustomField order_statement returns wrong output

2012-06-01 15:43 - Devadatta Sahoo

Status:	Closed		**Start date:**	
Priority:	Normal		**Due date:**	
Assignee:	Etienne Massip		**% Done:**	0%
Category:	Custom fields		**Estimated time:**	0.00 hour
Target version:	2.1.0			
Resolution:	Fixed		**Affected version:**	

Description

The UserCustomField order_statement returns wrong output:

Eg:
For a user custom field named "Employee Code" (type string) the order statement is returned as follows:

>> UserCustomField.find_by_name("Employee Code").order_statement
=> "COALESCE((SELECT cv_sort.value FROM custom_values cv_sort WHERE cv_sort.customized_type='User' AND cv_sort.customized_id=users.id AND cv_sort.custom_field_id=1 LIMIT 1), '')"

Herein the value of customized_type is **User**, whereas in the actual database table, i.e. **custom_values** table, the value of customized_type for UserCustomFields is **Principal** (which is a superclass of User class).

For this reason, the `UserCustomField.find_by_name("Employee Code").order_statement` gives a statement which always returns empty output when used in a query.

The correct value of `UserCustomField.find_by_name("Employee Code").order_statement` should be:

>> UserCustomField.find_by_name("Employee Code").order_statement
=> "COALESCE((SELECT cv_sort.value FROM custom_values cv_sort WHERE cv_sort.customized_type='Principal' AND cv_sort.customized_id=users.id AND cv_sort.custom_field_id=1 LIMIT 1), '')"

Related issues:

Related to Redmine - Feature #1139: Being able to sort the issue list by cust...	**Closed**	**2008-04-29**

Associated revisions

Revision 9880 - 2012-06-23 17:47 - Etienne Massip

Use base class name as customized type to fix UserCustomField#order_statement.

Revision 9881 - 2012-06-23 18:51 - Etienne Massip

Removed test line committed accidently (#11073).

History

#1 - 2012-06-01 15:46 - Devadatta Sahoo

- Assignee set to Jean-Philippe Lang

#2 - 2012-06-01 15:51 - Etienne Massip

- Assignee deleted (Jean-Philippe Lang)

- Priority changed from High to Normal

#3 - 2012-06-01 20:06 - Devadatta Sahoo

- File custom_field.rb.patch added

A suggested patch has been attached:

File to be patched:

app/models/custom_field.rb

#4 - 2012-06-18 10:55 - Etienne Massip

- Status changed from New to Confirmed

- Target version set to Candidate for next minor release

Rails stores the base class type (Principal) instead of the actual class type (User).

These RoR issues might be relevant:

https://rails.lighthouseapp.com/projects/8994/tickets/5617
https://github.com/rails/rails/issues/724 (continuation of lh 5617)
https://github.com/rails/rails/issues/617

#5 - 2012-06-18 11:05 - Etienne Massip

Maybe you can try to replace self.class.customized_class.name with self.class.customized_class.base_class.name?

#6 - 2012-06-23 17:48 - Etienne Massip

- Status changed from Confirmed to Resolved

- Assignee set to Etienne Massip

- Target version changed from Candidate for next minor release to 2.1.0

- Resolution set to Fixed

Should be fixed with r9880, thanks for the report.

I don't know if it's useful to write a test since this statement is not used in Redmine code to query User model nor where I should write it?

#7 - 2012-07-26 18:57 - Jean-Philippe Lang

- Status changed from Resolved to Closed

Files

| custom_field.rb.patch | 1.64 KB | 2012-06-01 | Devadatta Sahoo |