

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 | Affected version: | |
| Resolution: | Fixed | | |
| 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: | | | |
| <pre>>> 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), "")"</pre> | | | |
| 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: | | | |
| <pre>>> 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), "")"</pre> | | | |
| 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 accidentally (#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 |
|-----------------------|---------|------------|-----------------|