The order of the totals of project custom fields ignores their position value

2020-04-08 17:05 - Go MAEDA

Status: New
Priority: Normal
Assignee: 
Category: Filters
Target version: 4.1.2
Resolution: 

Description

Totals for custom fields should be ordered by the position value of the fields, but actually they are ordered by id. They should be ordered according to the position value, like the issues list.

Assume that the positions of the project custom fields are set like this:

custom-fields-position.png

Totals for the custom fields are expected to be displayed in the same order as in the image above, but are actually sorted by id values in the database.

order-of-totals.png

History

#1 - 2020-04-22 07:58 - Yuichi HARADA
- File 33281.patch added

Fixed the Totals for custom fields to be sorted by field position order. I attached a patch.

diff --git a/app/models/query.rb b/app/models/query.rb
index 100728cff..7f1169023 100644
--- a/app/models/query.rb
+++ b/app/models/query.rb
@@ -755,7 +755,13 @@ class Query < ActiveRecord::Base
   end

      def available_totalable_columns
-        available_columns.select(&:totalable)
+        available_columns.select(&:totalable).sort do |a, b|
+          if a.is_a?(QueryCustomFieldColumn) && b.is_a?(QueryCustomFieldColumn)
+            a.custom_field <=> b.custom_field
+          else
+            0
+          end
+        end
      end

      def default_columns_names

#2 - 2020-04-22 08:28 - Go MAEDA

2020-05-07
Setting the target version to 4.1.2.

#3 - 2020-04-24 09:13 - Yuichi HARADA
- File 33281-v2.patch added

Custom fields that are normally stored in "Query#available_columns" are in position order, but the cross-project's projects, issues, and spent time tabs do not store them in "Query#available_columns" in position order.

I fixed the patch as follows.

```ruby
diff --git a/app/models/project_query.rb b/app/models/project_query.rb
index 72a0922bd..b8c79072f 100644
--- a/app/models/project_query.rb
+++ b/app/models/project_query.rb
@@ -69,7 +69,7 @@ class ProjectQuery < Query
   def available_columns
     return @available_columns if @available_columns
     @available_columns = self.class.available_columns.dup
-   @available_columns += ProjectCustomField.visible.
+   @available_columns += project_custom_fields.visible.
       map { |cf| QueryCustomFieldColumn.new(cf) }
     @available_columns
   end
end
```

```ruby
diff --git a/app/models/query.rb b/app/models/query.rb
index 100728cff..31c5c911b 100644
--- a/app/models/query.rb
+++ b/app/models/query.rb
@@ -609,13 +609,13 @@ class Query < ActiveRecord::Base
   if project
     project.rolled_up_custom_fields
   else
-     IssueCustomField.all
+     IssueCustomField.sorted
   end
 end

 # Returns a scope of project custom fields that are available as columns or filters
 def project_custom_fields
-  ProjectCustomField.all
+  ProjectCustomField.sorted
 end
```

```ruby
diff --git a/app/models/time_entry_query.rb b/app/models/time_entry_query.rb
index 610e7628e..39c931d4a 100644
--- a/app/models/time_entry_query.rb
+++ b/app/models/time_entry_query.rb
@@ -113,7 +113,7 @@ class TimeEntryQuery < Query
       map { |cf| QueryCustomFieldColumn.new(cf) }
   end
```

2020-05-07
@available_columns += issue_custom_fields.visible.
  map {cf| QueryAssociationCustomFieldColumn.new(issue, cf, :totalable => false) }
-  @available_columns += ProjectCustomField.visible.
+  @available_columns += project_custom_fields.visible.
    map {cf| QueryAssociationCustomFieldColumn.new(project, cf) }

end

#4 - 2020-04-28 03:49 - Go MAEDA

Yuichi HARADA wrote:

| Custom fields that are normally stored in "Query#available_columns" are in position order, but the cross-project's projects, issues, and spent time tabs do not store them in "Query#available_columns" in position order.
| I fixed the patch as follows.
| [...] |

Thank you for deeply inspecting the issue. But I found that the order of totals on Spent time page still ignores the position value of custom fields even after applying attachment:33281-v2.patch.

Could you look into it?

Files

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<thead>
<tr>
<th>Files</th>
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<tr>
<td>custom-fields-position.png</td>
<td>33.7 KB</td>
<td>2020-04-08</td>
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<td>order-of-totals.png</td>
<td>167 KB</td>
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<tr>
<td>33281.patch</td>
<td>1.71 KB</td>
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<td>33281-v2.patch</td>
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<td>Yuichi HARADA</td>
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