

## Redmine - Defect #33281

### Totals of custom fields may not be sorted as configured

2020-04-08 17:05 - Go MAEDA

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Go MAEDA	<b>% Done:</b>	0%
<b>Category:</b>	Filters	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	4.1.2	<b>Affected version:</b>	4.1.0
<b>Resolution:</b>	Fixed		
<b>Description</b>			
<p>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.</p> <p>Assume that the positions of the project custom fields are set like this: custom-fields-position.png</p> <p>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.</p> <p>order-of-totals.png</p>			

#### Associated revisions

##### Revision 19758 - 2020-05-08 06:30 - Go MAEDA

Fix that totals of custom fields may not be sorted as configured (#33281).

Patch by Yuichi HARADA.

##### Revision 19759 - 2020-05-08 06:46 - Go MAEDA

Merged r19758 from trunk to 4.1-stable (#33281).

#### 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|
```

2020-09-27

```

+   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

- Category changed from Projects to Filters
- Target version set to 4.1.2

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.

```

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
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

# Returns a scope of project statuses that are available as columns or filters
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) }
      @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) }
      @available_columns
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?

#### #5 - 2020-05-07 07:31 - Yuichi HARADA

- File 33281-v3.patch added

Go MAEDA wrote:

```

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?

```

Thank you for pointing out.

I confirmed that TimeEntryCustomFields are not arranged in order of position. It was solved by adding the following patch to attachment:33281-v2.patch.

```
diff --git a/app/models/query.rb b/app/models/query.rb
index 31c5c911b..45e9882a7 100644
--- a/app/models/query.rb
+++ b/app/models/query.rb
@@ -618,6 +618,11 @@ class Query < ActiveRecord::Base
  ProjectCustomField.sorted
  end

+ # Returns a scope of time entry custom fields that are available as columns or filters
+ def time_entry_custom_fields
+ TimeEntryCustomField.sorted
+ end
+
+ # Returns a scope of project statuses that are available as columns or filters
  def project_statuses_values
  [
diff --git a/app/models/time_entry_query.rb b/app/models/time_entry_query.rb
index 39c931d4a..c8f8eeae7 100644
--- a/app/models/time_entry_query.rb
+++ b/app/models/time_entry_query.rb
@@ -100,7 +100,7 @@ class TimeEntryQuery < Query
  add_available_filter "comments", :type => :text
  add_available_filter "hours", :type => :float

- add_custom_fields_filters(TimeEntryCustomField)
+ add_custom_fields_filters(time_entry_custom_fields)
  add_associations_custom_fields_filters :project
  add_custom_fields_filters(issue_custom_fields, :issue)
  add_associations_custom_fields_filters :user
@@ -109,7 +109,7 @@ class TimeEntryQuery < Query
  def available_columns
  return @available_columns if @available_columns
  @available_columns = self.class.available_columns.dup
- @available_columns += TimeEntryCustomField.visible.
+ @available_columns += time_entry_custom_fields.visible.
    map {|cf| QueryCustomFieldColumn.new(cf) }
  @available_columns += issue_custom_fields.visible.
    map {|cf| QueryAssociationCustomFieldColumn.new(:issue, cf, :totalable => false) }
```

#### #6 - 2020-05-08 06:36 - Go MAEDA

- Subject changed from *The order of the totals of project custom fields ignores their position value* to *Totals of custom fields may not be sorted as configured*

#### #7 - 2020-05-08 06:46 - Go MAEDA

- Status changed from *New* to *Closed*  
- Assignee set to *Go MAEDA*  
- Resolution set to *Fixed*

Committed the patch. Thank you.

## Files

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custom-fields-position.png	33.7 KB	2020-04-08	Go MAEDA
order-of-totals.png	167 KB	2020-04-08	Go MAEDA
33281.patch	1.71 KB	2020-04-22	Yuichi HARADA
33281-v2.patch	3.94 KB	2020-04-24	Yuichi HARADA
33281-v3.patch	5.29 KB	2020-05-07	Yuichi HARADA