

## Redmine - Defect #13118

### a\_issue.project.issue\_custom\_fields don't work always correct

2013-02-10 17:35 - Thomas Kohler

<b>Status:</b>	Reopened	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	Custom fields	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Affected version:</b>	
<b>Resolution:</b>	Invalid		
<b>Description</b>			
<p>This means "a_issue.project.issue_custom_fields" and "Project.find_by_id(a_issue.project.id).issue_custom_fields" give sometimes different results. This also affect the result of the method "available_custom_fields" in issue.rb. This is only sometimes the case - don't no why.</p> <p>Especially in that case "a_issue.project.issue_custom_fields.count" give also a wrong value (count like expected, but some expected entries are nil)</p> <p>A simple detection is possible with: (Project.find_by_id(a_issue.project.id).issue_custom_fields - a_issue.project.issue_custom_fields).empty?</p> <p>The same for trackers: (Tracker.find_by_id(a_issue.tracker.id).custom_fields - a_issue.tracker.custom_fields).empty?</p>			

#### History

##### #1 - 2013-02-10 18:13 - Jean-Philippe Lang

- Resolution set to Cant reproduce

Works for me on my development environment. Can you provide a failing test?

##### #2 - 2013-02-10 21:16 - Thomas Kohler

I will try it. But for now I'm using this method for workaround and detection:

```
'# Overrides Redmine::Acts::Customizable::InstanceMethods#available_custom_fields
def available_custom_fields
  if !(Project.find_by_id(self.project.id).issue_custom_fields - self.project.issue_custom_fields).empty?
    debugger
    puts "Found this bug for project: http://www.redmine.org/issues/13118!"
  end
  if !(Tracker.find_by_id(self.tracker.id).custom_fields - self.tracker.custom_fields).empty?
    debugger
    puts "Found this bug for tracker: http://www.redmine.org/issues/13118!"
  end
  #workaround for this bug:
  this_project = Project.find_by_id(self.project.id)
  this_tracker = Tracker.find_by_id(self.tracker.id)
  retval= (this_project && this_tracker) ? (this_project.all_issue_custom_fields & this_tracker.custom_field
s.all) : []
  return retval
end
```

Now I have detected the problem also once for trackers.

##### #3 - 2013-02-11 18:49 - Jean-Philippe Lang

- Status changed from New to Closed

- Resolution changed from Cant reproduce to Invalid

Thomas Kohler wrote:

This means "a\_issue.project.issue\_custom\_fields" and "Project.find\_by\_id(a\_issue.project.id).issue\_custom\_fields" give sometimes different results.

`a_issue.project` and `Project.find_by_id(a_issue.project.id)` are not the same objects in memory. You can try:

```
a_issue.project.object_id == Project.find_by_id(a_issue.project.id).object_id
```

So if you update an association (eg. add a tracker or a custom field to a project), you may need to `#reload` your issue in order to see the new association.

I'm closing it, please reopen if you have a valid failing test.

#### #4 - 2013-02-11 22:35 - Thomas Kohler

- File `tc_redmine_defect_13118.rb` added

- File `test_helper_for_redmine_defects.rb` added

Yes, you are right! I have given that the `a_issue.save` do that already, but unfortunately not.

I have finished a failing test now and also a test with your solution. In my opinion a `#reload` in the method would be a good idea. Or inside the `Issue.save`? What do you think about?

```
def available_custom_fields
  if !(Project.find_by_id(self.project.id).issue_custom_fields - self.project.issue_custom_fields).empty?
    self.reload
  end
  if !(Tracker.find_by_id(self.tracker.id).custom_fields - self.tracker.custom_fields).empty?
    self.reload
  end
  retval= (project && tracker) ? (project.all_issue_custom_fields & tracker.custom_fields.all) : []
  return retval
end
```

#### #5 - 2013-02-14 12:54 - Thomas Kohler

- Status changed from *Closed* to *Reopened*

Please check my failing test and post your opinion about "reload in the `#available_custom_fields` or on/after `#save` of the issue".

#### Files

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<code>tc_redmine_defect_13118.rb</code>	4.18 KB	2013-02-11	Thomas Kohler
<code>test_helper_for_redmine_defects.rb</code>	4.87 KB	2013-02-11	Thomas Kohler