

Redmine - Defect #34398

Tracker filter shows subprojects trackers even when "Display subprojects issues on main projects by default" is disabled

2020-12-05 07:23 - Go MAEDA

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Filters	Estimated time:	0.00 hour
Target version:		Affected version:	
Resolution:	Invalid		

Description

Currently, the tracker filter shows all trackers enabled in the current projects and subprojects. However, it makes no sense to show subprojects trackers when "Display subprojects issues on main projects by default" (Setting.display_subprojects_issues) is disabled because filtering by those trackers always shows no issue.

Assume that there are two projects, *p_main* and its subproject *p_sub*. *foo* and *bar* trackers are enabled for *p_main*, and *bar* and *baz* trackers are enabled for *p_sub*.

Project	Enabled trackers
<i>p_main</i>	<i>foo</i> , <i>bar</i>
<i>p_sub</i>	<i>bar</i> , <i>baz</i>

Tracker filter in *p_main* has 3 options, *foo*, *bar*, and *baz*. It is OK because issues in *p_sub* is displayed in *p_main* as well by default.

When you turn off "Display subprojects issues on main projects by default" setting, issues in *p_sub* are no longer displayed in the issues list of *p_main*. This means that all issues displayed in *p_main* should belong to one of the two trackers, *foo* or *bar*. However, the tracker filter still shows a tracker *baz* which is only enabled in the subproject *baz*. The option *baz* in the tracker filter is useless because issues with *baz* tracker are never displayed in *p_main*'s issues list.

Setting.display_subprojects_issues	Possible trackers in <i>p_main</i> 's issues list	Available options for trackers filter
'0'	<i>foo</i> , <i>bar</i>	<i>foo</i> , <i>bar</i> , <i>baz</i>
'1'	<i>foo</i> , <i>bar</i> , <i>baz</i>	<i>foo</i> , <i>bar</i> , <i>baz</i>

History

#1 - 2020-12-14 03:59 - Yuichi HARADA

- File 34398.patch added

I fixed it like that it does not show subprojects trackers when "Display subprojects issues on main projects by default" (Setting.display_subprojects_issues) is disabled.

```
diff --git a/app/models/query.rb b/app/models/query.rb
index 18f1b135bf..74bb5e50a2 100644
--- a/app/models/query.rb
+++ b/app/models/query.rb
@@ -493,7 +493,7 @@ class Query < ActiveRecord::Base
   end

   def trackers
-    @trackers ||= (project.nil? ? Tracker.all : project.rolled_up_trackers).visible.sorted
+    @trackers ||= (project.nil? ? Tracker.all : project.rolled_up_trackers(Setting.display_subprojects_issues
?)).visible.sorted
   end

   # Returns a hash of localized labels for all filter operators
```

#2 - 2020-12-14 07:16 - Mischa The Evil

- Status changed from New to Needs feedback
- Assignee set to Go MAEDA

@Go MAEDA:

I do not think this is a good idea. I'll use a quote from you which will clearly explain, without going into all the technical details, why.

When you turn off "Display subprojects issues on main projects by default" setting, issues in *p_sub* are no longer displayed in the issues list of *p_main*.

That quote is true but incomplete. That setting is, as the name implies, just setting a **default** for every issue query. That default value can be normally modified by each user for every query using the 'Subproject' issue filter, as it should be IMHO.

So to come back to your quote, it is true but conditional. In your example the condition being: ... *unless the filter 'Subproject' is set to 'any' or 'is' with a particular value*.

This is and has traditionally been something that is quickly overlooked¹. Maybe it would help if the setting is moved to the 'Issues list defaults' group on the 'Issue tracking' tab of the settings page? [Wait what? Wait what?](#)

Is that a typo? Not by the me, the author of this note. I just copy-pasted from the UI of a test instance of Redmine. Checked the current trunk, still persistent... Edit: see issue [#34447](#).

But, if this is the case for this setting, then what about the same behaving 'Use current date as start date for new issues' setting? Maybe (better) documentation would/could help too.

However, given my current perspective of the current situation of the Redmine project, I think this is a futile matter as there are much more and, more importantly, more important things that IMO need handling first.

Coming back to this issue, I'd say we can close it as either invalid or wont fix. What do you think?

¹ to the point that the ChiliProject team even implemented a duplicated subset of the filter feature as a separate issue query option (<https://www.chiliproject.org/issues/672.html> [commit: [2b7a221](#) on GitHub]), which provided fun results when used together with the then already present 'Subproject' filter ;) Those were the days...

#3 - 2020-12-14 07:54 - Go MAEDA

- Status changed from Needs feedback to Closed
- Resolution set to Invalid

Mischa The Evil wrote:

That quote is true but incomplete. That setting is, as the name implies, just setting a **default** for every issue query. That default value can be normally modified by each user for every query using the 'Subproject' issue filter, as it should be IMHO.

So to come back to your quote, it is true but conditional. In your example the condition being: ... *unless the filter 'Subproject' is set to 'any' or 'is' with a particular value*.

I did not know about this behavior until just now. Thank you for pointing this out. Now I understand that what I wrote in this issue's description makes such queries impossible.

Coming back to this issue, I'd say we can close it as either invalid or wont fix. What do you think?

I agree completely.

#4 - 2020-12-14 08:23 - Go MAEDA

- Assignee deleted (Go MAEDA)

Files

34398.patch	1.67 KB	2020-12-14	Yuichi HARADA
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