

Redmine - Defect #26376

Wrong issue counts and spent time on project overview

2017-07-06 19:47 - Serhiy Yefremenko

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Jean-Philippe Lang	% Done:	0%
Category:	Projects	Estimated time:	0.00 hour
Target version:	3.4.1	Affected version:	3.4.0
Resolution:	Fixed		
Description			
<p>After switching to 3.4.0 from 3.3.3 got the problem on project overview page. With non-admin user issue table is empty and total spent time is 0.0, even though "all issues" page and time report show correct data.</p> <p>I saw related issues posted here but open new one because another version is affected and also because it seems to me that I found the reason.</p> <p>I was able to trace the bug to the method <code>User#project_ids_by_role</code>, which returned wrong data. The actual reason lives in <code>:visible</code> scope of Project:</p> <pre>scope :visible, lambda {[*args] where(Project.visible_condition(args.shift User.current, *args)) }</pre> <p>Because of this method chain, any query to Project from <code>User#project_ids_by_role</code> adds condition for parent id. So even if you place break point inside that method and call <code>Project.first</code>, you will get something like</p> <pre>SELECT * FROM Project WHERE project.id = ? LIMIT 1</pre> <p>Looks like it's a bug affecting ActiveRecord 4.2.8, discussed here: https://github.com/rails/rails/issues/29445 https://github.com/rails/rails/issues/29338</p> <p>The actual problem with missing issues and time can be solved commenting first line in <code>User#project_ids_by_role</code> (result caching) but it's not a valid solution. Also 3.3.3 and 3.3.4 seem to do same things but the bug is not reproduced on our data so we stick with 3.3.4 for now.</p>			
Related issues:			
Related to Redmine - Defect # 25828: Issue visibility problems on 3.3.1		New	
Duplicated by Redmine - Defect # 26084: In my Overview column didn't show bug...		Closed	
Duplicated by Redmine - Defect # 26389: summary issue list disappeared from p...		Closed	

Associated revisions

Revision 16766 - 2017-07-08 09:20 - Jean-Philippe Lang

Fixed that issue counts are 0 on project overview (#26376).

Revision 16767 - 2017-07-08 14:15 - Jean-Philippe Lang

Fixed `User#project_ids_by_role` when first called within chained scopes (#26376).

Revision 16768 - 2017-07-08 14:16 - Jean-Philippe Lang

Reverts change made to ProjectController in r16766 (#26376).

Revision 16771 - 2017-07-08 14:56 - Jean-Philippe Lang

Merged r16766 to r16768 (#26376).

History

#1 - 2017-07-07 12:12 - Serhiy Yefremenko

UPD: 3.3.4 is probably fine as it uses rails 4.2.7.1

#2 - 2017-07-08 03:48 - Go MAEDA

- *Duplicated by Defect #26084: In my Overview column didn't show bugs count added*

#3 - 2017-07-08 04:03 - Go MAEDA

Screenshots from #26084:

/attachments/download/18436/Selection_017.png

/attachments/download/18437/Selection_018.png

#4 - 2017-07-08 04:16 - Go MAEDA

- *Target version set to 3.4.1*

#5 - 2017-07-08 09:25 - Jean-Philippe Lang

- *Subject changed from Project/Tracker visibility control fails, presumably because of ActiveRecord bug to Wrong issue counts and spent time on project overview*

- *Status changed from New to Resolved*

- *Assignee set to Jean-Philippe Lang*

- *Resolution set to Fixed*

I was able to fix the problem on the project overview by loading visible subprojects (which poisons project_ids cache) at the end. I'll see if we can workaround this Rails bug with a more general solution.

#6 - 2017-07-08 11:02 - Serhiy Yefremenko

Isn't disabling cache safer? Or rolling back to rails 4.2.7, didn't have time to check if that version works but one of that github issues says it does.

#7 - 2017-07-08 14:18 - Jean-Philippe Lang

Serhiy Yefremenko wrote:

| *Isn't disabling cache safer? Or rolling back to rails 4.2.7*

We can't stick to 4.2.7 for ever and the issue does not seem to be addressed in Rails 5.

I've committed a better fix in r16767 that ensures that `User#project_ids_by_role` always returns correct results.

#8 - 2017-07-08 14:57 - Jean-Philippe Lang

- *Status changed from Resolved to Closed*

I think we have to release a 3.4.1 ASAP.

#9 - 2017-07-10 07:56 - Go MAEDA

- *Duplicated by Defect #26389: summary issue list disappeared from project overview page added*

#10 - 2017-07-24 19:42 - Udo Hain

I just want to mention that I have the same problem with the following environment (on Ubuntu 16.04.2 LTS):

Environment:

Redmine version	3.2.1.stable
Ruby version	2.3.1-p112 (2016-04-26) [x86_64-linux-gnu]
Rails version	4.2.9
Environment	production
Database adapter	Mysql2

I have solved the problem with the empty list in the issue tracking table by a patch described in #25828, but the problem with the "Spent time" of 0.0 hours remains. Admin accounts see the correct time, the other users do not. It would be nice if there was a patch for 3.2.1 too!

#11 - 2017-08-05 05:33 - Toshi MARUYAMA

- *Related to Defect #25828: Issue visibility problems on 3.3.1 added*