

Redmine - Defect #20995

Automatic done ratio calculation in issue tree is wrong in some cases

2015-10-15 09:34 - Felix Schäfer

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Jean-Philippe Lang	% Done:	0%
Category:	Issues	Estimated time:	0.00 hour
Target version:	3.2.0	Affected version:	
Resolution:	Fixed		
<b>Description</b> Currently the done ratio of parent issues in an issue tree is calculated based on the average of done ratios of the <i>leaves</i> bellow that issue <a href="source:/tags/3.1.1/app/models/issue.rb#L1491">source:/tags/3.1.1/app/models/issue.rb#L1491</a> . This however can lead to inconsistencies in the automatically calculated done ratios.  For example: issue C with a done ratio of 50% and an open status, which is a subtask of issue B with a done ratio of 70% automatically set by its (open) status, which itself is a subtask of issue A, with a status that doesn't automatically set the done ratio. In that case, A will have an automatically calculated done ratio of 50% because it will be calculated based on the leaf's done ratios, i.e. from C, although its only direct child has a done ratio of 70%.  Is there any rationale to keeping the calculation of the done ratio based on the leaves? I would like to change it to be calculated based on the done ratios of the direct children. If this is an acceptable change I can work on a patch.			
<b>Related issues:</b> Related to Redmine - Defect #23511: Progress of parent task should be calcula... <span>Closed</span>			

Associated revisions

Revision 14875 - 2015-11-14 10:58 - Jean-Philippe Lang

Calculate done\_ratio based on children instead of leaves (#20995).

Patch by Jens Krämer.

History

#1 - 2015-10-15 09:35 - Felix Schäfer

As a side-note: I'm aware of [#6609](#), this is not directly related though.

#2 - 2015-10-21 10:19 - Jens Krämer

- File `calculate_done_ratio_from_children_20995.diff` added

here's a patch switching done ratio calculation from the leaves to direct children, and a test illustrating the problem.

#3 - 2015-11-13 12:13 - Toshi MARUYAMA

- Target version set to 3.2.0

#4 - 2015-11-14 10:59 - Jean-Philippe Lang

- Status changed from New to Closed

- Assignee set to Jean-Philippe Lang

- Resolution set to Fixed

#5 - 2016-08-23 15:24 - Toshi MARUYAMA

- Related to Defect #23511: Progress of parent task should be calculated using total estimated hours of children added

Files

<code>calculate_done_ratio_from_children_20995.diff</code>	2.31 KB	2015-10-21	Jens Krämer
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