

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	
Description	
<p>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 source:/tags/3.1.1/app/models/issue.rb#L1491. This however can lead to inconsistencies in the automatically calculated done ratios.</p> <p>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%.</p> <p>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.</p>	
Related issues:	
Related to Redmine - Defect # 23511: Progress of parent task should be calcul... Closed	

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

calculate_done_ratio_from_children_20995.diff	2.31 KB	2015-10-21	Jens Krämer
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