

Redmine - Defect #24213

% Done is not correct for parent to parents when calculated from subtasks

2016-10-30 22:32 - C-O L

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Issues planning	Estimated time:	0.00 hour
Target version:		Affected version:	3.3.0
Resolution:	Duplicate		

Description

When having more than two levels of issues then when the % done is calculated for the top level parent then the subtasks on the first level always have equal weight instead of having a weight based on their total estimated hours.

Example:

```
  P          - top level parent task
(40)        = total estimated time
 / \
 /   \
A1    B1    - 1st level subtasks
(10) (30)  = total estimated time
 | \    | \
 |  \   |  \
A2 A3 B2 B3 - 2nd level subtasks
3  7  9  21 = estimated times for 2nd level subtasks
```

The 2nd level subtasks each have an estimated time (A2=3h, A3=7h, B2=9h, B3=21h). The A subtree has a total of 10h and the B subtree has a total of 30h.

The 1st level subtasks calculate their % done using (sum of subtasks % done * estimated time)/(total estimated time). So if A2 is closed(100%) then A1 has a done of 30 (A2+A3=10h, and 3h of 10h = 30%).

The total estimated time for the top level parent P is 40h. When only A2 is closed then the correct done for P should be 7.5 (3h of 40h), but it is actually showing the done for A1 divided by the total number of 1st level subtasks which is 30/2=15%.

I have created a patch that solves the problem, and it seems to work fine for us that have up to three levels of tasks and no more than 10 nodes total in a tree.

Related issues:

Is duplicate of Redmine - Defect #23511: Progress of parent task should be ca...

Closed

History

#1 - 2016-10-30 23:48 - Marius BĂLTEANU

Did you try the fix from [#23511](#)?

#2 - 2016-10-31 03:27 - Toshi MARUYAMA

- Status changed from New to Needs feedback

#3 - 2016-11-08 09:56 - C-O L

Yes [#23511](#) should fix this problem, sorry I didn't find that issue before posting.

#4 - 2016-11-21 14:02 - Toshi MARUYAMA

- Status changed from Needs feedback to Closed

- Resolution set to Duplicate

#5 - 2016-11-21 14:02 - Toshi MARUYAMA

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

Files

done_fixed_for_several_levels_of_subtasks.diff	2.17 KB	2016-10-30	C-O L
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