

Redmine - Defect #33576

Done ratio of a parent issue may be shown as 99% even though all subtasks are completed

2020-06-10 08:58 - Go MAEDA

| | |
|------------------------------|----------------------------------|
| Status: Closed | Start date: |
| Priority: Normal | Due date: |
| Assignee: Go MAEDA | % Done: 0% |
| Category: Issues | Estimated time: 0.00 hour |
| Target version: 4.0.8 | Affected version: 4.0.0 |
| Resolution: Fixed | |

Description

Due to a rounding error at source:tags/4.1.1/app/models/issue.rb#L1717, a parent task may show 99% done even when all subtasks are 100% done.

clipboard-202006101529-abpb8.png

```
irb(main):001:0> 1610 / 16.1  
=> 99.99999999999999
```

Steps to reproduce:

1. Set "% Done" setting (Administration > Settings > Issue tracking) to "Calculated from subtasks"
2. Create a parent task.
3. Create a subtask 1 with 10.0 estimated hours and 100% done ratio
4. Create a subtask 2 with 6.1 estimated hours and 100% done ratio
5. Now the done ratio of the parent task shows 99% instead of 100%

Related issues:

| | |
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| Related to Redmine - Defect # 27848: The progress exceeding 99.5% is displaye... | Closed |
|--|---------------|

Associated revisions

Revision 19818 - 2020-06-14 08:56 - Go MAEDA

Done ratio of a parent issue may be shown as 99% even though all subtasks are completed (#33576).

Patch by Go MAEDA.

Revision 19819 - 2020-06-14 08:58 - Go MAEDA

Merged r19818 from trunk to 4.1-stable (#33576).

Revision 19820 - 2020-06-14 09:00 - Go MAEDA

Merged r19818 from trunk to 4.0-stable (#33576).

History

#1 - 2020-06-10 08:58 - Go MAEDA

- Related to Defect #27848: The progress exceeding 99.5% is displayed as 100% added

#2 - 2020-06-10 10:20 - Go MAEDA

- File *fix-33576.patch* added
- Target version set to *Candidate for next minor release*

Attaching a patch that fixes the issue.

#3 - 2020-06-10 11:34 - Go MAEDA

- File *fix-33576-v2.patch* added

Updated the patch not to use Float in the calculation process of a derived done ratio.

#4 - 2020-06-10 13:04 - Anonymous

- File *4.jpg* added

#5 - 2020-06-10 17:06 - Go MAEDA

- File *deleted (4.jpg)*

#6 - 2020-06-11 15:50 - Go MAEDA

- Target version changed from *Candidate for next minor release* to *4.0.8*

Setting the target version to 4.0.8.

#7 - 2020-06-14 09:01 - Go MAEDA

- Subject changed from *Parent task may show 99% done even when all subtasks are 100% done* to *Done ratio of a parent issue may be shown as 99% even though all subtasks are completed*
- Status changed from *New* to *Closed*
- Assignee set to *Go MAEDA*
- Resolution set to *Fixed*

Committed the patch.

#8 - 2020-06-15 20:26 - Sebastian Paluch

There are also other issues in Done ration calculation #21449

Files

| | | | |
|----------------------------------|---------|------------|----------|
| clipboard-202006101529-abpb8.png | 53.4 KB | 2020-06-10 | Go MAEDA |
| fix-33576.patch | 1.4 KB | 2020-06-10 | Go MAEDA |
| fix-33576-v2.patch | 1.94 KB | 2020-06-10 | Go MAEDA |