Redmine - Patch #13400

Calculate %done based on estimated and logged time

2013-03-08 11:14 - Holger Just

Status:	New	**Start date:**	
Priority:	Normal	**Due date:**	
Assignee:		**% Done:**	0%
Category:	Issues planning	**Estimated time:**	0.00 hour
Target version:	Candidate for next minor release		

Description

One of our customers at Planio requested to have the %done field calculated based on estimated and logged time. This patch is extracted from the Planio code base.

If enabled, it calculated the percent done according to these rules:

- if estimated time is set: logged_time / estimated_time
  - the number is never higher than 100%, even if logged_time > estimated_time
- if estimated_time is not set: 0

Logged and estimated times of child issues are taken into account, similarly to the way it is done when using the issue status. If a user logs/modifies/deletes time, it creates a journal entry of the changed %done on the affected issue. It will not create journals on parent issues that might also be updated.

The patch is attached.

Related issues:

Related to Redmine - Feature #12762: Add option to calculate done ratio with ...	**New**
Related to Redmine - Feature #24277: Introducing Remaining Time field as meth...	**New**

History

#1 - 2013-03-08 21:41 - Jan Niggemann (redmine.org team member)

Dupe of #12762?

#2 - 2013-03-08 23:25 - Mischa The Evil

Jan Niggemann wrote:

> Dupe of #12762?

I'd say just related since this is a *patch* which implements feature #12762.

#3 - 2013-03-11 18:00 - Etienne Massip

Could you use rather use Issue model time_entries association after_add and after_remove callbacks rather than TimeEntry model ones?

#4 - 2013-03-11 18:00 - Etienne Massip

- Category set to Issues planning

#5 - 2013-03-11 20:04 - Holger Just

Etienne Massip wrote:

> Could you use rather use Issue model time_entries association after_add and after_remove callbacks rather than TimeEntry model ones?

Well, you can add/edit/delete time entries all without even touching an issue. I'm not sure how that is supposed to work as in this case, the issues isn't even loaded.

Also one tiny remark which I forgot above: the patch is against Redmine 1.4.7. If this is something that should go into the core, I could probably port that to 2.2 (haven't tested it there).

#6 - 2013-03-11 20:43 - Etienne Massip

Holger Just wrote:

> Also one tiny remark which I forgot above: the patch is against Redmine 1.4.7. If this is something that should go into the core, I could probably port that to 2.2 (haven't tested it there).

I think it would have its place in core so it would be great to have this patch against a recent trunk revision.

#7 - 2013-03-12 11:57 - Etienne Massip

Holger Just wrote:

> Etienne Massip wrote:
>
> > Could you use rather use Issue model time_entries association after_add and after_remove callbacks rather than TimeEntry model ones?
>
> Well, you can add/edit/delete time entries all without even touching an issue. I'm not sure how that is supposed to work as in this case, the issues isn't even loaded.

I didn't think that the actual TimeEntry model was this much tied to the issue the time entry belongs to, looking a bit more deeply in its code, it's very OK like you did.

#8 - 2013-03-14 04:57 - Mischa The Evil

FTR: related and duplicating issues are listed in DoneRatio_issues_overview.

#9 - 2013-08-03 16:53 - Toshi MARUYAMA

- File issue-13400-trunk-r9702.diff added

0001-patch.diff seems for trunk r9702.
I removed languages except en and de.

#10 - 2013-08-03 17:44 - Toshi MARUYAMA

- File issue-13400-trunk-r12075.diff added

This is a patch rebased to trunk r12075.

#11 - 2015-03-20 11:31 - Vincent Adelé

I applied the patch issue-13400-trunk-r12075.diff on Redmine 2.4.2.stable with success but I get that error when submitting an issue:

```
NameError (undefined local variable or method `update_done_ratio_from_issue_status' for #<Issue:0x007f6a2ca424
08>):
  app/models/issue.rb:165:in `create_or_update'
  app/controllers/issues_controller.rb:470:in `block in save_issue_with_child_records'
  app/controllers/issues_controller.rb:458:in `save_issue_with_child_records'
  app/controllers/issues_controller.rb:184:in `update'
```

Is there any other solution to get this feature on 2.4.2 ?

#12 - 2015-05-12 20:03 - Peter Drábik

Vincent Adelé wrote:

> I applied the patch issue-13400-trunk-r12075.diff on Redmine 2.4.2.stable with success but I get that error when submitting an issue:
> [...]
>
> Is there any other solution to get this feature on 2.4.2 ?

I have this problem on 3.0.2 and I need this feature

#13 - 2018-07-12 16:56 - Gregor Schmidt

- File 0001-Calculate-done_ratio-based-on-logged-time.patch added

I recently came across this issue while working at Planio. I've rebased Holger's patch and added some tests.

It would be great, if this feature suggestion could be reconsidered.

#14 - 2018-07-12 17:36 - Holger Just

- Target version set to Candidate for next minor release

Thank you Gregor for working on this. I think this is a great addition.

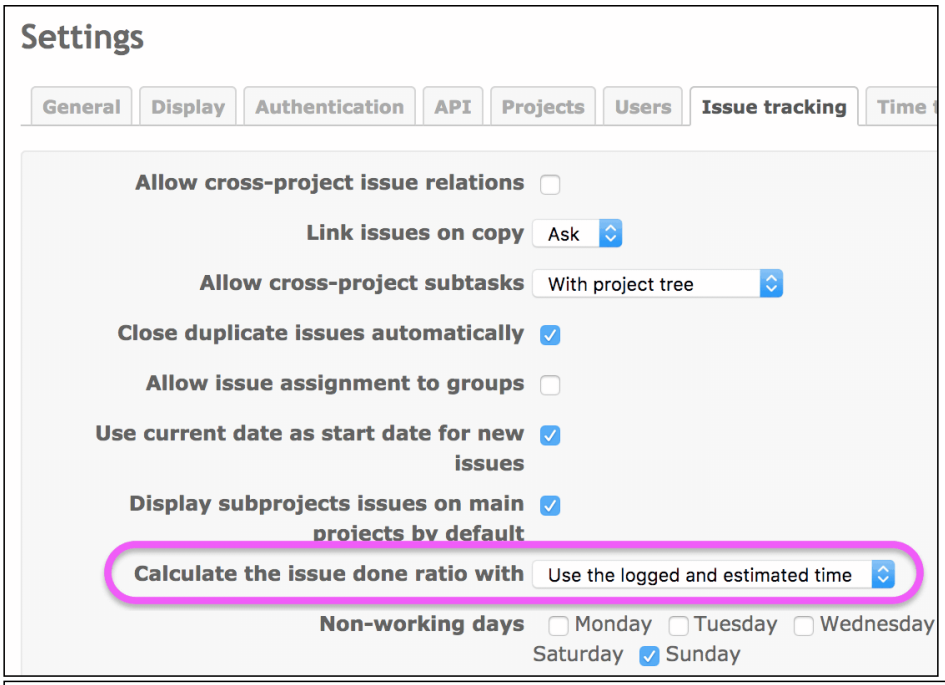
I'm setting the version to Candidate for next minor release, especially in the light of DoneRatio issues overview.

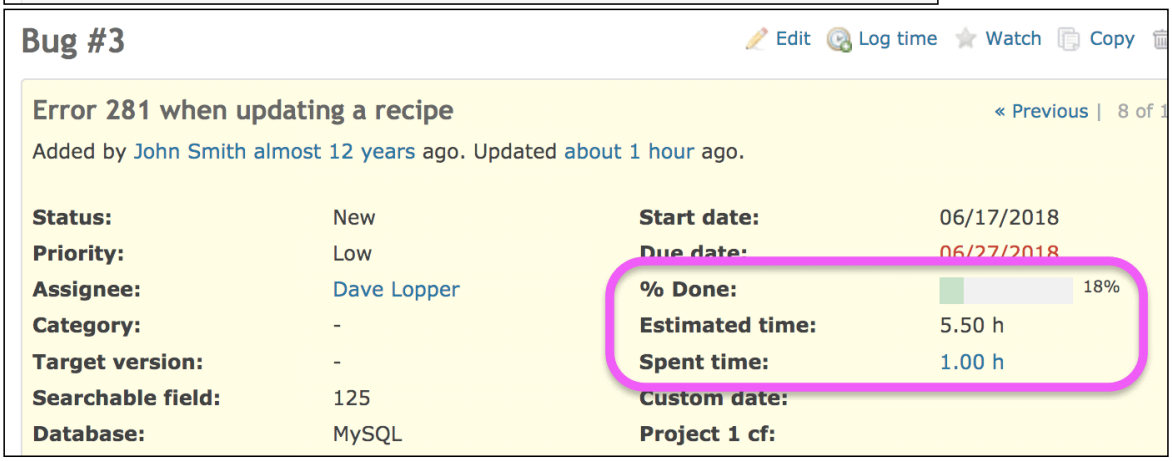
#15 - 2018-07-14 05:57 - Go MAEDA

- File settings_issue_done_ratio@2x.png added

- File calculated-done-ratio@2x.png added

Screenshots of 0001-Calculate-done_ratio-based-on-logged-time.patch.





#16 - 2018-07-14 06:55 - Go MAEDA

There are many similar requests: #952, #3719, #7545, #11999, #12762, #27965

#17 - 2018-07-14 07:32 - Go MAEDA

- Related to Feature #24277: Introducing Remaining Time field as method to track the remaining time to complete an issue added

#18 - 2018-07-14 11:07 - Marius BĂLTEANU

I would like to discuss the implementation of #24277 instead of this feature because I found it more complete and flexible for the users and also, it incorporates this functionality by default.

#19 - 2018-07-16 17:41 - Go MAEDA

I think the proposed feature is appropriate to say "% spent" rather than "% done".And it shows strange "% done" value for closed issues in some

circumstances. Suppose that a person finished an issue in 5 hours, and the issue was estimated to take 10 hours. The person finished the issue ahead of schedule but the closed issue shows that "% done" is 50%.

#20 - 2018-07-17 11:15 - Gregor Schmidt

Thank you for your feedback:

Marius Ionescu BALTEANU: Thank you for pointing out #24277. I think it's a nice addition. My main goal was to keep this issue here alive, so that people are able to use the feature eventually.

@Go MAEDA: I think, one may argue both ways. Yes it's weird, that the issue is less than 100 % done, but closed already. On the other hand, this may be seen as a simple indicator, that you've stayed below budget.

In the end, I think Redmine should be consistent. Since the fields are also not set to 100 % when closing an issue with the "use the issue field" setting, I think it's expected to handle it the same way with this new setting. The status is only taken into account, when selecting "Use the issue status".

Files

0001-patch.diff	23 KB	2013-03-08	Holger Just
issue-13400-trunk-r9702.diff	6.7 KB	2013-08-03	Toshi MARUYAMA
issue-13400-trunk-r12075.diff	7.09 KB	2013-08-03	Toshi MARUYAMA
0001-Calculate-done_ratio-based-on-logged-time.patch	12.2 KB	2018-07-12	Gregor Schmidt
settings_issue_done_ratio@2x.png	48.8 KB	2018-07-14	Go MAEDA
calculated-done-ratio@2x.png	40.5 KB	2018-07-14	Go MAEDA