Redmine - Feature #2139

Roadmap: use estimated time for calculating progress

2008-11-06 11:09 - Toni Kerschbaum

Status:	Closed	**Start date:**	2008-11-06
Priority:	Normal	**Due date:**	
Assignee:		**% Done:**	100%
Category:	Roadmap	**Estimated time:**	0.00 hour
Target version:			
Resolution:	Fixed		

Description

The progress for an item (version) is not calculated correctly.
Currently, the progress seems to be calculated by

```
number of closed tickets
------------------------ * 100 = progress [%]
number of tickets overall
```

This is not really correct, since tickets (can) have an estimated time and should be weighted accordingly, e.g.

```
overall time of closed tickets
----------------------------- * 100 = progress [%]
 overall time of all tickets
```

Of course, this concludes that every ticket has an estimated time entry.
Therefore estimated time has to be a mandatory field, or tickets without an estimated time would have to be excluded from the calculation.
Nevertheless, I think this is a more correct ansatz for calculating the current progress of a project.

Related issues:

Related to Redmine - Feature #2182: Weighted version completion percentage	**Closed**	**2008-11-13**

History

#1 - 2008-11-06 20:23 - Eric Davis

Toni Kerschbaum wrote:

> The progress for an item (version) is not calculated correctly.

I use a custom formula similar to this where progress is the weighted average of the estimated time.

> Of course, this concludes that every ticket has an estimated time entry.
> Therefore estimated time has to be a mandatory field, or tickets without an estimated time would have to be excluded from the calculation.
> Nevertheless, I think this is a more correct ansatz for calculating the current progress of a project.

I would disagree with forcing this conclusion. Some projects don't use estiamted time but still need to show progress (redmine.org is a prime example, open source projects are other examples). Making this a system option (or even a project option) might work:

- Use issue count for progress
- Use issue time estimates for progress

#2 - 2008-11-08 12:00 - Toni Kerschbaum

Eric Davis wrote:

> I use a custom formula similar to this where progress is the weighted average of the estimated time.

Could you please post your formula and describe implementation? Is there a patch for this?

> I would disagree with forcing this conclusion. Some projects don't use estiamted time but still need to show progress (redmine.org is a prime example, open source projects are other examples). Making this a system option (or even a project option) might work:

- Use issue count for progress
- Use issue time estimates for progress

I had that idea too, but somehow forgot to mention that ;) It would make for a nice and clean solution, I think!

#3 - 2008-11-08 16:58 - Jean-Philippe Lang

- Tracker changed from Defect to Feature

#4 - 2008-11-08 16:59 - Jean-Philippe Lang

- Subject changed from Roadmap: Progress is calculated incorrectly to Roadmap: use estimated for calculating progress

#5 - 2008-11-08 16:59 - Jean-Philippe Lang

- Subject changed from Roadmap: use estimated for calculating progress to Roadmap: use estimated time for calculating progress

#6 - 2008-11-13 22:25 - Eric Davis

I just posted the formula I use to issue 2182

#7 - 2009-11-23 00:03 - Mischa The Evil

- Category changed from Time tracking to Roadmap

Toni Kerschbaum wrote:

> [...]

Toni, can you let us know if the changes for issue #2182 in r2349 suffice your initial issue? Ifso, please resolve this issue upon it can be closed...

#8 - 2009-11-23 00:40 - Toni Kerschbaum

- Status changed from New to Resolved

- % Done changed from 0 to 100

Yes, they do. Thanks for your support!

#9 - 2009-11-23 01:31 - Mischa The Evil

- Status changed from Resolved to Closed

- Resolution set to Fixed

Fixed in current trunk (which will become version 0.9.0) for related issue #2182.