

## Redmine - Patch #1671

### Show a breakdown of estimated/spent/remaining time for a version

2008-07-21 19:27 - Artem Vasiliev

|                        |                                  |                        |            |
|------------------------|----------------------------------|------------------------|------------|
| <b>Status:</b>         | New                              | <b>Start date:</b>     | 2008-07-21 |
| <b>Priority:</b>       | Normal                           | <b>Due date:</b>       |            |
| <b>Assignee:</b>       | Mischa The Evil                  | <b>% Done:</b>         | 0%         |
| <b>Category:</b>       | Time tracking                    | <b>Estimated time:</b> | 0.00 hour  |
| <b>Target version:</b> | Candidate for next major release |                        |            |

#### Description

It adds time metrics to Version page (click on Roadmap page, then on version link to get there). We made it to help us plan future releases and better control in-progress ones.

What it does (see attached screenshot for example):

- Remaining time above shows sum of issues' unspent estimates;
- Total is Remaining + Spent, i.e. what time the version is going to take currently;
- In Issue metrics box below it adds Time progress showing Spent vs. Total, and exact values for Estimate, Spent and Remaining times for given category;
- Issue metrics previously didn't show data for issues having chosen attribute not assigned. This is fixed here, see that [Not Assigned] group in screenshot;
- Drill-through links from Issue metrics box didn't show closed issues, this is fixed here.

Tests are included, translations are made for English and Russian, English stubs are made for other languages.

The patch is made against Redmine trunk [r1682](#). It can be considered as solution to [#1561](#).

Contributed by Texuna Technologies company.

#### Related issues:

|  |               |                   |
|--|---------------|-------------------|
| Related to Redmine - Feature #2587: Improvement of built-in issue reports in ... | <b>Closed</b> | <b>2009-01-26</b> |
| Related to Redmine - Feature #371: Show time tracking in the changelog/roadmap   | <b>New</b>    |                   |
| Related to Redmine - Defect #8106: Issues by Category should show tasks witho... | <b>Closed</b> | <b>2011-04-08</b> |
| Related to Redmine - Feature #12220: Time tracking countdown                     | <b>New</b>    |                   |
| Related to Redmine - Feature #13099: Issue Summary: add statistics about issu... | <b>Closed</b> |                   |
| Related to Redmine - Feature #24277: Introducing Remaining Time field as meth... | <b>New</b>    |                   |

#### History

##### #1 - 2008-07-21 19:28 - Artem Vasiliev

- File `version_times.patch` added

##### #2 - 2008-07-21 19:59 - Eric Davis

Looks like the content of `test/unit/version_test.rb` is duplicated several times in the patch.

##### #3 - 2008-07-22 11:04 - Artem Vasiliev

- File `version_times.patch` added

##### #4 - 2008-07-22 11:05 - Artem Vasiliev

Eric Davis wrote:

Looks like the content of `test/unit/version_test.rb` is duplicated several times in the patch.

Yes, right, occasionally `version_test.rb` contained the same class several times. Attached fixed version.

##### #5 - 2008-09-05 10:24 - Artem Vasiliev

Updated with

[http://github.com/artemv/redmine\\_t/commit/63d2bca24fbc56c44ab9d8cc49cf5bab1cd1af9c](http://github.com/artemv/redmine_t/commit/63d2bca24fbc56c44ab9d8cc49cf5bab1cd1af9c):

It introduces 'development complete' flag for issue status. Remaining time is now calculated as  $\max(\text{estimated} - \text{spent}, 0)$  only for open issues that are not in 'development complete' status (we have only Resolved as such).

**#6 - 2008-09-05 10:25 - Artem Vasiliev**

Artem Vasiliev wrote:

Updated with  
[http://github.com/artemv/redmine\\_tt/commit/63d2bca24fbc56c44ab9d8cc49cf5bab1cd1af9c](http://github.com/artemv/redmine_tt/commit/63d2bca24fbc56c44ab9d8cc49cf5bab1cd1af9c):

+ test fix for this: [http://github.com/artemv/redmine\\_tt/commit/c5f25baf252685b7e5fa322ecc623b4024d10bc6](http://github.com/artemv/redmine_tt/commit/c5f25baf252685b7e5fa322ecc623b4024d10bc6)

**#7 - 2008-09-05 10:27 - Artem Vasiliev**

Updated with  
[http://github.com/artemv/redmine\\_tt/commit/2f53878ce1f51cd5c797eaa8a98e6ed327e13b96](http://github.com/artemv/redmine_tt/commit/2f53878ce1f51cd5c797eaa8a98e6ed327e13b96)

Version page: show not estimated (undone) issues count.  
Count is a link that leads to relevant issues list.  
For this 2 new filter operators added for status: 'done' (which is closed or 'development complete') and 'undone'.

**#8 - 2008-09-05 10:32 - Artem Vasiliev**

- File *version\_times.png* added

**#9 - 2008-09-09 19:52 - Weverton Morais**

Will these changes be done on RedMine official next version?

**#10 - 2008-09-10 10:02 - Artem Vasiliev**

Weverton Morais wrote:

Will these changes be done on RedMine official next version?

Not sure about it. But you could use version at [http://github.com/artemv/redmine\\_tt/tree/master](http://github.com/artemv/redmine_tt/tree/master) - it has 'download' button for getting zip. I'm keeping it in sync with Redmine's trunk.

**#11 - 2009-01-26 01:36 - Eric Davis**

Artem Vasiliev wrote:

Not sure about it. But you could use version at [http://github.com/artemv/redmine\\_tt/tree/master](http://github.com/artemv/redmine_tt/tree/master) - it has 'download' button for getting zip. I'm keeping it in sync with Redmine's trunk.

Artem Vasiliev, any chance you can break your custom features into separate branches for me? Then I can pull them into the core and you wouldn't have to merge them anymore. Right now I get a list of all your changes with no way to pick out single features.

**#12 - 2009-01-26 08:14 - Artem Vasiliev**

Eric Davis wrote:

Artem Vasiliev, any chance you can break your custom features into separate branches for me? Then I can pull them into the core and you wouldn't have to merge them anymore. Right now I get a list of all your changes with no way to pick out single features.

Hi Eric!

I think I could do that on feature-by-feature basis. E.g. you ask me to make individual branch for this ([#1671](#)) ticket and I do it. Ok? Please note that I'll have much less time for Redmine starting from next week (02/02), so better start on this week.

Best regards,  
Artem

**#13 - 2009-04-16 10:50 - Javier Barroso**

Hi,

We are interesting in using redmine\_tt fork, but I have questions ...

How can we apply your redmine\_tt diff into redmine ?  
Is there any plan to integrate in trunk ?  
Is it just integrated ?

Thank you

**#14 - 2009-04-16 12:29 - Artem Vasiliev**

Hi Javier!

Well you see, there's [redmine\\_tt](#) fork at GitHub. This is Redmine + our changes, so you can install it from beginning and work with it, or begin with plain Redmine and then switch to redmine\_tt keeping the same database.

Redmine is a big project and process of integrating community's changes is not easy, and there are no plans integrating redmine\_tt's changes to upstream AFAIK. And I'm not a Redmine core member after all )  
But, redmine\_tt can be upgraded time to time to merge changes from upstream thanks to Git's distributed nature. You can do it yourself, too: just make a fork from redmine\_tt and do what you want.

Best regards,  
Artem

Javier Barroso wrote:

Hi,

We are interesting in using redmine\_tt fork, but I have questions ...

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Thank you

**#15 - 2010-03-05 21:11 - mythos mint**

This is great. I'm wondering, is there a way to modify this so I show the remaining time per month under "**Projects->Overview->Details**" (*redmine/projects/project\_name/timelog/details*) ?

This is what I want: In March I have **20 hours** dedicated to Project X. It already totals how many hours spent in the project from the issues. I just want to show how many hours are remaining that month.

**#16 - 2010-03-05 21:20 - mythos mint**

It wouldn't let me upload an image, so I put it here @ <http://i48.tinypic.com/s2fpdi.jpg>

**#17 - 2011-08-22 15:59 - Jérôme BATAILLE**

Hi Artem, we are developping almost the same feature,  
Have you worked on branches on your Github repository ?

**#18 - 2011-08-22 23:19 - Terence Mill**

+1 for core integration

**#19 - 2011-10-14 10:32 - fake plastic tree**

+1 for core integration

or at least a patch file for redmine 1.2.1

Is anyone working on this?

**#20 - 2011-10-18 20:17 - Mischa The Evil**

- Assignee set to Mischa The Evil

This is one of my favorite issues too. I'll see if I can port the patches to a current checkout of the Redmine trunk (upcoming Redmine [1.3.0](#)).

**#21 - 2014-05-15 14:52 - P S**

- File *version\_times\_251.diff* added

I port this patch to Redmine 2.5.1  
To apply patch download Redmine 2.5.1 and exec cmd

```
patch -p0 < version_times_251.diff
```

**#22 - 2015-04-19 21:14 - Benoit Duffez**

Is it patchable over Redmine 3.0.x?

**#23 - 2015-12-15 17:06 - Ben Quinn**

- *File version\_times\_320.diff added*

Updated the patch from P S for redmine 2.5.1 to work with redmine 3.2.0.

**#24 - 2015-12-16 00:55 - Go MAEDA**

- *Target version set to Candidate for next major release*

**#25 - 2018-02-25 17:44 - Marius BĂLTEANU**

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

**#26 - 2023-11-25 08:51 - pasquale [:dedalus]**

[Marius BĂLTEANU](#) [Go MAEDA](#)

Could this ticket be included in the activities planned for version 6.0?

**#27 - 2024-05-02 23:27 - Marius BĂLTEANU**

I attached a patch to [#37862](#) that brings the Estimated remaining time information in version page. Please take a look.

**Files**

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|                        |         |            |                |
|------------------------|---------|------------|----------------|
| version_times.png      | 35.5 KB | 2008-07-21 | Artem Vasiliev |
| version_times.patch    | 52.2 KB | 2008-07-21 | Artem Vasiliev |
| version_times.patch    | 45.1 KB | 2008-07-22 | Artem Vasiliev |
| version_times.png      | 87.5 KB | 2008-09-05 | Artem Vasiliev |
| version_times_251.diff | 15.5 KB | 2014-05-15 | P S            |
| version_times_320.diff | 14.1 KB | 2015-12-15 | Ben Quinn      |