

Redmine - Feature #1561

Totals for estimated/spent time and numeric custom fields on the issue list

2008-07-02 12:16 - Ewan Makepeace

Status:	Closed	Start date:	2008-07-02
Priority:	Normal	Due date:	
Assignee:	Jean-Philippe Lang	% Done:	0%
Category:	Issues	Estimated time:	0.00 hour
Target version:	3.2.0		
Resolution:	Fixed		
Description <p>I am constantly juggling tasks to try and assign each developer approximately the correct number of tasks for the months sprint, counting up how many tasks are outstanding for the next release and counting how many man days have been completed by each developer for bonus purposes. In redmine this involves manually adding up the estimated time values for each task in a list, which gets tedious and error prone.</p> <p>I would like to request a total row on issues lists when estimated time column is shown.</p> <p>Ideally I would also like a subtotal for each value in the sorted column (typically sorted by assigned to, so a subtotal per developer, but could be anything).</p> <p>I suspect I am in a minority with this request but as the number of issues at hand increases I really dont need to be squinting at the screen adding up numbers in my head...</p>			
Related issues:			
Related to Redmine - Patch #2268: Patch to show Total Estimated Time at the b...		Closed	2008-12-03
Related to Redmine - Patch #4776: Totals for Estimated Time		Closed	2010-02-09
Related to Redmine - Feature #6571: Totalise numeric columns		Closed	2010-10-05
Related to Redmine - Feature #8559: Sum columns in reports		Closed	2011-06-07
Related to Redmine - Feature #21413: Totals for custom field with different f...		Closed	
Related to Redmine - Feature #21390: Adjust total values for numeric columns ...		New	
Has duplicate Redmine - Feature #13935: Add cumulative affected time to issue...		Closed	
Has duplicate Redmine - Feature #14384: Add column "spent time" on list issues		Closed	
Has duplicate Redmine - Feature #18263: Group in issue list should provide no...		Closed	
Has duplicate Redmine - Feature #5311: Sums in the grouped task report		Closed	2010-04-14

Associated revisions

Revision 14642 - 2015-10-04 21:42 - Jean-Philippe Lang

Adds options to display totals on the issue list (#1561).

Works for estimated hours, spent hours and any numeric custom field.

Revision 14643 - 2015-10-04 21:43 - Jean-Philippe Lang

Adds :label_total_plural to locales (#1561).

Revision 14644 - 2015-10-05 00:16 - Jean-Philippe Lang

Round totals (#1561).

Revision 14665 - 2015-10-09 11:02 - Jean-Philippe Lang

Display totals for each group on grouped queries (#1561).

Revision 14666 - 2015-10-09 11:02 - Jean-Philippe Lang

Display totals if the PDF export (#1561).

Revision 14667 - 2015-10-09 11:30 - Jean-Philippe Lang

Workaround for spent time grouped by project (#1561).

Revision 14668 - 2015-10-09 14:44 - Jean-Philippe Lang

Fixes float conversion failures (#1561).

History

#1 - 2008-07-02 22:47 - Boudewijn van Liempd

+1

I would also like to see a sum of the estimated time on certain places. I would also like to use it for planning purposes, although in a slightly different way. We do not use redmine solely for software projects but also to plan issues where we know upfront how many hours it is going to take.

It would be nice to have also in the gantt chart, e.g. see the total estimated hours per day (using the starting day to show the number).

#2 - 2008-07-08 15:06 - Anna Labinskaya

+1

We also need an aggregated report on estimated time. Maybe this could be built by extending the report on Spent time? Or as a separate report -- it would be helpful too.

BTW, it would also be useful to see a number of issues not yet estimated. It could be a link to a list of such issues.

#3 - 2008-07-08 16:14 - Michael Pirogov

- *File timeplan.png added*

Hi there :-)

I'm working on plugin, which maybe would get your attention.

It's based on timesheet plugin (by E. Devis), but it's AJAX powered and have some more features against estimated time tracking.

The goal is to get a helper for a visual office-planning.

Sorry, I don't have much time on it, so it's not fully translated for now, no gantt and has some lags/bugs/craps and so on...

But you can take a look on a screenshot, I've attached.

Hope, it'll be done ASAP.

Basic feature is a split hours by days. If there's no estimated time specified, then fulltime is counted (6 hours per day ;-)).

#4 - 2008-07-08 18:47 - Anna Labinskaya

Hi Michael!

Thanks for the screenshot. Looks promising to me.

Actually we are also interested in a breakdown of remaining time (which is a sum of estimates minus spent time for all non-closed tickets) by Category, developer, etc. The % Done bar shown on your screenshot isn't quite an indication (to us) of the remaining time (just with our process we are used to) as the % Done field is set manually rather than gets calculated automatically based on estimated and spent time for an issue.

Understand that it's a question of preferences/selected process -- how to record progress. What's currently implemented in Redmine is recording progress by manually setting the % Done. And the spent time logging/reporting is sort of additional. We in our case are more for updating the estimate field instead -- when we see that the remaining time shown in our planning tool isn't sufficient to complete the task. Just we are used to the XPlanner's model for time metrics :-)

#5 - 2008-07-21 17:22 - Eric Davis

Michael Pirogov wrote:

I'm working on plugin, which maybe would get your attention.

It's based on timesheet plugin (by E. Devis), but it's AJAX powered and have some more features against estimated time tracking.

Micheal, do you have a public code repository for this plugin? I could lend a development hand or two.

Anna Labinskaya wrote:

Actually we are also interested in a breakdown of remaining time (which is a sum of estimates minus spent time for all non-closed tickets) by Category, developer, etc.

I've been wanting to build a plugin that would show estimate progress for a project. It would use progress bars and would "fill up" as time is spent

towards an estimate. I think it should also change colors from green to yellow to red as the time spent reaches and surpasses an estimate.

#6 - 2008-07-21 19:08 - Anna Labinskaya

- File *time-breakdown.PNG* added

Eric Davis wrote:

I've been wanting to build a plugin that would show estimate progress for a project. It would use progress bars and would "fill up" as time is spent towards an estimate. I think it should also change colors from green to yellow to red as the time spent reaches and surpasses an estimate.

Guys, take a look at our version (implemented by Artem Vasiliev, he's going to submit a patch soon today): *time-breakdown.PNG*

It's an extension to the existing Version (milestone) screen and shows aggregate time metrics in addition to the numbers of issues. Remaining time is Estimated minus Spent for all open issues.

Eric, changing colors would be nice.

#7 - 2008-07-21 19:34 - Artem Vasiliev

Anna Labinskaya wrote:

Guys, take a look at our version (implemented by Artem Vasiliev, he's going to submit a patch soon today): *time-breakdown.PNG*

Here it is: [#1671](#)

Please take a look :)

#8 - 2008-12-03 03:47 - Ewan Makepeace

We ended up coding a simple total for estimated time of visible issues (see attached). If there is interest will upload as a patch.

#9 - 2008-12-03 03:47 - Ewan Makepeace

- File *Picture_1.jpg* added

Ewan Makepeace wrote:

We ended up coding a simple total for estimated time of visible issues (see attached). If there is interest will upload as a patch.

#10 - 2008-12-03 04:55 - Ewan Makepeace

Patch filed here: [#2268](#)

#11 - 2009-01-19 06:42 - Ewan Makepeace

- File *Screenshot_10.jpg* added

We are now patching the issue summary report to show both issue count and total estimated time. If you look at the attached screenshot you will see how one this appears - it is very useful to quickly see where effort should be focussed, where issue count is less useful.

If others are interested will post this is a patch.

#12 - 2009-01-19 06:48 - Ewan Makepeace

- File *Screenshot_11.jpg* added

Sorry - wrong screenshot!

#13 - 2009-02-09 10:23 - Vladimir Oleynik

Michael Pirogov wrote:

I'm working on plugin, which maybe would get your attention.

Michael, have you finished that timeplan plugin?
the screen mockup you uploaded is pretty nice, but failed to find any plugin/patch to get such screen. (I don't need it translated).

#14 - 2011-10-26 06:13 - Mischa The Evil

As mentioned the first time by Tony Marschall in [#8559 note-4](#), there exists a plugin which provides (parts of) this feature (along with some others): [Redmine spent time column](#). It's written by Jan Schulz-Hofen of plan.io.

I've started working on some improvements to make it better suitable for this issue in my fork of it: https://github.com/MischaTheEvil/redmine_spent_time_column

#15 - 2015-10-04 21:43 - Jean-Philippe Lang

- Category changed from UI to Issues
- Assignee set to Jean-Philippe Lang
- Target version set to 3.2.0

#16 - 2015-10-04 21:46 - Jean-Philippe Lang

[r14642](#) makes it possible to display totals for estimated hours, spent hours and any numeric custom field. Totals that are displayed by default can be configured in the application settings.

#17 - 2015-10-04 23:05 - Sebastian Paluch

Jean-Philippe Lang wrote:

[r14642](#) makes it possible to display totals for estimated hours, spent hours and any numeric custom field. Totals that are displayed by default can be configured in the application settings.

That is awesome! Will it work also for grouped queries? Will it show totals for each group and for entire query?

#18 - 2015-10-05 00:25 - Jean-Philippe Lang

Will it show totals for each group

Not implemented yet but it should be done soon.

#19 - 2015-10-09 11:11 - Jean-Philippe Lang

- File *totals.png* added

Totals for groups are now added, including in the PDF export as well. Here is the final result:

The screenshot shows the Redmine query results interface. At the top, there's a dropdown menu for 'Group results by' set to 'Tracker'. Below it, there are checkboxes for 'Show' (Description) and 'Totals' (Estimated time, Spent time, Integer CF, Float CF). The 'Estimated time' and 'Spent time' checkboxes are checked. Below the checkboxes, there are buttons for 'Apply', 'Clear', and 'Save'. To the right, the totals are displayed: 'Estimated time: 79.90' and 'Spent time: 39.50'. Below this, there's a table with columns: '#', 'Tracker', 'Priority', and 'Subject'. The table has a header row and three data rows. The first data row is a summary row for 'Defect' with 17 items, showing 'Estimated time: 56.30' and 'Spent time: 15.50'. The second data row is for issue 17163, 'Defect', 'Normal', with subject 'Files assigned to a version can not be deleted if Issue Tracking module is disabled'. The third data row is for issue 16422, 'Defect', 'Normal', with subject 'In attachment.rb thumbnail function could not return target correct'. The fourth data row is for issue 15694, 'Defect', 'Normal', with subject 'Error while uploading attachments'.

#	Tracker	Priority	Subject
17	Defect		Estimated time: 56.30 Spent time: 15.50
17163	Defect	Normal	Files assigned to a version can not be deleted if Issue Tracking module is disabled
16422	Defect	Normal	In attachment.rb thumbnail function could not return target correct
15694	Defect	Normal	Error while uploading attachments

There's still an issue with queries grouped by projects because of this: <https://github.com/rails/rails/issues/21922>

#20 - 2015-10-09 11:31 - Jean-Philippe Lang

- Subject changed from Please provide totals for the estimated time column to Totals for estimated/spent time and numeric custom fields on the issue list
- Status changed from New to Closed
- Resolution set to Fixed

Jean-Philippe Lang wrote:

There's still an issue with queries grouped by projects because of this: <https://github.com/rails/rails/issues/21922>

Workaround applied in [r14667](#).

#21 - 2015-12-01 14:27 - Sebastian Paluch

The feature is very, very useful but after working with it for a while it seems that it would be more practical if total values would show up under right columns instead single summary line. It would be much more readable. I have added [#21390](#) to track it separately.

#22 - 2015-12-05 11:01 - Jean-Philippe Lang

- Related to Feature #21413: Totals for custom field with different field format added

#23 - 2015-12-30 11:52 - Toshi MARUYAMA

- Related to Feature #21390: Adjust total values for numeric columns layout to match columns added

#24 - 2016-01-04 12:01 - Go MAEDA

- Has duplicate Feature #13935: Add cumulative affected time to issue list view added

#25 - 2016-01-10 03:11 - Go MAEDA

- Has duplicate Feature #14384: Add column "spent time" on list issues added

#26 - 2016-08-21 02:52 - Go MAEDA

- Has duplicate Feature #18263: Group in issue list should provide no. of estimated time vs spent time besides just providing total issues added

#27 - 2020-03-05 00:32 - Go MAEDA

- Has duplicate Feature #5311: Sums in the grouped task report added

Files

timeplan.png	133 KB	2008-07-08	Michael Pirogov
time-breakdown.PNG	33.7 KB	2008-07-21	Anna Labinskaya
Picture_1.jpg	28.2 KB	2008-12-03	Ewan Makepeace
Screenshot_10.jpg	23.2 KB	2009-01-19	Ewan Makepeace
Screenshot_11.jpg	88.1 KB	2009-01-19	Ewan Makepeace
totals.png	44.1 KB	2015-10-09	Jean-Philippe Lang