

Redmine - Patch #2268

Patch to show Total Estimated Time at the bottom of each list of issues.

2008-12-03 04:55 - Ewan Makepeace

Status:	Closed	Start date:	2008-12-03
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Time tracking	Estimated time:	0.00 hour
Target version:			
Description			
Provides a total of estimated time for all the issues in a list, like this: Picture_1.jpg			
Not totally certain this is the correct file format and naming - first try at uploading a patch.			
Related issues:			
Related to Redmine - Feature #1561: Totals for estimated/spent time and numer...		Closed	2008-07-02
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
Has duplicate Redmine - Feature #1374: Estimated hours sum in query listing		Closed	2008-06-04
Precedes Redmine - Patch #4776: Totals for Estimated Time		Closed	2010-02-09

History

#1 - 2008-12-10 02:02 - Eric Davis

The patch is a good start and is in the correct format. There are a couple of improvements:

- Using send isn't necessary. issue.estimated_hours would work
- Some unit tests would be helpful

Another improvement would be to replace the entire loop with:

```
@issues.collect(&:estimated_hours).reject {|hours| hours.nil?}.sum
```

#2 - 2008-12-10 13:47 - Jean-Philippe Lang

Or:

```
@issues.collect(&:estimated_hours).compact.sum
```

But the problem is that it calculates the total for the issues that are displayed only. If the issue list has more than one page, this is a partial sum.

If we really want to add this feature, we'd better do a query to sum the estimated hours of all the filtered issues. IMHO, it makes more sense.

Adding something like this to the controller should almost work (not tested):

```
@estimated = Issue.sum :estimated_hours,
                      :include => [ :status, :project ],
                      :conditions => @query.statement
```

#3 - 2008-12-10 17:33 - Eric Davis

Jean-Philippe Lang wrote:

But the problem is that it calculates the total for the issues that are displayed only. If the issue list has more than one page, this is a partial sum.

Opps, I thought that was what the feature was for "xxx time in the list"

#4 - 2008-12-26 23:50 - Eric Davis

- Status changed from New to 7
- Assignee set to Eric Davis

I've got a working patch for this feature, I'll commit it soon.

#5 - 2009-01-08 09:55 - Ewan Makepeace

Adding up the total estimated time for all issues (visible or not) might be dangerous - what if we click "All Issues" on a big database with thousands of issues - will they all be loaded into memory in order to sum their estimated time (unsure whether Active Record does this in memory or is smart and just calls "Select sum(EstimatedTime) from ..." ect).

I use the original patch daily and am very happy with it - if it is to be improved I would rather see subtotals for each discrete value in the sorted column before grand totals for all records.

#6 - 2009-01-09 22:14 - Eric Davis

Ewan Makepeace: Good thinking. Active Record does it as a single SUM query so it should be fine.

```
SQL (0.000110) SELECT sum(`issues`.estimated_hours) AS sum_estimated_hours FROM `issues` LEFT OUTER JOIN `issue_statuses` ON `issue_statuses`.id = `issues`.status_id LEFT OUTER JOIN `projects` ON `projects`.id = `issues`.project_id WHERE ((issue_statuses.is_closed=0) AND ((projects.status=1 AND EXISTS (SELECT em.id FROM enabled_modules em WHERE em.name='issue_tracking' AND em.project_id=projects.id)) AND (1=0 OR projects.is_public = 1)))
```

#7 - 2009-01-10 00:45 - Jean-Philippe Lang

Ewan Makepeace wrote:

Adding up the total estimated time for all issues (visible or not) might be dangerous - what if we click "All Issues" on a big database with thousands of issues - will they all be loaded into memory in order to sum their estimated time (unsure whether Active Record does this in memory or is smart and just calls "Select sum(EstimatedTime) from ..." ect).

I wouldn't have submitted such code if I was unsure of what Issue.sum does.

#8 - 2010-10-25 17:02 - Eric Davis

- Assignee deleted (Eric Davis)

#9 - 2010-10-25 22:49 - Ewan Makepeace

- File times.jpg added

Eric, we are still using a version of this patch today (some changes since the first version I think). It gives us issue count and total estimated time per group plus page and query totals of estimated time:

times.jpg
Let me know if any interest in our current patch.

#10 - 2010-11-22 10:55 - Victor Sergienko

Hi Evan,
Can you please share your patch in some way? I'd like to have it very much.
Thanks!

#11 - 2011-03-03 14:28 - Etienne Massip

- Category changed from Issues to Time tracking

#12 - 2011-04-29 02:16 - Ewan Makepeace

Victor See here: [#4776](#)

#13 - 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

#14 - 2013-01-13 21:04 - Jean-Philippe Lang

- Status changed from 7 to New

Assigned issue with no assignee back to New status.

#15 - 2014-09-11 21:09 - Sergey W

are there solutions for redmine 2.5 ?

#16 - 2015-01-29 13:51 - Henry Auffahrt

[Mischa The Evil](#) The Evil,
as i see i can not install your fork of the plugin, maybe because we use redmine 2.6.1???

@all
This would be an awesome feature for us! We want to use our redmine system for our capacity planning. This would improve our work enormously :)

#17 - 2015-04-27 12:05 - Anonymous

- File `total_estimated_hour_2_6_4.diff` added
- File `total_estimated_hour_2_6_4.sql` added

Hi All,

This patch is work on redmine 2.6.4.

Regards

#18 - 2015-04-27 15:07 - Ewan Makepeace

To clarify - the previous post by Muhammad Azmi contains the current version of our patches to show estimated time totals on groups and at the foot of pages as originally described.

#19 - 2015-05-04 10:05 - Anonymous

- File `total_estimated_hour_2_6_4_edited.diff` added

Please use this patch rather than previous, I have cleaned up the patch more correctly.

#20 - 2015-12-27 05:34 - Toshi MARUYAMA

- Status changed from New to Closed

Fixed by [#1561](#).

Files			
total_estimated_hour.diff	991 Bytes	2008-12-03	Ewan Makepeace
times.jpg	66.5 KB	2010-10-25	Ewan Makepeace
total_estimated_hour_2_6_4.sql	64 Bytes	2015-04-27	Anonymous
total_estimated_hour_2_6_4.diff	37.2 KB	2015-04-27	Anonymous
total_estimated_hour_2_6_4_edited.diff	12.7 KB	2015-05-04	Anonymous