Redmine - Patch #14740
display decimals hours only if fractional

2013-08-21 17:28 - Jérôme BATAILLE

Status:	New		Start date:	
Priority:	Normal		Due date:	
Assignee:			% Done:	0%
Category:	Time tracking		Estimated time:	0.00 hour
Target version:				

Description

4 hours could be displayed **4 hours**

4.5 hours will still be displayed **4.50 hours**

History

#1 - 2013-08-21 17:31 - Jérôme BATAILLE

- File RM_14740_display_hours_decimals_only_if_fractional.diff added

here is the patch

#2 - 2013-08-22 15:28 - Daniel Felix

- File RM_14740_display_hours_decimals_only_if_fractional_alternative.diff added

Hi Jérôme,

what do you think about a shorter notation for this. This would improve the read through. But well, maybe just my opinion. :-)

Maybe this thing could be enhanced to solve the sometimes requested format like 4h 30m instead of 4.5h.

#3 - 2013-08-26 17:31 - Jérôme BATAILLE

> *what do you think about a shorter notation for this. This would improve the read through. But well, maybe just my opinion. :-)*

Your code enhancement is quite OK for me !

> *Maybe this thing could be enhanced to solve the sometimes requested format like 4h 30m instead of 4.5h.*

Could it have side effects ?

For example, I know that sometimes, we copy samples of data directly from the html page and insert it in an excel file to make sorts and filters. More human readable formats like you propose can be more user friendly, but perhaps it can disturb such operations.

I don't know if in recent Redmine versions, there are still cases where exports miss some informations, that we can get by copying html.

Besides, perhaps the hours display format can be configurable in the user profile, to give the possibility to manage any use case ?

#4 - 2014-05-14 16:31 - Jérôme BATAILLE

Hi Daniel,

In the enhancement you provided there is a little glitch because, you compare 2.0 with hours casted as a string.

Is there is a chance that this patch is integrated to the core ?

#5 - 2014-06-13 02:23 - Toshi MARUYAMA

Jérôme BATAILLE wrote:

> *Is there is a chance that this patch is integrated to the core ?*

Please add tests.
source:trunk/test/unit/lib/redmine/i18n_test.rb

#6 - 2014-06-13 19:24 - Jérôme BATAILLE
- File RM_14740_display_hours_decimals_only_if_fractional_V2.diff added
- File RM_14740_display_hours_decimals_only_if_fractional_V2_tests.diff added

Here is a new version that fixes the following case :
Input **5.001**
=> **5.00 hours** was displayed.

Now it displays **5 hours** because hours are rounded to 2 decimals.

The second patch adds comprehensive tests.

To test them alone :
ruby -I"lib:test" test/unit/lib/redmine/i18n_test.rb -n test_localize_hours_truncate_decimals_if_integer
ruby -I"lib:test" test/unit/lib/redmine/i18n_test.rb -n test_localize_negative_hours

#7 - 2014-12-04 14:23 - Jérôme BATAILLE

Now that we have provided a patch for the tests, any chance that this patch is integrated to the core ?

Files

RM_14740_display_hours_decimals_only_if_fractional.diff	639 Bytes	2013-08-21	Jérôme BATAILLE
RM_14740_display_hours_decimals_only_if_fractional_alternative.diff	564 Bytes	2013-08-22	Daniel Felix
RM_14740_display_hours_decimals_only_if_fractional_V2.diff	771 Bytes	2014-06-13	Jérôme BATAILLE
RM_14740_display_hours_decimals_only_if_fractional_V2_tests.diff	1.34 KB	2014-06-13	Jérôme BATAILLE