

Redmine - Defect #12510

Issues PDF export: Spent time/Float-values aren't rounded to 2 digits

2012-12-05 11:39 - Luboš Schrámek

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Go MAEDA	% Done:	0%
Category:	PDF export	Estimated time:	0.00 hour
Target version:	4.0.0	Affected version:	2.6.0
Resolution:	Fixed		
Description			
Hello,			
How to simulate problem?			
<ul style="list-style-type: none">• add Spent time column to issues• modify Spent time in some issue to 2.45• export table to PDF			
There will be a columns Spent time with 2.45000004768372. I hope there are missing some number format func(), can you please fix this problem? I am making these exports for customers and it looks bad.			
Thanks.			
Related issues:			
Related to Redmine - Defect #13780: Spent hours have excessive flaction in PD...		Closed	
Related to Redmine - Defect #28233: IssuesPdfHelperTest fails when run in iso...		Closed	

Associated revisions

Revision 17059 - 2017-12-06 15:25 - Go MAEDA

Fix: Round floats to 2 digits when rendering an issue list to PDF (#12510).

Patch by Holger Just and Marius BALTEANU.

Revision 17063 - 2017-12-07 12:46 - Toshi MARUYAMA

svn propset svn:eol-style native test/unit/lib/redmine/export/pdf/issues_pdf_test.rb (#12510)

Revision 17065 - 2017-12-07 13:03 - Toshi MARUYAMA

code clean up IssuesPdfHelperTest (#12510)

- remove extra empty lines
- remove trailing white space
- replace tab to two spaces

Revision 17077 - 2017-12-07 15:28 - Toshi MARUYAMA

add copyright header to test/unit/lib/redmine/helpers/url_test.rb (#12510)

Revision 17212 - 2018-02-24 10:26 - Go MAEDA

Add minimal fixture for issues_pdf_test (#12510).

Patch by Gregor Schmidt.

History

#1 - 2012-12-07 07:07 - fangzheng ()

- File export.pdf added

Mark. Waiting for solution.
BTW, this issue doesn't occur on CSV.

#12 - 2013-07-15 20:59 - Filou Centrinov

Please fix this. It's a small fix. ... or make it to a candidate.

#13 - 2013-07-16 08:31 - Etienne Massip

- Status changed from New to Confirmed
- Target version set to Candidate for next minor release

I can confirm the defect although I'm not fond of the patch, is it possible to fix every single float value display at once rather than specific attributes?

Edit: confirmed with MRI 1.9.3

#14 - 2013-08-05 09:55 - David Lukas Müller

+1

For the particular issue I've observed that on Redmine 2.3.1 I had the following time entries:

- 3.50h
- 1.25h
- 0.30h (I think I've entered "0:20")

And that is what I see:

- 5.05 with Web User Interface (HTML) --> **good**
- 5.050000011920929 with PDF-Export --> **should be improved**
- "spent_hours":5.050000011920929 with REST API (JSON) using `http://myhost/redmine/issues/1234.json` --> **should be improved**

#15 - 2013-08-05 12:06 - Toshi MARUYAMA

- File `web-edit.png` added

David Lukas Müller wrote:

- 5.05 with Web User Interface (HTML) --> **good**

Web edit form has same problem.



#16 - 2013-08-05 12:09 - Toshi MARUYAMA

You can see by following change.

```
diff --git a/app/views/issues/_attributes.html.erb b/app/views/issues/_attributes.html.erb
--- a/app/views/issues/_attributes.html.erb
+++ b/app/views/issues/_attributes.html.erb
@@ -63,7 +63,7 @@
 <% end %>

<% if @issue.safe_attribute? 'estimated_hours' %>
-<p><%= f.text_field :estimated_hours, :size => 3, :disabled => !@issue.leaf?, :required => @issue.required_at
tribute?('estimated_hours') %> <%= l(:field_hours) %></p>
+<p><%= f.text_field :estimated_hours, :size => 6, :disabled => !@issue.leaf?, :required => @issue.required_at
tribute?('estimated_hours') %> <%= l(:field_hours) %></p>
<% end %>

<% if @issue.safe_attribute?('done_ratio') && @issue.leaf? && Issue.use_field_for_done_ratio? %>
```

#17 - 2014-10-29 15:35 - Holger Just

- File `0001-Round-floats-to-2-digits-when-rendering-an-issue-lis.patch` added

The attached patch (which was extracted from [Planio](#)) fixes this issue for all float values in table cells. This patch thus addresses the concerns of Etienne above.

The patch works against current trunk but should apply similarly to earlier versions. The used method is the one used in the `QueriesHelper#column_value` method and thus should produce results similar to it.

#18 - 2014-10-29 15:39 - Jan from Planio www.plan.io

- Assignee set to Jean-Baptiste Barth

In case you were still looking for easy fixes :)

#19 - 2014-11-02 23:07 - Jean-Baptiste Barth

- Affected version changed from 2.1.2 to 2.6.0

I do :) First I'll try to add some tests to this part of the code but no pb I'll merge it after.

#20 - 2016-12-19 17:17 - Olivier Houdas

Tested on 3.3.1, still occurs.

#21 - 2017-11-15 14:38 - S. Ruttloff

Problem still exists in Redmine 3.3.2, but could fix it here:
[/lib/redmine/export/pdf/issues_pdf_helper.rb](#)

Search for

```
if value.is_a?(Date)
  format_date(value)
elsif value.is_a?(Time)
  format_time(value)
else
  value
end
```

and replace by

```
if value.is_a?(Date)
  format_date(value)
elsif value.is_a?(Time)
  format_time(value)
elsif value.is_a?(Float)
  sprintf "%.2f", value
else
  value
end
```

#22 - 2017-11-27 01:47 - Marius BĂLTEANU

- File *0001-Round-floats-to-2-digits-when-rendering-an-issue-lis_r17037.patch* added

- File *before.png* added

- File *after.png* added

- Assignee deleted (Jean-Baptiste Barth)

Tested on current trunk ([r17037](#)) and the issue still occurs.

I've updated the patch from Holger Just to apply cleanly. I think that we can fix this issue in the next release.

Before:

before.png

After:

after.png

#23 - 2017-12-05 08:54 - Mischa The Evil

We might want some test coverage added if there isn't any yet, as Jean-Baptiste already suggested.

#24 - 2017-12-05 23:18 - Marius BĂLTEANU

- File *deleted (0001-Round-floats-to-2-digits-when-rendering-an-issue-lis_r17037.patch)*

#25 - 2017-12-05 23:20 - Marius BĂLTEANU

- File 0001-Round-floats-to-2-digits-when-rendering-an-issue-lis_r17055.patch added

Mischa The Evil wrote:

We might want some test coverage added if there isn't any yet, as Jean-Baptiste already suggested.

Attached an updated patch that contains the fix and a test strictly for this scenario. On top of this patch, we can add more tests in the future to improve the coverage.

#26 - 2017-12-06 00:30 - Mischa The Evil

- Subject changed from *Issues PDF export - Spent time to Issues PDF export: Spent time/Float-values aren't rounded to 2 digits.*

- Target version changed from *Candidate for next minor release* to *4.1.0*

Thanks Holger and Marius.

#27 - 2017-12-06 07:43 - Marius BĂLTEANU

- File deleted (*0001-Round-floats-to-2-digits-when-rendering-an-issue-lis_r17055.patch*)

#28 - 2017-12-06 07:43 - Marius BĂLTEANU

- File *0001-Round-floats-to-2-digits-when-rendering-an-issue-lis_r17055.patch* added

I had a typo in my previous patch.

Maybe we can deliver this fix earlier than Redmine 4.

#29 - 2017-12-06 13:30 - Go MAEDA

Marius, thank you for adding a test. But I encountered the following error. Could you look into it?

```
$ ruby test/unit/lib/redmine/export/pdf/issues_pdf_test.rb
Run options: --seed 32491
```

```
# Running:
```

```
F
```

```
Failure:
```

```
IssuesPdfHelperTest#test_fetch_row_values_should_round_float_values [test/unit/lib/redmine/export/pdf/issues_pdf_test.rb:32]:
```

```
--- expected
```

```
+++ actual
```

```
@@ -1 +1 @@
```

```
-"2", "Add ingredients categories", "4.34"]
```

```
+["2", "Add ingredients categories", "0.00"]
```

```
bin/rails test test/unit/lib/redmine/export/pdf/issues_pdf_test.rb:23
```

```
Finished in 0.658523s, 1.5185 runs/s, 1.5185 assertions/s.
```

```
1 runs, 1 assertions, 1 failures, 0 errors, 0 skips
```

#30 - 2017-12-06 14:28 - Marius BĂLTEANU

- File deleted (*0001-Round-floats-to-2-digits-when-rendering-an-issue-lis_r17055.patch*)

#31 - 2017-12-06 14:32 - Marius BĂLTEANU

- File *0001-Round-floats-to-2-digits-when-rendering-an-issue-lis_r17055.patch* added

It should be fine now.

#32 - 2017-12-06 15:31 - Go MAEDA

- Status changed from *Confirmed* to *Closed*

- Assignee set to *Go MAEDA*

- Target version changed from *4.1.0* to *4.0.0*

- Resolution set to *Fixed*

Committed in the trunk ([r17059](#)). Thank you.

#33 - 2017-12-17 06:27 - Toshi MARUYAMA

- Subject changed from *Issues PDF export: Spent time/Float-values aren't rounded to 2 digits.* to *Issues PDF export: Spent time/Float-values aren't rounded to 2 digits*

#34 - 2018-02-22 11:30 - Marius BĂLTEANU

- Related to Defect #28233: *IssuesPdfHelperTest fails when run in isolation* added

#35 - 2018-02-24 10:35 - Go MAEDA

A fix for `issues_pdf_test` was submitted as [#28233](#). I committed the fix in [r17212](#).

Files

<code>export.pdf</code>	311 KB	2012-12-07	fangzheng (方 Zheng)
<code>pdf.patch</code>	436 Bytes	2013-02-12	Filou Centrinov
<code>pdf.rb.patch</code>	531 Bytes	2013-03-06	Filou Centrinov
<code>web-edit.png</code>	4.52 KB	2013-08-05	Toshi MARUYAMA
<code>0001-Round-floats-to-2-digits-when-rendering-an-issue-lis.patch</code>	739 Bytes	2014-10-29	Holger Just
<code>before.png</code>	79.7 KB	2017-11-27	Marius BĂLTEANU
<code>after.png</code>	63.8 KB	2017-11-27	Marius BĂLTEANU
<code>0001-Round-floats-to-2-digits-when-rendering-an-issue-lis_r17055.patch</code>	21 KB	2017-12-06	Marius BĂLTEANU