Redmine - Defect #19017

Wiki PDF Export: <pre> not rendered with monospaced font

2015-02-03 23:44 - Marcel Müller

Status:	Closed	**Start date:**	
Priority:	Normal	**Due date:**	
Assignee:	Toshi MARUYAMA	**% Done:**	0%
Category:	PDF export	**Estimated time:**	0.00 hour
Target version:	3.2.0		
Resolution:		**Affected version:**	2.6.1

Description

In redmine < pre > tags are rendered with a monospaced font. When exporting a wiki with a < pre > element, this element is not rendered with a monospaced font, loosing the intended "formatting".

Simple example:

```
0 => 10
1 => 90
2 =>  1
3 => 16

=> IP: 10.90.1.16
```

Test

0 => 10
1 => 90
2 => 1
3 => 16

=> IP: 10.90.1.16

Associated revisions

Revision 14907 - 2015-12-04 06:42 - Toshi MARUYAMA

pdf: use "family" parameter instead of l(:general_pdf_fontname) at SetFont method (#19017)

Contributed by Jun NAITOH.

Revision 14908 - 2015-12-04 06:42 - Toshi MARUYAMA

pdf: upgrade rbpdf to 1.19.0 (#19017)

Contributed by Jun NAITOH.

Revision 14909 - 2015-12-04 06:43 - Toshi MARUYAMA

pdf: add general_pdf_monospaced_fontname to locales (#19017)

Contributed by Jun NAITOH.

Revision 14910 - 2015-12-04 06:43 - Toshi MARUYAMA

pdf: use l(:general_pdf_monospaced_fontname) (#19017)

Contributed by Jun NAITOH.

Revision 14911 - 2015-12-04 07:50 - Toshi MARUYAMA

revert r14907 (#19017)

r14907 breaks Arabic italic pdf rendering.

Revision 14912 - 2015-12-04 08:29 - Toshi MARUYAMA

Merged r14908, r14909 and r14910 from trunk to 3.2-stable (#19017)

Revision 14950 - 2015-12-06 07:35 - Toshi MARUYAMA

pdf: use "family" parameter instead of l(:general_pdf_fontname) at SetFont method (#19017)

Contributed by Jun NAITOH.

Revision 14951 - 2015-12-06 08:22 - Toshi MARUYAMA

revert r14950 (#19017)

r14907 breaks Arabic italic pdf rendering.

Revision 14959 - 2015-12-06 13:21 - Toshi MARUYAMA

pdf: use "family" parameter instead of l(:general_pdf_fontname) at SetFont method (#19017)

Contributed by Jun NAITOH.

Revision 14960 - 2015-12-06 13:21 - Toshi MARUYAMA

pdf: remove italic from DejaVuSansMono (#19017)

DejaVuSansMono Italic Arabic font has problem.

Contributed by Jun NAITOH.

Revision 14961 - 2015-12-06 13:24 - Toshi MARUYAMA

Merged r14959 from trunk to 3.2-stable (#19017)

pdf: use "family" parameter instead of l(:general_pdf_fontname) at SetFont method.

Contributed by Jun NAITOH.

Revision 14962 - 2015-12-06 13:24 - Toshi MARUYAMA

Merged r14960 from trunk to 3.2-stable (#19017)

pdf: remove italic from DejaVuSansMono.

DejaVuSansMono Italic Arabic font has problem.

Contributed by Jun NAITOH.

Revision 14963 - 2015-12-06 13:36 - Toshi MARUYAMA

pdf: use all lower cases for DejaVuSansMono (#19017)

Revision 14964 - 2015-12-06 13:38 - Toshi MARUYAMA

Merged r14963 from trunk to 3.2-stable (#19017)

pdf: use all lower cases for DejaVuSansMono.

History

#1 - 2015-02-05 20:48 - Marcel Müller

I think the problem is in this line. "set_default_monospaced_font" should not be set to the default content-font (a non monospaced font). Removing this line works for me.

#2 - 2015-03-03 15:24 - Toshi MARUYAMA

- File fonts.png added

Marcel Müller wrote:

> Removing this line works for me.

But,□Cyrillic is broken.

fonts.png

#3 - 2015-03-03 15:27 - Toshi MARUYAMA

I have created issue.
https://github.com/naitoh/rbpdf/issues/11

#4 - 2015-11-21 06:52 - Jun NAITOH

- File rbpdf-1.19.0_ monospaced_font.pdf added

- File pdf_monospaced_font_r14882.patch added

This is font problem.

rbpdf 1.19.0 was added DejaVu SansMono font,
and **Supported for font subsetting.** (for reduce the size of documents using large unicode font files.)

Please use monospaced font. (see attached patch and sample pdf.)

language font list

config/locales	Proportional font	Monospaced font	notes
ar.yml	DejaVuSans	DejaVuSansMono	DejaVuSansMono Italic Arabic font has problem.
az.yml	freesans	freemono	
bg.yml	freesans	freemono	
bs.yml	freesans	freemono	
ca.yml	freesans	freemono	
cs.yml	freesans	freemono	
da.yml	freesans	freemono	
de.yml	freesans	freemono	
el.yml	freesans	freemono	
en-GB.yml	freesans	freemono	
en.yml	freesans	freemono	
es-PA.yml	freesans	freemono	
es.yml	freesans	freemono	
et.yml	freesans	freemono	
eu.yml	freesans	freemono	
fa.yml	DejaVuSans	DejaVuSans	DejaVuSansMono Persian font has problem.
fi.yml	freesans	freemono	
fr.yml	freesans	freemono	
gl.yml	freesans	freemono	
he.yml	freesans	freemono	
hr.yml	freesans	freemono	
hu.yml	freesans	freemono	
id.yml	freesans	freemono	
it.yml	freesans	freemono	
ja.yml	kozminproregular	kozminproregular	
ko.yml	hysmyeongjostdmedium	hysmyeongjostdmedium	
lt.yml	freesans	freemono	
lv.yml	freesans	freemono	
mk.yml	freesans	freemono	
mn.yml	freesans	freemono	
nl.yml	freesans	freemono	
no.yml	freesans	freemono	
pl.yml	freesans	freemono	

pt-BR.yml	freesans	freemono	
pt.yml	freesans	freemono	
ro.yml	freesans	freemono	
ru.yml	freesans	freemono	
sk.yml	freesans	freemono	
sl.yml	freesans	freemono	
sq.yml	freesans	freemono	
sr-YU.yml	freesans	freemono	
sr.yml	freesans	freemono	
sv.yml	freesans	freemono	
th.yml	freeserif	freeserif	freesans and freemono Thai fonts have problem.
tr.yml	freesans	freemono	
uk.yml	freesans	freemono	
vi.yml	DejaVuSans	DejaVuSans	DejaVuSansMono Vietnamese font has problem.
zh-TW.yml	msungstdlight	msungstdlight	
zh.yml	stsongstdlight	stsongstdlight	

#5 - 2015-11-23 05:43 - Go MAEDA

- Target version set to 3.2.0

Thanks for the patch. Works fine for me.

#6 - 2015-11-28 07:29 - Toshi MARUYAMA

- Assignee set to Toshi MARUYAMA

#7 - 2015-12-04 08:21 - Toshi MARUYAMA

- File Arabic.txt added

I have committed from r14907 to r14911 without this change.

```
=== (+3,-1) lib/redmine/export/pdf.rb ===
@@ -55,6 +55,8 @@
           style.delete!('B') if l(:general_pdf_fontname) == 'freeserif'
           # DejaVuSans Italic Arabic and Persian font has problem.
           style.delete!('I') if l(:general_pdf_fontname) == 'DejaVuSans' && current_language.to_s.casecmp("vi
") != 0
+          # DejaVuSansMono Italic Arabic font has problem.
+          style.delete!('I') if l(:general_pdf_fontname) == 'DejaVuSansMono'
           super(family, style, size, fontfile)
         end
         alias_method :set_font, :SetFont
```

I cannot see difference with and without this change on Arabic.txt.
Is this change needed?

#8 - 2015-12-04 08:23 - Toshi MARUYAMA

Toshi MARUYAMA wrote:

> I cannot see difference with and without this change on Arabic.txt.

On Arabic locale.

#9 - 2015-12-05 07:26 - Jun NAITOH

> I cannot see difference with and without this change on Arabic.txt.
> Is this change needed?

I checked it once again. so, this change is unnecessary, Sorry.

Because Redmine 3.2(r14911) used a monospaced font in the pre tag, but a style(bold/italic) wasn't applied in the pre tag.

#10 - 2015-12-05 11:55 - Toshi MARUYAMA

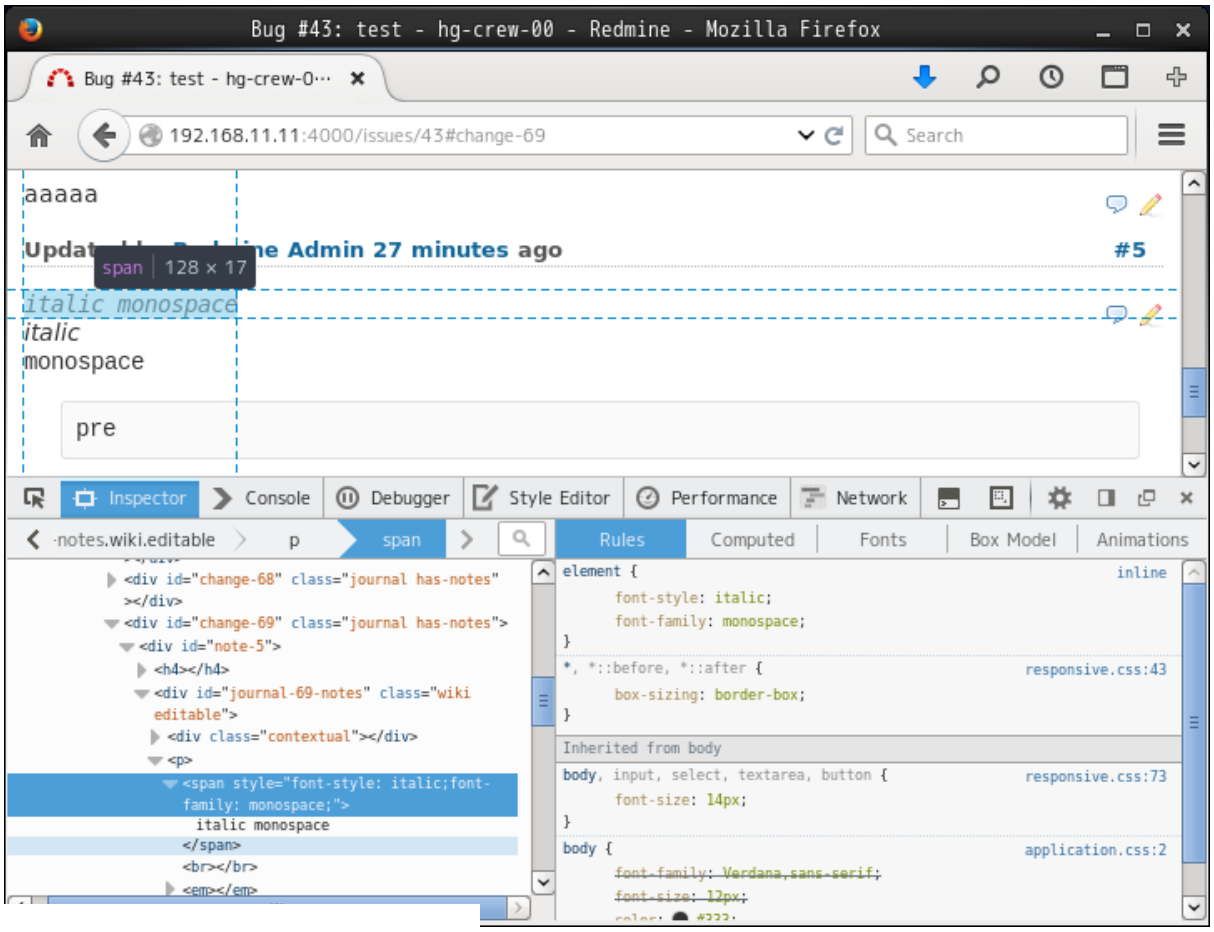
- File pdf.png added

- File html.png added

But monospace italic is in HTML source.
Does not PDF support "code" and %{font-style: italic; font-family: monospace}word%?

```
%{font-style: italic; font-family: monospace}italic monospace%
_italic_
@monospace@

<pre>
pre
</pre>
```



#5 - 12/05/2015 07:18 PM - Redmine Admin

italic monospace
italic
monospace

```
pre
```

#11 - 2015-12-05 15:26 - Jun NAITOH

Toshi MARUYAMA wrote:

> But monospace italic is in HTML source.
> Does not PDF support "code" and %{font-style: italic; font-family: monospace}word%?

PDF don't support "code" and %{font-family: monospace}word%
but, PDF support %{font-style: italic; font-family: DejaVuSansMono}word%

If use %{font-style: italic; font-family: DejaVuSansMono}word%, it's no problem by following setting on Arabic locale.

```
            style.delete!('I') if l(:general_pdf_fontname) == 'DejaVuSans' && current_language.to_s.casecmp("vi
") != 0
```

#12 - 2015-12-06 05:53 - Toshi MARUYAMA

I can see DejaVuSansMono italic has problem in Vietnamese, but I cannot see in Arabic.
Where is source?

#13 - 2015-12-06 07:48 - Toshi MARUYAMA

Toshi MARUYAMA wrote:

> I can see DejaVuSansMono italic has problem in Vietnamese, but I cannot see in Arabic.

This behaviour changes frequently. "family" parameter of SetFont() sometimes comes all lower-cases.
source:trunk/lib/redmine/export/pdf.rb@14949#L53
r14950 stabilizes behaviour changes.

#14 - 2015-12-06 08:31 - Toshi MARUYAMA

Toshi MARUYAMA wrote:

> r14950 stabilizes behaviour changes.

But r14950 breaks Arabic italic pdf rendering again.
(I mistook r14951 comment.)

#15 - 2015-12-06 08:45 - Toshi MARUYAMA

- File ar-en.png added

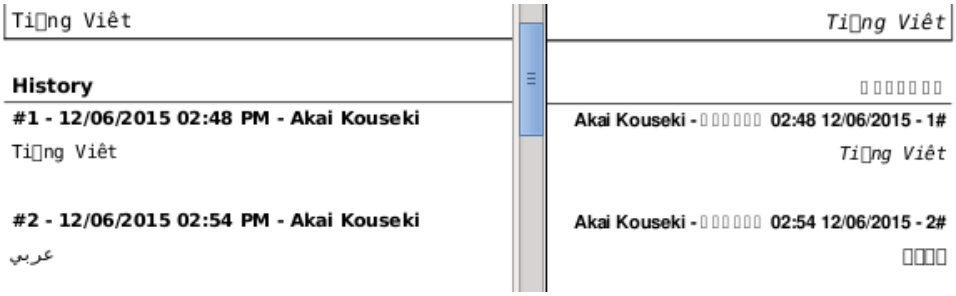
I try with this change on r14951, English locale is OK, but Arabic locale is NG.
I think SetFont() has stability bug.

```
%{font-style: italic; font-family: DejaVuSansMono}Tiếng Việt%
%{font-style: italic; font-family: DejaVuSansMono}□□□□%

diff --git a/config/locales/ar.yml b/config/locales/ar.yml
--- a/config/locales/ar.yml
+++ b/config/locales/ar.yml
@@ -140,8 +140,8 @@
   general_csv_separator: ','
   general_csv_decimal_separator: '.'
   general_csv_encoding: ISO-8859-1
-  general_pdf_fontname: DejaVuSans
-  general_pdf_monospaced_fontname: DejaVuSansMono
+  general_pdf_fontname: freesans
+  general_pdf_monospaced_fontname: freemono
   general_first_day_of_week: '7'

   notice_account_updated: □□□□□ □□□□□□ □□□□□ □□ □□□.
diff --git a/config/locales/en.yml b/config/locales/en.yml
--- a/config/locales/en.yml
+++ b/config/locales/en.yml
@@ -141,8 +141,8 @@
   general_csv_separator: ','
   general_csv_decimal_separator: '.'
   general_csv_encoding: ISO-8859-1
-  general_pdf_fontname: freesans
-  general_pdf_monospaced_fontname: freemono
+  general_pdf_fontname: DejaVuSans
+  general_pdf_monospaced_fontname: DejaVuSansMono
   general_first_day_of_week: '7'

   notice_account_updated: Account was successfully updated.
```



#16 - 2015-12-06 12:24 - Jean-Philippe Lang

- Status changed from New to Closed

I'm closing this for 3.2 release. If there any problems pending, please open another issue.

#17 - 2015-12-06 13:27 - Toshi MARUYAMA

r14950 is wrong.

```
style.delete!('I') if family.to_s.casecmp('DejaVuSans') != 0
```

should be

```
style.delete!('I') if family.to_s.casecmp('DejaVuSans') == 0
```

#18 - 2015-12-06 13:29 - Toshi MARUYAMA

Jean-Philippe Lang wrote:

> I'm closing this for 3.2 release. If there any problems pending, please open another issue.

3.2-stable r14962 has completed.
Please release 3.2.0.

#19 - 2015-12-06 13:39 - Toshi MARUYAMA

Toshi MARUYAMA wrote:

> 3.2-stable r14962 has completed.

Sorry, I have committed very minor 3.2-stable r14964.
Please release 3.2.0.

#20 - 2015-12-06 15:02 - Jean-Philippe Lang

Thanks.

Files

PdfExportHtmlVsPdf.png	5.8 KB	2015-02-03	Marcel Müller
fonts.png	76 KB	2015-03-03	Toshi MARUYAMA
rbpdf-1.19.0_ monospaced_font.pdf	128 KB	2015-11-21	Jun NAITOH
pdf_monospaced_font_r14882.patch	23.6 KB	2015-11-21	Jun NAITOH
Arabic.txt	95 Bytes	2015-12-04	Toshi MARUYAMA
pdf.png	8.71 KB	2015-12-05	Toshi MARUYAMA
html.png	76.5 KB	2015-12-05	Toshi MARUYAMA
ar-en.png	17.5 KB	2015-12-06	Toshi MARUYAMA