Redmine - Patch #3231

patch for broken character problem on png-exported gantt on 0.8 branch

2009-04-23 19:32 - Yonghwan SO

Status:	Closed	Start date:	2009-04-23
Priority:	High	Due date:	
Assignee:		% Done:	0%
Category:	Gantt	Estimated time:	0.00 hour
Target version:			

Description

- for 0.8.3 on linux
- related to non-ascii characters (especially hangul)

If I export gantt chart as png, all korean characters(hangul) are broken.
because there is no matching font (for rmagick).

I made simple patch to fix it, and it simply uses a font file (on extra/custom.ttf).

This method is not a kind of i18n, but IMHO, we can improve it or write something like it.

Related issues:

Related to Redmine - Defect #4787: Gannt to PNG - CJK (Chinese, Japanese and ...		**Closed**	**2010-02-10**

History

#1 - 2009-04-25 13:39 - Jean-Philippe Lang

And what happens when 'extra/custom.ttf' does not exist?

#2 - 2009-04-26 17:12 - Yonghwan SO

Jean-Philippe Lang wrote:

> And what happens when 'extra/custom.ttf' does not exist?

Sorry, I feel that my patch and this ticket is very "quick and dirty" style.

In my test, when the font is not exist, nothing is happen. (I guess it just ignored by rMagick. I don't know much about rMagick, so who can help us to verify it?)

PS) background of this patch is :

1) In my case, some(or most) tickets were written with Korean characters, so this is very critical issue since I use png export feature (I think it is very useful one.). not only for me, maybe for all unicode character users.

2) Can it be user configurable or not? I think a minute or more, I think this font configuration is not related to user setting, or default of system. it is depend on individual project's official language. (If the project is global :-)

3) finally, I need more consideration, but I made and use this quick and dirty one now. (and I just release it as is, for more discussions about this issue.)

Thank you for your response.

#3 - 2009-04-27 09:57 - Yonghwan SO

I checked,

1) ImageMagick's **Draw** just ignores non-existing font file and fall back to default.
2) but more clearly, I modified the patch.

TODO: test with multi language environment and multiple fonts support if it can.

#4 - 2010-10-03 15:13 - Mischa The Evil

- Category changed from Issues to Gantt

#5 - 2011-06-13 00:34 - Jean-Baptiste Barth

- Status changed from New to Closed

Imho this is a server problem : if your users are korean, let's install korean fonts on the server, Rmagick should find them. Anyway I close the issue since it's 2 years old and nobody was really interested, no offense...

Files

redmine-0.8.3-png-font.patch	542 Bytes	2009-04-23	Yonghwan SO