Redmine - Patch #8312

Switch to TCPDF from FPDF for PDF export

2011-05-06 16:06 - Jun NAITOH

Status:	Closed	**Start date:**	2011-05-06	
Priority:	Normal	**Due date:**		
Assignee:	Toshi MARUYAMA	**% Done:**	0%	
Category:	PDF export	**Estimated time:**	0.00 hour	
Target version:	1.2.0			

Description

This patch switches to TCPDF from FPDF in Japanese/Chinese/Korean (Thai) PDF.

I am expecting the following things by this patch.

- Improvement of maintainability
- Improvement of compatibility for Redmine plug-in
- new TCPDF API (writeHTML/writeHTMLCell)

Before

general_pdf_encoding	Class	Font name	Font type	Support locales	
Not UTF-8	FPDF	UHC,SJIS, GB, Big5, Helvetica	Non embedded	ja,ko,zh, zh-TW	FreeSans doesn't support Japanese/Chinese/Korean/Thai characters
UTF-8	TCPDF	FreeSans	Embedded	Others	Helvetica doesn't support Cyrillic

After

general_pdf_encoding	Class	Font name	Font type	Support locales	
Not UTF-8	**TCPDF**	UHC,SJIS, GB, Big5, Helvetica	Non embedded	ja,ko,zh, zh-TW	FreeSans doesn't support Japanese/Chinese/Korean/Thai characters
UTF-8	TCPDF	FreeSans	Embedded	Others	Helvetica doesn't support Cyrillic

Related issues:

Related to Redmine - Defect #61: Broken character encoding in pdf export	**Closed**	
Related to Redmine - Defect #8566: Exported PDF UTF-8 Vietnamese not correct	**Closed**	**2011-06-08**

Associated revisions

Revision 5713 - 2011-05-09 08:44 - Toshi MARUYAMA

PDF: move fix_text_encoding() logic to new method for common use in FPDF and TCPDF (#61, #8312).

Revision 5715 - 2011-05-09 08:45 - Toshi MARUYAMA

PDF: replace invalid sequence in converting if encoding destination is UTF-8 (#61, #8312).

Revision 5716 - 2011-05-09 08:46 - Toshi MARUYAMA

PDF: replace invalid UTF-8 sequences in TCPDF (#61, #8312).

There is no guarantees that database strings are valid UTF-8 in Ruby 1.8 MySQL and SQLite3.

Revision 5717 - 2011-05-09 09:35 - Toshi MARUYAMA

PDF: import tcpdf.rb patch (#8312).

Contributed Jun NAITOH.

Revision 5718 - 2011-05-09 12:41 - Toshi MARUYAMA

PDF: switch encoding and font whether CJK and Thainland non UTF-8 or not in TCPDF Redmine class (#8312).

Contributed Jun NAITOH.

Revision 5720 - 2011-05-09 13:12 - Toshi MARUYAMA

PDF: import CJK patches and all languages use TCPDF (#8312).

Contributed Jun NAITOH.

Revision 5721 - 2011-05-09 13:12 - Toshi MARUYAMA

PDF: remove unused Redmine FPDF class (#8312).

Revision 5723 - 2011-05-10 03:03 - Toshi MARUYAMA

PDF: more strict Redmine TCPDF class initialize() (#8312).

Revision 7785 - 2011-11-12 12:16 - Toshi MARUYAMA

pdf: remove unused "require 'rfpdf/fpdf'" (#8312)

History

#1 - 2011-05-06 17:11 - Toshi MARUYAMA

- Assignee set to Toshi MARUYAMA

#2 - 2011-05-09 13:34 - Toshi MARUYAMA

- Status changed from New to Closed

- Target version set to 1.2.0

Committed in r5721, thanks.

Files

switch_from_fpdf_to_tcpdf_r5670.patch	17 KB	2011-05-06	Jun NAITOH