

Pluggable PDF export engine

2022/05/09 16:44 - Admin Redmine

ステータス:	New	開始日:	2022/05/09
優先度:	通常	期日:	
担当者:		進捗率:	0%
カテゴリ:	PDF export_39	予定工数:	0.00時間
対象バージョン:		作業時間:	0.00時間
Redmineorg_URL:	https://www.redmine.org/issues/13317	status_id:	1
category_id:	39	tracker_id:	2
version_id:	0	plus1:	0
issue_org_id:	13317	affected_version:	
author_id:	21911	closed_on:	
assigned_to_id:	0	affected_version_id:	
comments:	7		

説明

Redmine could support multiple PDF export engines provided in form of redmine plugins.

Administrator could choose different PDF export engines for different projects or system-wide. The main alternative to the currently used PDF export is a wrapper around "wkhtmltopdf": <http://code.google.com/p/wkhtmltopdf/> - "redmine_pdf_wiki": https://github.com/amartel/redmine_pdf_wiki plugin. wkhtmltopdf is a PDF renderer that uses an internal qt webkit browser to display provided HTML and to save it to PDF so it looks exactly as the original HTML.

I recently fixed redmine_pdf_wiki to work with Redmine 2.x and to replace standard PDF export (monkey patched wiki_page_to_pdf). I noticed that RFPDF is a plugin and it is already carefully facaded with Redmine::Export::PDF. I think it is relatively easy to support an external PDF export plugin.

Current approach is to issue PDF instructions from a ruby code. It is lightweight and safe solution but when heavy and highly accurate PDFs are needed it could be better to use wkhtmltopdf. It is a native program with several major issues but I hope they will be fixed in future.

Please check an initial discussion with Terence Miller in "pull request": https://github.com/amartel/redmine_pdf_wiki/pull/11

journals

There are plugin which tried to work around this problem but are outdated or incompatible.
Hower this a prototypes of possible solution for this issue.

"chili_pdf":https://github.com/tomkersten/chili_pdf is nowards incompatible with redmine 2.x (worked for redmine 1.x) and uses "wkhtmltopdf": <http://code.google.com/p/wkhtmltopdf/downloads/list> and "wicked_pdf": https://github.com/mileszs/wicked_pdf an a "core patch": <https://github.com/chiliproject/chiliproject/pull/62> to solve the problem, see also "chili issue": <https://www.chiliproject.org/issues/488>

2. "redmine_pdf_wiki":https://github.com/amartel/redmine_pdf_wiki.git uses also "wkhtmltopdf": <http://code.google.com/p/wkhtmltopdf/downloads/list> and needs passenger web server as soutuion for a recursion que problem and therefore settings to add "PassengerUseGlobalQueue on"

Now that "RFPDF is dead": <http://www.ohloh.net/p/rfpdf> and its author is using "Prawn": <https://github.com/prawnpdf/prawn>, it seems the logical way of fixing many issues with PDF export (such as #10681, #13781 and #8753) is to migrate to a better, alive PDF rendering engine, maybe Prawn.

This is a grave issue, because is some locales such as Persian (and probably Arabic and Hebrew) the exported PDF is totally garbage and of no use.

rfpdf is maitaind by NAITOH Jun who is contributor of #61 etc.
<https://github.com/naitoh/rfpdf>

I want to define rfpdf gem in Gemfile and remove sources from Redmine.

Any news/progress?

I updated rfpdf base version to TCPDF 5.1.002 from 1.53.0.TC031.

h3. new feature

- RTL (Right-To-Left) languages support was added.
- HTML support improved.

Toshi MARUYAMA wrote:

I want to define rfpdf gem in Gemfile and remove sources from Redmine.

I would like to create rfpdf gem at the end of next month, and to send the PDF patch of Redmine.

related_issues

relates,Closed,8753,PDF export for Hebrew is reversed

履歴

#1 - 2022/05/10 17:14 - Admin Redmine

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