

Redmine - Feature #32898

PDF thumbnails support on Windows

2020-01-28 01:32 - Anonymous

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Go MAEDA	% Done:	0%
Category:	Attachments	Estimated time:	0.00 hour
Target version:	5.0.0		
Resolution:	Fixed		
Description Redmine 4.1.0 don't support PDF thumbnails on Windows. (#22481) For Windows, "gswin64c(32c).exe"(command line version) can be used instead of "gswin64(32).exe". By applying this diff, we can detect the presence of Ghostscript on Windows without side effects. <pre>--- org/lib/redmine/thumbnail.rb +++ patch/lib/redmine/thumbnail.rb @@ -77,5 +77,6 @@ if Redmine::Platform.mswin? - @gs_available = false + @gs_available = system("gswin64c -version > nul 2>&1") rescue false + @gs_available = system("gswin32c -version > nul 2>&1") rescue false else begin</pre>			
Related issues: Related to Redmine - Feature #22481: Show thumbnails for PDF attachments Closed Related to Redmine - Defect #33283: Thumbnail support for PDF attachments may... Closed			

Associated revisions

Revision 21008 - 2021-05-25 04:36 - Go MAEDA

PDF thumbnails support on Windows (#32898).

History

#1 - 2020-01-28 04:25 - Go MAEDA

- Related to Feature #22481: Show thumbnails for PDF attachments added

#2 - 2020-06-26 03:54 - Go MAEDA

- Related to Defect #33283: Thumbnail support for PDF attachments may not be detected added

#3 - 2020-06-26 03:57 - Go MAEDA

- Status changed from New to Closed

Redmine 4.1.2 will support a new setting `gs_command` in `config/configuration.yml` ([#33283](#)). You can set the command name such as "gswin64c" and "gswin32c".

#4 - 2021-03-31 11:56 - Steve Zhou

Go MAEDA wrote:

Redmine 4.1.2 will support a new setting `gs_command` in `config/configuration.yml` ([#33283](#)). You can set the command name such as "gswin64c" and "gswin32c".

I checked this new setting again, please find the result as below.

[Environment]

OS: Windows 10 x64

Redmine:4.2.0
Imagemagick: 6.9.8
Ghostscript: 9.21

[Case 1]

Set `gs_command` in `config/configuration.yml`

Result: ImageMagick PDF support available (optional) in Information page is not checked.

[Case 2]

No setting `gs_command` in `config/configuration.yml`

But change `/lib/redmine/thumbnail.rb` with the code "`@gs_available = system("gswin64c -version > nul 2>&1") rescue false`"

Result: ImageMagick PDF support available (optional) in Information page is checked and convert cmd is working in windows.

So, could you please change the code in `/lib/redmine/thumbnail.rb`, then the `gs_command` can also be worked in windows.

If `gs_command` is set, there is no need to judge operating system environment.

```
begin
  `#{shell_quote GS_BIN} -version`
  @gs_available = $? .success?
rescue
  @gs_available = false
end
```

#5 - 2021-03-31 15:41 - Go MAEDA

- File `pdf-thumbnail-win.patch` added

- Status changed from Closed to New

Steve Zhou, thank you for your feedback.

Could you try the attached patch **without** setting `imagemagick_convert_command` in `configuration.yml`? I think it should successfully show PDF thumbnails on Windows.

After applying the patch, Redmine will determine whether it should use `gswin64c` or `gswin32c` if you are running Redmine on Windows.

#6 - 2021-04-01 05:57 - Steve Zhou

Go MAEDA wrote:

Steve Zhou, thank you for your feedback.

Could you try the attached patch **without** setting `imagemagick_convert_command` in `configuration.yml`? I think it should successfully show PDF thumbnails on Windows.

After applying the patch, Redmine will determine whether it should use `gswin64c` or `gswin32c` if you are running Redmine on Windows.

MAEDA-san, I tested the patch, it can successfully show PDF thumbnails on Windows with setting `imagemagick_convert_command` and `gs_command` in `configuration.yml`.

But without the setting in `configuration.yml`, (instead, configuring path in environment variables), it cannot show PDF thumbnails.

#7 - 2021-04-01 06:14 - Go MAEDA

Steve Zhou wrote:

MAEDA-san, I tested the patch, it can successfully show PDF thumbnails on Windows with setting `imagemagick_convert_command` and `gs_command` in `configuration.yml`.

But without the setting in `configuration.yml`, (instead, configuring path in environment variables), it cannot show PDF thumbnails.

Zhou, thank you for testing the patch.

As you wrote, now I understood that rejecting Windows is not necessary. I will try to make it possible to display PDF thumbnails on Windows in a near future release.

#8 - 2021-04-01 08:47 - Steve Zhou

Go MAEDA wrote:

Steve Zhou wrote:

MAEDA-san, I tested the patch, it can successfully show PDF thumbnails on Windows with setting `imagemagick_convert_command` and `gs_command` in `configuration.yml`.

But without the setting in `configuration.yml`, (instead, configuring path in environment variables), it cannot show PDF thumbnails.

Zhou, thank you for testing the patch.

As you wrote, now I understood that rejecting Windows is not necessary. I will try to make it possible to display PDF thumbnails on Windows in a near future release.

Well noted with thanks.

#9 - 2021-05-07 08:38 - Go MAEDA

- Target version set to Candidate for next major release

#10 - 2021-05-16 04:41 - Go MAEDA

- File pdf-thumbnail-win-v2.patch added

#11 - 2021-05-16 04:48 - Go MAEDA

- Tracker changed from Patch to Feature

- Subject changed from Let's show PDF thumbnails on Windows. to PDF thumbnails support on Windows

- Target version changed from Candidate for next major release to 5.0.0

Setting the target version to 5.0.0.

#12 - 2021-05-23 08:40 - Go MAEDA

- File pdf-thumbnail-win-v3.patch added

Removed the code for 32bit Windows from the patch.

I think there are very few people running Redmine on 32bit Windows now, so there is little need to add a method that checks for 32bit Windows to lib/redmine/platform.rb.

If you are using the 32bit version of gswin32c.exe, you can still generate PDF thumbnails by setting gs_command in configuration.yml.

#13 - 2021-05-25 04:36 - Go MAEDA

- Status changed from New to Closed

- Assignee set to Go MAEDA

- Resolution set to Fixed

Committed the patch. Thank you all for your contribution.

Files			
pdf-thumbnail-win.patch	1.78 KB	2021-03-31	Go MAEDA
pdf-thumbnail-win-v2.patch	1.71 KB	2021-05-16	Go MAEDA
pdf-thumbnail-win-v3.patch	1.22 KB	2021-05-23	Go MAEDA