

## Redmine - Defect #33283

### Thumbnail support for PDF attachments may not be detected

2020-04-09 12:34 - VVD VVD

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Go MAEDA	<b>% Done:</b>	0%
<b>Category:</b>	Attachments	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	4.1.2	<b>Affected version:</b>	4.1.1
<b>Resolution:</b>	Fixed		

#### Description

In lib/redmine/thumbnail.rb:

```
begin
  `gs -version`
  @gs_available = $? .success?
rescue
  @gs_available = false
end
```

Can't detect ImageMagick PDF support.

But if I add full path to gs:

```
begin
  `/usr/local/bin/gs -version`
  @gs_available = $? .success?
rescue
  @gs_available = false
end
```

then it detects ImageMagick PDF suport.

Patch for 4.1.1 to fix it:

```
--- config/configuration.yml.example.orig
+++ config/configuration.yml.example
@@ -179,6 +179,10 @@
  # the ImageMagick's `convert` binary. Used to generate attachment thumbnails.
  #imagemagick_convert_command:

+ # Absolute path (e.g. /usr/bin/gs, c:/ghostscript/gs.exe) to
+ # the `gs` binary. Used to generate attachment thumbnails of PDF files.
+ #gs_command:
+
  # Configuration of MiniMagick font.
  #
  # Redmine uses MiniMagick in order to export a gantt chart to a PNG image.

--- lib/redmine/thumbnail.rb.orig
+++ lib/redmine/thumbnail.rb
```

```

@@ -25,6 +25,7 @@
  extend Redmine::Utils::Shell

  CONVERT_BIN = (Redmine::Configuration['imagemagick_convert_command'] || 'convert').freeze
+  GS_BIN = (Redmine::Configuration['gs_command'] || 'gs').freeze
  ALLOWED_TYPES = %w(image/bmp image/gif image/jpeg image/png application/pdf)

  # Generates a thumbnail for the source image to target
@@ -79,12 +80,13 @@
  @gs_available = false
  else
  begin
-  `gs -version`
+  `#{shell_quote GS_BIN} -version`
  @gs_available = $? .success?
  rescue
  @gs_available = false
  end
  end
+  logger.warn("gs binary (#{GS_BIN}) not available") unless @gs_available
  @gs_available
  end

```

#### Related issues:

Related to Redmine - Feature # 22481: Show thumbnails for PDF attachments	<b>Closed</b>
Related to Redmine - Patch # 32898: Let's show PDF thumbnails on Windows.	<b>Closed</b>

#### Associated revisions

##### Revision 19712 - 2020-04-20 16:15 - Go MAEDA

Fix that thumbnail support for PDF attachments may not be detected (#33283).

Patch by VVD VVD.

##### Revision 19713 - 2020-04-20 16:16 - Go MAEDA

Merged r19712 from trunk to 4.1-stable (#33283).

#### History

##### #1 - 2020-04-12 18:37 - Marius BALTEANU

- Target version set to Candidate for next major release

##### #2 - 2020-04-19 15:44 - VVD VVD

Why "Candidate for next major release"?

It's so small and obvious fix!

##### #3 - 2020-04-19 20:04 - Marius BALTEANU

- File 33283.patch added
- Target version changed from Candidate for next major release to 4.1.2

The patch looks good to me and the tests pass.

VVD VVD wrote:

Why "Candidate for next major release"?  
It's so small and obvious fix!

It was just an initial target version, but I don't see a real problem to deliver this fix in version:"4.1.2". I've created a patch file from the diff.

#### #4 - 2020-04-19 23:58 - VVD VVD

Thanks.

Just checked - for create attachment thumbnails of PDF files used convert. And gs binary isn't necessary.

#### #5 - 2020-04-20 15:14 - Go MAEDA

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

#### #6 - 2020-04-20 16:17 - Go MAEDA

- Subject changed from Can't detect support of thumbnails for PDF attachments to Thumbnail support for PDF attachments may not be detected
- Status changed from New to Closed
- Assignee set to Go MAEDA
- Resolution set to Fixed

Committed the patch. Thank you.

#### #7 - 2020-04-20 17:34 - VVD VVD

Thanks!

#### #8 - 2020-06-21 21:25 - David Gessel

Thanks for this patch - just tested this patch on a FreeBSD 11.3 install where the ports version is currently redmine4-4.1.1\_2 and the patch and configuration.yml modification resulted in pdf support finally being available. :-)

- ghostscript9-agpl-base-9.52\_5
- ImageMagick7-nox11-7.0.10.6
- rubygem-mini\_magick-4.10.1

Success. Thanks.

#### #9 - 2020-06-26 03:54 - Go MAEDA

- Related to Patch #32898: Let's show PDF thumbnails on Windows. added

**Files**

33283.patch

1.25 KB

2020-04-19

Marius BALTEANU

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