

## Redmine - Defect #35027

### Gantt PNG export ignores imagemagick\_convert\_command

2021-04-04 08:54 - Go MAEDA

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Marius BĂLTEANU	<b>% Done:</b>	0%
<b>Category:</b>	Gantt	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	4.1.6	<b>Affected version:</b>	4.1.0
<b>Resolution:</b>	Fixed		
<b>Description</b>			
Gantt PNG export uses ImageMagick's convert command, but it ignores imagemagick_convert_command in configuration.yml.			
Steps to reproduce:			
1. Set incorrect command name (e.g. /usr/bin/_convert) to imagemagick_convert_command in configuration.yml			
2. Restart Redmine			
3. Export gantt to PNG. It should not work because imagemagick_convert_command is wrong, but it works fine.			
<b>Related issues:</b>			
Related to Redmine - Defect #35424: <a href="https://www.redmine.org/boards/2/topics/6...">https://www.redmine.org/boards/2/topics/6...</a>		<b>Reopened</b>	

#### Associated revisions

##### Revision 21427 - 2022-02-20 20:05 - Marius BĂLTEANU

Fix gantt PNG export ignores imagemagick\_convert\_command (#35027).

Patch by Yuichi HARADA.

##### Revision 21428 - 2022-02-20 21:16 - Marius BĂLTEANU

Merged r21427 to 4.2-stable (#35027).

##### Revision 21429 - 2022-02-20 21:17 - Marius BĂLTEANU

Merged r21427 to 4.1-stable (#35027).

#### History

##### #1 - 2021-04-19 04:30 - Yuichi HARADA

- File 35027.patch added

It seems that you can set the path of Imagemagick's client command to MiniMagick.cli\_path.  
[https://rubydoc.info/github/minimagick/minimagick/MiniMagick/Configuration#cli\\_path-instance\\_method](https://rubydoc.info/github/minimagick/minimagick/MiniMagick/Configuration#cli_path-instance_method)

I created a patch.

```
diff --git a/lib/redmine/helpers/gantt.rb b/lib/redmine/helpers/gantt.rb
index 122013e5a..7d078298c 100644
--- a/lib/redmine/helpers/gantt.rb
+++ b/lib/redmine/helpers/gantt.rb
@@ -395,6 +395,9 @@ module Redmine
   Redmine::Configuration['minimagick_font_path'].presence ||
     Redmine::Configuration['rmagick_font_path'].presence
   img = MiniMagick::Image.create("#{format}", false)
+  if Redmine::Configuration['imagemagick_convert_command'].present?
+    MiniMagick.cli_path = File.dirname(Redmine::Configuration['imagemagick_convert_command'])
+  end
   MiniMagick::Tool::Convert.new do |gc|
     gc.size('%dx%d' % [subject_width + g_width + 1, height])
     gc.xc('white')
```

##### #2 - 2021-04-20 00:38 - Marius BĂLTEANU

- Target version set to Candidate for next minor release

**#3 - 2021-06-19 03:29 - Go MAEDA**

- Has duplicate Defect #35424: <https://www.redmine.org/boards/2/topics/65661> added

**#4 - 2021-06-19 10:47 - Jan Catrysse**

I tried this patch on [#35424](#) but that did not fix the issue. Maybe something else is happening, but I'm not enough of a connoisseur :-)

**#5 - 2021-12-22 13:44 - Go MAEDA**

- Target version changed from Candidate for next minor release to 4.1.6

Setting the target version to 4.1.6.

**#6 - 2022-02-20 20:13 - Marius BĂLTEANU**

- Status changed from New to Resolved

- Assignee set to Marius BĂLTEANU

- Resolution set to Fixed

Patch committed, thanks!

The patch can fix some issues when the convert command is not available in the global path, but the binary always must be named convert.

Based on the example from [#35424](#), setting `imagemagick_convert_command: /usr/local/bin/convert` will generate the following:

- `MiniMagick.cli_path` (used for Gantt PNG) will be set to `/usr/local/bin` and MiniMagick will look after convert binary inside that path.
- For thumbnail generation, it will be used the exact path from configuration: `/usr/local/bin/convert`.

In case of a different binary name (convert2 for example), the Gantt PNG will not work.

**#7 - 2022-02-20 23:09 - Marius BĂLTEANU**

- Status changed from Resolved to Closed

**#8 - 2022-02-20 23:09 - Marius BĂLTEANU**

- Has duplicate deleted (Defect #35424: <https://www.redmine.org/boards/2/topics/65661>)

**#9 - 2022-02-20 23:10 - Marius BĂLTEANU**

- Related to Defect #35424: <https://www.redmine.org/boards/2/topics/65661> added

**Files**

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35027.patch	739 Bytes	2021-04-19	Yuichi HARADA
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