

## Redmine - Defect #35424

<https://www.redmine.org/boards/2/topics/65661>

2021-06-17 18:37 - Jan Catrysse

<b>Status:</b>	Reopened	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	Gantt	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Affected version:</b>	4.2.1
<b>Resolution:</b>			

### Description

#### Problem:

PNG export of GANTT chart throws an error: You must have ImageMagick or GraphicsMagick installed.

error.jpg

#### Environment:

```
Redmine version      4.2.1.stable
Ruby version         2.7.3-p183 (2021-04-05) [amd64-freebsd12]
Rails version        5.2.6
Environment          development
Database adapter     Mysql2
Mailer queue         ActiveSupport::QueueAdapters::AsyncAdapter
Mailer delivery      sendmail
```

#### Redmine checks:

```
Default administrator account changed: ok
Attachments directory writable: ok
Plugin assets directory writable (./public/plugin_assets): ok
MiniMagick available (optional): ok
ImageMagick convert available (optional): ok
ImageMagick PDF support available (optional): ok
```

#### OS:

```
FreeBSD 13.0 in AMD64
```

#### Libraries:

```
ImageMagick7-7.0.11.12: installed
rubygem-mini_magick-4.10.1: installed
```

#### Configuration.yml: (relevant part / leading whitespace = two spaces)

```
default:
  rmagick_font_path: /usr/local/share/fonts/dejavu/DejaVuSans.ttf
  imagemagick_convert_command: /usr/local/bin/convert
```

#### Description:

I cannot seem to use MiniMagick to export the PNG, but I have Image Magick installed, and the convert executable is working on command line.

I tried this patch [#35027](#) but without change.

Somehow I think that MiniMagick::Tool::Convert is not using or finding the correct path to /usr/local/bin/convert.

I made a link to /usr/bin/convert: no success.

I tried running convert as user www: works fine on command line.

Help would be appreciated.

Best regards,

Jan

#### Related issues:

Related to Redmine - Defect #35027: Gantt PNG export ignores imagemagick\_conv...

Closed

Has duplicate Redmine - Defect #36231: <https://stackoverflow.com/questions/69...>

Closed

#### History

##### #1 - 2021-06-19 03:28 - Go MAEDA

- Status changed from New to Closed

- Resolution set to Duplicate

I am closing this issue because the problem is being tracked in [#35027](#).

##### #2 - 2021-06-19 03:29 - Go MAEDA

- Is duplicate of Defect #35027: Gantt PNG export ignores imagemagick\_convert\_command added

##### #3 - 2022-02-20 21:54 - Marius BĂLTEANU

- Status changed from Closed to Reopened

I'm reopening this because the patch from [#35027](#) doesn't fix this issue.

Jan Catrysse, some additional questions:

1. Can you check the logs for an error? maybe it's something related to some missing fonts.
2. This is the same issue from [#36231](#)?

##### #4 - 2022-02-20 23:09 - Marius BĂLTEANU

- Status changed from Reopened to Closed

##### #5 - 2022-02-20 23:09 - Marius BĂLTEANU

- Is duplicate of deleted (Defect #35027: Gantt PNG export ignores imagemagick\_convert\_command)

##### #6 - 2022-02-20 23:10 - Marius BĂLTEANU

- Related to Defect #35027: Gantt PNG export ignores imagemagick\_convert\_command added

##### #7 - 2022-02-20 23:10 - Marius BĂLTEANU

- Status changed from Closed to Reopened

- Resolution deleted (Duplicate)

##### #8 - 2022-02-21 10:05 - Jan Catrysse

Hello Marius,

This is indeed related to [#36231](#)

I looked at my log files and nothing more to see over there, I am afraid.

I was testing this again, and now it doesn't work on either environments (two different servers): test, dev nor production. Furthermore, I am not sure what changed in between tests, probably only some updated gems.

I removed all plugins before testing.

A thing I noticed on my environment (FreeBSD) relating to Redmine and Rails, but I don't know if this plays a role:

Code Page conversion doesn't seem as forgiving as on other environments, I needed to add force\_encoding(UTF-8) on a mail plugin to prevent code page errors. Whilst all my code page settings, database etc. are verified UTF-8.

The error seems to come from: `\usr\local\lib\ruby\gems\2.7\gems\mini_magick-4.11.0`

```
def cli
  if instance_variable_defined?(:@cli)
```

```

instance_variable_get("@cli")
else
cli = CLI_DETECTION.key(processor) or
fail MiniMagick::Error, "You must have ImageMagick or GraphicsMagick installed"

instance_variable_set("@cli", cli)
end
end

```

### #9 - 2022-02-21 11:39 - Jan Catrysse

I did found this in my log, but I don't think it helps.

MiniMagick::Error (You must have ImageMagick or GraphicsMagick installed):

```

lib/redmine/helpers/gantt.rb:402:in `to_image'
app/controllers/gantts_controller.rb:46:in `block (2 levels) in show'
app/controllers/gantts_controller.rb:42:in `show'
lib/redmine/sudo_mode.rb:61:in `sudo_mode'

```

### #10 - 2022-02-21 11:47 - Jan Catrysse

```

mini_magick (4.11.0) lib/mini_magick/configuration.rb:139:in `cli'
mini_magick (4.11.0) lib/mini_magick.rb:38:in `imagemagick7?'
mini_magick (4.11.0) lib/mini_magick/tool.rb:135:in `executable'
mini_magick (4.11.0) lib/mini_magick/tool.rb:110:in `command'
mini_magick (4.11.0) lib/mini_magick/tool.rb:92:in `call'
mini_magick (4.11.0) lib/mini_magick/tool.rb:38:in `new'
actionpack (5.2.6) lib/action_controller/metal/mime_responds.rb:203:in `respond_to'
actionpack (5.2.6) lib/action_controller/metal/basic_implicit_render.rb:6:in `send_action'
actionpack (5.2.6) lib/abstract_controller/base.rb:194:in `process_action'
actionpack (5.2.6) lib/action_controller/metal/rendering.rb:30:in `process_action'
actionpack (5.2.6) lib/abstract_controller/callbacks.rb:42:in `block in process_action'
activesupport (5.2.6) lib/active_support/callbacks.rb:109:in `block in run_callbacks'
activesupport (5.2.6) lib/active_support/callbacks.rb:118:in `block in run_callbacks'
activesupport (5.2.6) lib/active_support/callbacks.rb:136:in `run_callbacks'
actionpack (5.2.6) lib/abstract_controller/callbacks.rb:41:in `process_action'
actionpack (5.2.6) lib/action_controller/metal/rescue.rb:22:in `process_action'
actionpack (5.2.6) lib/action_controller/metal/instrumentation.rb:34:in `block in process_action'
activesupport (5.2.6) lib/active_support/notifications.rb:168:in `block in instrument'
activesupport (5.2.6) lib/active_support/notifications/instrumenter.rb:23:in `instrument'
activesupport (5.2.6) lib/active_support/notifications.rb:168:in `instrument'
actionpack (5.2.6) lib/action_controller/metal/instrumentation.rb:32:in `process_action'
actionpack (5.2.6) lib/action_controller/metal/params_wrapper.rb:256:in `process_action'
activerecord (5.2.6) lib/active_record/railties/controller_runtime.rb:24:in `process_action'
actionpack (5.2.6) lib/abstract_controller/base.rb:134:in `process'
actionview (5.2.6) lib/action_view/rendering.rb:32:in `process'
actionpack (5.2.6) lib/action_controller/metal.rb:191:in `dispatch'
actionpack (5.2.6) lib/action_controller/metal.rb:252:in `dispatch'
actionpack (5.2.6) lib/action_dispatch/routing/route_set.rb:52:in `dispatch'
actionpack (5.2.6) lib/action_dispatch/routing/route_set.rb:34:in `serve'
actionpack (5.2.6) lib/action_dispatch/journey/router.rb:52:in `block in serve'
actionpack (5.2.6) lib/action_dispatch/journey/router.rb:35:in `each'
actionpack (5.2.6) lib/action_dispatch/journey/router.rb:35:in `serve'
actionpack (5.2.6) lib/action_dispatch/routing/route_set.rb:840:in `call'
rack-openid (1.4.2) lib/rack/openid.rb:98:in `call'
rack (2.2.3) lib/rack/tempfile_reaper.rb:15:in `call'
rack (2.2.3) lib/rack/etag.rb:27:in `call'
rack (2.2.3) lib/rack/conditional_get.rb:27:in `call'
rack (2.2.3) lib/rack/head.rb:12:in `call'
actionpack (5.2.6) lib/action_dispatch/http/content_security_policy.rb:18:in `call'
rack (2.2.3) lib/rack/session/abstract/id.rb:266:in `context'
rack (2.2.3) lib/rack/session/abstract/id.rb:260:in `call'
actionpack (5.2.6) lib/action_dispatch/middleware/cookies.rb:670:in `call'
actionpack (5.2.6) lib/action_dispatch/middleware/callbacks.rb:28:in `block in call'
activesupport (5.2.6) lib/active_support/callbacks.rb:98:in `run_callbacks'
actionpack (5.2.6) lib/action_dispatch/middleware/callbacks.rb:26:in `call'
actionpack (5.2.6) lib/action_dispatch/middleware/debug_exceptions.rb:61:in `call'
actionpack (5.2.6) lib/action_dispatch/middleware/show_exceptions.rb:33:in `call'
railties (5.2.6) lib/rails/rack/logger.rb:38:in `call_app'
railties (5.2.6) lib/rails/rack/logger.rb:26:in `block in call'
activesupport (5.2.6) lib/active_support/tagged_logging.rb:71:in `block in tagged'
activesupport (5.2.6) lib/active_support/tagged_logging.rb:28:in `tagged'
activesupport (5.2.6) lib/active_support/tagged_logging.rb:71:in `tagged'

```

```

railties (5.2.6) lib/rails/rack/logger.rb:26:in `call'
actionpack (5.2.6) lib/action_dispatch/middleware/remote_ip.rb:81:in `call'
request_store (1.5.1) lib/request_store/middleware.rb:19:in `call'
actionpack (5.2.6) lib/action_dispatch/middleware/request_id.rb:27:in `call'
rack (2.2.3) lib/rack/method_override.rb:24:in `call'
rack (2.2.3) lib/rack/runtime.rb:22:in `call'
activesupport (5.2.6) lib/active_support/cache/strategy/local_cache_middleware.rb:29:in `call'
actionpack (5.2.6) lib/action_dispatch/middleware/executor.rb:14:in `call'
actionpack (5.2.6) lib/action_dispatch/middleware/static.rb:127:in `call'
rack (2.2.3) lib/rack/sendfile.rb:110:in `call'
rack (2.2.3) lib/rack/content_length.rb:17:in `call'
railties (5.2.6) lib/rails/engine.rb:524:in `call'
/usr/local/lib/ruby/gems/2.7/gems/passenger/src/ruby_supportlib/phusion_passenger/rack/thread_handler_extensio
n.rb:107:in `process_request'
/usr/local/lib/ruby/gems/2.7/gems/passenger/src/ruby_supportlib/phusion_passenger/request_handler/thread_handl
er.rb:149:in `accept_and_process_next_request'
/usr/local/lib/ruby/gems/2.7/gems/passenger/src/ruby_supportlib/phusion_passenger/request_handler/thread_handl
er.rb:110:in `main_loop'
/usr/local/lib/ruby/gems/2.7/gems/passenger/src/ruby_supportlib/phusion_passenger/request_handler.rb:416:in `b
lock (3 levels) in start_threads'
/usr/local/lib/ruby/gems/2.7/gems/passenger/src/ruby_supportlib/phusion_passenger/Utils.rb:113:in `block in cr
eate_thread_and_abort_on_exception'

```

Request

Parameters:

```

{"c"=>
  ["status",
   "priority",
   "assigned_to",
   "updated_on",
   "parent",
   "parent.subject",
   "start_date",
   "due_date",
   "estimated_hours",
   "total_estimated_hours",
   "spent_hours",
   "total_spent_hours",
   "done_ratio"],
 "f"=>["status_id", ""],
 "gantt"=>"1",
 "month"=>"2",
 "months"=>"2",
 "op"=>{"status_id"=>"o"},
 "query"=>{"draw_progress_line"=>"0", "draw_relations"=>"1", "draw_selected_columns"=>"1"},
 "set_filter"=>"1",
 "utf8"=>"",
 "year"=>"2022",
 "zoom"=>"4",
 "project_id"=>"test-git-jan",
 "format"=>"png"}

```

#### #11 - 2022-02-21 12:04 - Jan Catrysse

I fixed this by changing MiniMagick.cli = :imagemagick to lib/redmine/helpers/gantt.rb

```

if Redmine::Configuration['imagemagick_convert_command'].present?
  MiniMagick.cli_path = File.dirname(Redmine::Configuration['imagemagick_convert_command'])
  MiniMagick.cli = :imagemagick
end

```

#### #12 - 2022-02-24 21:52 - Marius BĂLTEANU

- Has duplicate Defect #36231:

<https://stackoverflow.com/questions/69910539/minimagickerror-you-must-have-imagemagick-or-graphicsmagick-installed-on-red> added

#### Files

error.jpg	51.4 KB	2021-06-17	Jan Catrysse
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