Hello there, I think I found a problem with export Gantt to PNG. When I have task's subject with escape characters for example: "Student's Problems with new login page" I receive error (from Redmine logs):

MiniMagick::Error (`convert -size 1125x926 xc:white -stroke transparent -fill black -stroke transparent ...
- -strokewidth 1 -draw text 84,418 'Student''''s Problems with new login page' -fill ...
red -draw line 516,36 516,925 /tmp/mini_magick20200929-4913-1ne7j9r.png` failed with error:
convert-im6.q16: non-conforming drawing primitive definition `'' @ error/draw.c/RenderMVGContent/4301.
):

lib/redmine/helpers/gantt.rb:381:in `to_image'
app/controllers/gantts_controller.rb:44:in `block (2 levels) in show'
app/controllers/gantts_controller.rb:42:in `show'
lib/redmine/sudo_mode.rb:65:in `sudo_mode'

And when I except this task by filters from Gantt everything is fine. Is there any chances to fix this issue?

It used Redmine::Utils::Shell.shell_quote to escape the subject string, but it was an escaping for the string that cannot be handled by the magick-convert command.

I fixed the special character escaping process as follows.

diff --git a/lib/redmine/helpers/gantt.rb b/lib/redmine/helpers/gantt.rb
index 31956bfae..168ce43f7 100644
--- a/lib/redmine/helpers/gantt.rb
+++ b/lib/redmine/helpers/gantt.rb
@@ -400,7 +400,7 @@
 gc.stroke('transparent')
 gc.strokewidth(1)
 gc.draw("text %d,%d %s" % [
- module Redmine
  gc.stroke('transparent')
  gc.strokewidth(1)
  gc.draw('text %d,%d %s % [ 
  - left.round + 2, header_height + 14, Redmine::Shell.shell_quote(week_f.cweek.to_s)
  + left.round + 2, header_height + 14, image_text_quote(week_f.cweek.to_s)
  ])
  left = left + width
  week_f = week_f + 7

@@ -1040,10 +1040,18 @@ module Redmine
  if label
    params[image].fill('black')
    params[image].draw('text %d,%d %s % [ 
  - params[:subject_width] + (coords[:bar_end] || 0) + 5, params[:top] + 1, Redmine::Shell.shell_quote(label)
  + params[:subject_width] + (coords[:bar_end] || 0) + 5, params[:top] + 1, image_text_quote(label)
  ])
  end
  end
+ def image_text_quote(text)
+   if Redmine::Platform.mswin?
+     %Q#{text.gsub(/\(/, "\\\1")}! 
+   else
+     %Q#{text.gsub(/\(/, "\\\1")}! 
+   end
+ end end end

#3 - 2020-10-19 18:12 - Go MAEDA
- Related to Feature #30492: Replace RMagick with MiniMagick added

Files
fixed-34046.patch 2.52 KB 2020-09-30 Yuichi HARADA

2020-10-25