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.
);```

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

Related issues:
Related to Redmine - Feature # 30492: Replace RMagick with MiniMagick - Closed

History

#1 - 2020-09-29 10:27 - Go MAEDA
- Status changed from New to Confirmed

#2 - 2020-09-30 09:36 - Yuichi HARADA
- File fixed-34046.patch added

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\" % [}
```
left.round + 8, 14, Redmine::Utils::Shell::shell_quote("#{month_f.year}-%{month_f.month}")
]}
    left = left + width
    month_f = month_f >> 1
@@ -436,7 +436,7 @@ module Redmine
gc.stroke('transparent')
gc.strokewidth(1)
gc.draw('text %d,%d %s' % [
    left.round + 2, header_height + 14, Redmine::Utils::Shell::shell_quote(week_f.cweek.to_s)
]}
    left = left + width
    week_f = week_f + 7
@@ -797,7 +797,7 @@ module Redmine
params[:image].stroke('transparent')
params[:image].strokewidth(1)
params[:image].draw('text %d,%d %s' % [
    params[:indent], params[:top] + 2, Redmine::Utils::Shell::shell_quote(subject)
]}
end
@@ -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::Utils::Shell::shell_quote(label)
]}
end
end
+
+  if Redmine::Platform.mswin?
+    %Q"#{text.gsub(/\"/,'\\\"')}"!
+  else
+    %Q"#{text.gsub(/\"/,'\\\"')}"!
+  end
+end

def image_text_quote(text)

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

#4 - 2020-11-11 00:26 - Go MAEDA
- Target version set to Candidate for next minor release

Files