

Redmine - Defect #34046

Escaping symbols in task subject can broke export to Gantt (PNG)

2020-09-29 09:40 - Kirill Trofimov

Status:	Needs feedback	Start date:	
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Gantt	Estimated time:	0.00 hour
Target version:	Candidate for next minor release	Affected version:	4.1.1
Resolution:			
Description			
<p>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):</p>			
<pre>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/4 301.): 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'</pre>			
<p>And when I except this task by filters from Gantt everything is fine. Is there any chances to fix this issue?</p>			
Related issues:			
Related to Redmine - Feature #30492: Replace RMagick with MiniMagick		Closed	
Related to Redmine - Defect #38728: Correctly escape issue text in Gantt PNG ...		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 @@ module Redmine
     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.round + 8, 14, image_text_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.round + 2, header_height + 14, image_text_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)
+     params[:indent], params[:top] + 2, image_text_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.she
ll_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(/"/, '\\\\')}!"!
+   else
+     %Q!'#{text.gsub(/'/, '\\\\')}!'!
+   end
+ end
+ end
+ end
+ end
end
end
end

```

#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

#5 - 2023-10-12 04:49 - Mischa The Evil

- Status changed from Confirmed to Needs feedback

This issue seems superseded and fixed by [#38728](#). Can someone test and confirm this? Especially 'mswin' compatibility might be an issue...

[Holger Just](#): care to chime in?

#6 - 2023-10-12 04:50 - Mischa The Evil

- Related to Defect #38728: Correctly escape issue text in Gantt PNG export for ImageMagick convert added

#7 - 2023-10-12 20:31 - Kirill Trofimov

Hello,
Unfortunately can't test it, as already this instance is out of my touch.
But anyway, thanks for supporting it.

Files

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