

## Redmine - Defect #7317

### Gantt tab gives internal error due to nil avatar icon

2011-01-13 10:25 - Luke Dixon

<b>Status:</b>	Closed	<b>Start date:</b>	2011-01-13
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Jean-Philippe Lang	<b>% Done:</b>	0%
<b>Category:</b>	Gantt	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	1.1.2	<b>Affected version:</b>	1.1.0
<b>Resolution:</b>	Fixed		
<b>Description</b>			
Hello.			
All was working fine for the last few days since i installed it, including the Gantt chart tab.			
However after setting the due date on one of the versions, the Gantt tab now will not load and gives an Internal Error (500).			
I read some old issues regarding blank Strings but they were resolved.			
Ruby version 1.8.7 (i686-linux) RubyGems version 1.4.2 Rack version 1.0 Rails version 2.3.5 Active Record version 2.3.5 Active Resource version 2.3.5 Action Mailer version 2.3.5 Active Support version 2.3.5 Edge Rails revision unknown Application root /home/nicedist/redmine-1.1.0 Environment production Database adapter mysql Database schema version 20101114115359			
Error in production.log: ActionView::TemplateError (can't convert nil into String) on line #63 of app/views/gantts/show.html.erb: 60: # Width of the entire chart 61: g_width = (@gantt.date_to - @gantt.date_from + 1)*zoom 62: 63: @gantt.render(:top => headers_height + 8, :zoom => zoom, :g_width => g_width) 64: 65: g_height = [(20 * (@gantt.number_of_rows + 6))+150, 206].max 66: t_height = g_height + headers_height  lib/redmine/helpers/gantt.rb:356:in `subject_for_issue' lib/redmine/helpers/gantt.rb:221:in `render_issues' lib/redmine/helpers/gantt.rb:220:in `each' lib/redmine/helpers/gantt.rb:220:in `render_issues' lib/redmine/helpers/gantt.rb:251:in `render_version' lib/redmine/helpers/gantt.rb:203:in `render_project' lib/redmine/helpers/gantt.rb:202:in `each' lib/redmine/helpers/gantt.rb:202:in `render_project' lib/redmine/helpers/gantt.rb:166:in `render' app/views/gantts/show.html.erb:63 app/controllers/gantts_controller.rb:26:in `show' app/controllers/gantts_controller.rb:25:in `show'			
Rendering /home/nicedist/redmine-1.1.0/public/500.html (500 Internal Server Error)			
If there's nay more info you need please let me know.			
Cheers!			

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## Associated revisions

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### Revision 4968 - 2011-02-28 21:23 - Jean-Philippe Lang

Stringify avatar to prevent "can't convert nil into String" errors on gantt (#7317).

## History

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### #1 - 2011-01-17 20:35 - Etienne Massip

Are you using gravatars ?

### #2 - 2011-01-17 21:16 - Luke Dixon

Yes i am.

### #3 - 2011-01-17 23:21 - Etienne Massip

What does your mail address, as filled in your profile, looks like to (just replace ascii chars, please) ?

### #4 - 2011-01-18 10:22 - Etienne Massip

Must be an exception raised in `gravatar_url()` because of MD5 gem or whatever.

could you remove the rescue nil at the end of line 874 of `app/helpers/application_helper.rb`, try again then report the new exception stack ?

### #5 - 2011-02-14 09:58 - David Barbion

I made the modification in `app/helpers/application_helper.rb` but I still have the same exception stack...

### #6 - 2011-02-14 10:03 - Etienne Massip

Did you restart your web server before testing ?

### #7 - 2011-02-14 10:06 - Etienne Massip

Note : line is now 892 :

```
...
return gravatar(email.to_s.downcase, options) unless email.blank? rescue nil
...
```

### #8 - 2011-02-14 10:54 - Etienne Massip

The only other possibility is that someone, assigned to an issue, has a blank e-mail address.

### #9 - 2011-02-14 10:55 - Etienne Massip

Which should not happen because mail address is not supposed to be blank.

### #10 - 2011-02-28 16:19 - Terence Mill

We have same error here!

### #11 - 2011-02-28 16:38 - Etienne Massip

If you don't have any assignee with a blank mail address (note 8), could you try with the above mentioned change (notes 5 & 7) ?

### #12 - 2011-02-28 16:58 - Terence Mill

I checked all users (also disabled ones) have an email string `<>""`)

I changed line `app/helpers/application_helper.rb` 874  
from

```
return gravatar(email.to_s.downcase, options) unless email.blank? rescue nil
```

to

```
return gravatar(email.to_s.downcase, options) unless email.blank?
```

restarted apache and called gant tab

Error still is

```
ActionView::TemplateError (can't convert nil into String) on line #63 of app/views/gantts/show.html.erb:
60: # Width of the entire chart
61: g_width = (@gantt.date_to - @gantt.date_from + 1)*zoom
62:
63: @gantt.render(:top => headers_height + 8, :zoom => zoom, :g_width => g_width)
64:
65: g_height = [(20 * (@gantt.number_of_rows + 6))+150, 206].max
66: t_height = g_height + headers_height
```

```
lib/redmine/helpers/gantt.rb:356:in `subject_for_issue'
lib/redmine/helpers/gantt.rb:221:in `render_issues'
lib/redmine/helpers/gantt.rb:220:in `each'
lib/redmine/helpers/gantt.rb:220:in `render_issues'
lib/redmine/helpers/gantt.rb:197:in `render_project'
lib/redmine/helpers/gantt.rb:209:in `render_project'
lib/redmine/helpers/gantt.rb:208:in `render_project'
lib/redmine/helpers/gantt.rb:209:in `render_project'
lib/redmine/helpers/gantt.rb:208:in `render_project'
lib/redmine/helpers/gantt.rb:166:in `render'
app/views/gantts/show.html.erb:63
app/controllers/gantts_controller.rb:26:in `show'
app/controllers/gantts_controller.rb:25:in `show'
passenger (2.2.14) lib/phusion_passenger/rack/request_handler.rb:92:in `process_request'
passenger (2.2.14) lib/phusion_passenger/abstract_request_handler.rb:207:in `main_loop'
passenger (2.2.14) lib/phusion_passenger/railz/application_spawner.rb:441:in `start_request_handler'
passenger (2.2.14) lib/phusion_passenger/railz/application_spawner.rb:381:in `handle_spawn_application'
passenger (2.2.14) lib/phusion_passenger/utils.rb:252:in `safe_fork'
passenger (2.2.14) lib/phusion_passenger/railz/application_spawner.rb:377:in `handle_spawn_application'
passenger (2.2.14) lib/phusion_passenger/abstract_server.rb:352:in `__send__'
passenger (2.2.14) lib/phusion_passenger/abstract_server.rb:352:in `main_loop'
passenger (2.2.14) lib/phusion_passenger/abstract_server.rb:196:in `start_synchronously'
passenger (2.2.14) lib/phusion_passenger/abstract_server.rb:163:in `start'
passenger (2.2.14) lib/phusion_passenger/railz/application_spawner.rb:222:in `start'
passenger (2.2.14) lib/phusion_passenger/spawn_manager.rb:262:in `spawn_rails_application'
passenger (2.2.14) lib/phusion_passenger/abstract_server_collection.rb:126:in `lookup_or_add'
passenger (2.2.14) lib/phusion_passenger/spawn_manager.rb:256:in `spawn_rails_application'
passenger (2.2.14) lib/phusion_passenger/abstract_server_collection.rb:80:in `synchronize'
passenger (2.2.14) lib/phusion_passenger/abstract_server_collection.rb:79:in `synchronize'
passenger (2.2.14) lib/phusion_passenger/spawn_manager.rb:255:in `spawn_rails_application'
passenger (2.2.14) lib/phusion_passenger/spawn_manager.rb:154:in `spawn_application'
passenger (2.2.14) lib/phusion_passenger/spawn_manager.rb:287:in `handle_spawn_application'
passenger (2.2.14) lib/phusion_passenger/abstract_server.rb:352:in `__send__'
passenger (2.2.14) lib/phusion_passenger/abstract_server.rb:352:in `main_loop'
passenger (2.2.14) lib/phusion_passenger/abstract_server.rb:196:in `start_synchronously'
```

Bad issue, cause i wanted to present redmine as new bug tracking system tomorrow.  
Any ideas for a quick fix, although disabling gant module?  
Tx for help!

#### #13 - 2011-02-28 17:06 - Etienne Massip

You can just disable gravatars.

#### #14 - 2011-02-28 17:18 - Terence Mill

Etienne Massip wrote:

You can just disable gravatars.

I noticed that on some projects it working and on other not.  
I am not 100% sure, but the difference seems to be that the projects it is working are "leaf" projects, mean there are no sub projects  
And it looks like as the parent projects is call gant chart, don't have "own issues but only issues come from child projects.  
Does that maybe help to track down the problem?

I am using Wavatars, bou do you mean disabled the user pictures completly?

#### #15 - 2011-02-28 17:27 - Etienne Massip

Could you try replacing the

```
return gravatar(email.to_s.downcase, options) unless email.blank? rescue nil
```

with

```
return gravatar(email.to_s.downcase, options) || '' unless email.blank? rescue nil

?
```

And yes, I meant that (only if you want to show the Gantt).

#### #16 - 2011-02-28 18:04 - Terence Mill

Doesn't change things better :(

#### #17 - 2011-02-28 18:07 - Jean-Philippe Lang

ApplicationHelper#avatar may return nil, empty string or whatever so this patch should be an easy fix:

```
Index: lib/redmine/helpers/gantt.rb
=====
--- lib/redmine/helpers/gantt.rb      (revision 4949)
+++ lib/redmine/helpers/gantt.rb      (working copy)
@@ -353,7 +353,7 @@
     subject = "<span class='#{css_classes}'>"
     if issue.assigned_to.present?
       assigned_string = l(:field_assigned_to) + ": " + issue.assigned_to.name
-      subject << view.avatar(issue.assigned_to, :class => 'gravatar icon-gravatar', :size => 10, :title
=> assigned_string)
+      subject << view.avatar(issue.assigned_to, :class => 'gravatar icon-gravatar', :size => 10, :title
=> assigned_string).to_s
     end
     subject << view.link_to_issue(issue)
     subject << '</span>'
```

Do not forget to restart.

#### #18 - 2011-02-28 18:10 - Etienne Massip

God damn it !

The only way it can return nil is either because an exception has been raised by gravatar(...) or because gravatar(...) itself returns nil, and we just checked both, didn't we ?

#### #19 - 2011-02-28 18:14 - Terence Mill

Terence Mill wrote:

Doesn't change things better :(

BTW. From my point of view this BUG has at least priority **high**!

#### #20 - 2011-02-28 18:16 - Jean-Philippe Lang

Do you mean you still have the error? Can you give the exact version or branch/revision you're using?

#### #21 - 2011-02-28 18:17 - Etienne Massip

What plugins are you actually running with ?

#### #22 - 2011-02-28 18:18 - Terence Mill

Terence Mill wrote:

Terence Mill wrote:

Doesn't change things better :(

BTW. From my point of view this BUG has at least priority **high**!

I made some more tests and the theory that it is **not** working for parents, does not hold, because i also found some projects, it is working. I activated same modules on parent projects it is not working as on that ones it is working, but that doesn't change things. I also tested the theory that the project itself but at least on issue (in any tracker) to work around, but this doesn't hold also.

I can check other test cases if you tell me..

Hopefully this bug will be solved soon, because

**#23 - 2011-02-28 18:25 - Terence Mill**

Jean-Philippe Lang wrote:

ApplicationHelper#avatar may return nil, empty string or whatever so this patch should be an easy fix:

[...]

Do not forget to restart.

You won the prize! Fix seems to work ..

Thank our so much ;)

**#24 - 2011-02-28 18:31 - Terence Mill**

- Status changed from New to Resolved

- Assignee set to Jean-Philippe Lang

**#25 - 2011-02-28 18:47 - Jean-Philippe Lang**

- Target version set to 1.1.2

**#26 - 2011-02-28 19:08 - Etienne Massip**

Doesn't this fix have any effect on issue subject icon rendering ?

**#27 - 2011-02-28 19:09 - Etienne Massip**

- Subject changed from Gantt tab gives internal error. to Gantt tab gives internal error due to nil avatar icon

**#28 - 2011-02-28 21:25 - Jean-Philippe Lang**

- Resolution set to Fixed

Fix committed in [r4968](#).

Etienne Massip wrote:

Doesn't this fix have any effect on issue subject icon rendering ?

It certainly does. But I'm not sure it's worth to handle it.

**#29 - 2011-02-28 21:30 - Jean-Philippe Lang**

Merged in 1.1-stable in [r4969](#).

**#30 - 2011-03-06 13:53 - Jean-Philippe Lang**

- Status changed from Resolved to Closed