

## Redmine - Defect #13557

### Error on Gantt chart and calendar in v 2.3.0 with Sql Server

2013-03-22 11:07 - Stéphane POTTIER

<b>Status:</b>	Closed	<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>	2.3.0
<b>Resolution:</b>	Invalid		
<b>Description</b>			
Hi,			
After migrating MySQL database to SqlServer database, everything Ok. But i got an error when accessing Gantt chart (error 500) et the calendar don't show any issues.			
Here is the log for the gantt chart			
Completed 500 Internal Server Error in 1298ms			
ActionView::Template::Error (comparison of Date with ActiveSupport::TimeWithZone failed):			
89:			
90: # Width of the entire chart			
91: g_width = ((@gantt.date_to - @gantt.date_from + 1) * zoom).to_i			
92: @gantt.render(:top => headers_height + 8,			
93: :zoom => zoom,			
94: :g_width => g_width,			
95: :subject_width => subject_width)			
lib/redmine/helpers/gantt.rb:657:in `>'			
lib/redmine/helpers/gantt.rb:657:in `coordinates'			
lib/redmine/helpers/gantt.rb:401:in `line_for_issue'			
lib/redmine/helpers/gantt.rb:234:in `block in render_issues'			
lib/redmine/helpers/gantt.rb:232:in `each'			
lib/redmine/helpers/gantt.rb:232:in `render_issues'			
lib/redmine/helpers/gantt.rb:219:in `render_project'			
lib/redmine/helpers/gantt.rb:201:in `block in render'			
app/models/project.rb:733:in `block in project_tree'			
Thanks for help			

### History

#### #1 - 2013-03-22 11:53 - Etienne Massip

- Status changed from New to Needs feedback
- Affected version (unused) set to 2.3.0
- Resolution set to Cant reproduce
- Affected version set to 2.3.0

Can't reproduce.

What does your setup looks like, SQL Server version, do you have any plugins installed, etc. (see [SubmittingBugs](#))

Are you sure your issue table start\_date and due\_date definition and data are fine in DB after migration?  
They should be defined with 'date' type.

#### #2 - 2013-03-22 14:33 - Stéphane POTTIER

rake db:migrate : no messages.

SQL Server 2005.  
Plugins:

- DMSF v1.4.5 stable
- Redmine Impasse plugin : 1.2.2
- Issue CheckList plugin: 2.0.0
- Stealth plugin : 0.6.0
- Sidebar content: 0.1.0

Columns in issue table seems Ok (both are date format).

### #3 - 2013-03-22 14:43 - Etienne Massip

- Status changed from Needs feedback to Closed
- Resolution changed from Cant reproduce to Invalid

Sorry but SQL Server 2005 support has not been tested, Redmine supports 2008 and higher as stated in [requirements](#).

Anyway, could you try with SQL Server 2008 and reopen this issue if the error persist?

It might be caused by a plugin too, maybe you should try with no plugin installed if you can.

### #4 - 2013-03-22 16:03 - Stéphane POTTIER

- Status changed from Closed to Reopened

My base is now Under SQL Server 2008 -  
Same results on gantt chart and calendar.

Seems to be a probleme on date format.

Can you give me more information about database config (database encoding, ...) so i can look further to a solution.

Thanks

### #5 - 2013-03-22 16:04 - Stéphane POTTIER

Sorry, not exactly same error on log file :)

ActionView::Template::Error (can't convert Date into an exact number)

89:

90: # Width of the entire chart

91: g\_width = ((@gantt.date\_to - @gantt.date\_from + 1) \* zoom).to\_i

92: @gantt.render(:top => headers\_height + 8,

93: :zoom => zoom,

94: :g\_width => g\_width,

95: :subject\_width => subject\_width)

lib/redmine/helpers/gantt.rb:641:in `coordinates'

lib/redmine/helpers/gantt.rb:289:in `line\_for\_project'

### #6 - 2013-03-22 16:28 - Etienne Massip

Stéphane POTTIER wrote:

My base is now Under SQL Server 2008 -

Did you backup/restore from SQL Server 2005 or recreate the database from migration?

Edit:

Can you give me more information about database config (database encoding, ...) so i can look further to a solution.

All default, no specific configuration is needed.

### #7 - 2013-03-22 16:41 - Stéphane POTTIER

I did a backup/restore from SQL Server 2005, and change due\_date / start\_date to date type in management studio (with migration it was in datetime).

### #8 - 2013-03-22 16:51 - Etienne Massip

Stéphane POTTIER wrote:

I did a backup/restore from SQL Server 2005, and change due\_date / start\_date to date type in management studio (with migration it was in datetime).

Could you run migration to create the schema objects then restore data only?

#### #9 - 2013-03-22 16:57 - Stéphane POTTIER

Calendar error resolved (with date type) but gantt style on error.

Message change in log file:

```
ActionView::Template::Error (comparison of Date with Time failed):
89:
90: # Width of the entire chart
91: g_width = ((@gantt.date_to - @gantt.date_from + 1) * zoom).to_i
92: @gantt.render(:top => headers_height + 8,
93:             :zoom => zoom,
94:             :g_width => g_width,
95:             :subject_width => subject_width)
```

#### #10 - 2013-03-22 17:08 - Etienne Massip

Stéphane POTTIER wrote:

Calendar error resolved (with date type) but gantt style on error.

I'm sorry, what do you mean exactly?

#### #11 - 2013-03-22 17:09 - Stéphane POTTIER

Don't be sorry :)

Issues now appear in calendar vue but i've still get error 500 on gantt visualisation.

#### #12 - 2013-03-22 17:14 - Etienne Massip

Ok, could you please give the full error stack (the lines starting with lib/redmine/helpers) then?

#### #13 - 2013-03-22 17:16 - Stéphane POTTIER

Here is the log. Thanks again

```
Started GET "/redmine/projects/si-rh-tdc/issues/gantt" for 172.18.1.23 at 2013-03-22 16:42:03 +0100
Processing by GanttsController#show as HTML
Parameters: {"project_id"=>"si-rh-tdc"}
Current user: spottier (id=1)
Rendered queries/_filters.html.erb (31.3ms)
Rendered gantts/show.html.erb within layouts/base (93.8ms)
Completed 500 Internal Server Error in 1000ms
```

```
ActionView::Template::Error (comparison of Date with Time failed):
89:
90: # Width of the entire chart
91: g_width = ((@gantt.date_to - @gantt.date_from + 1) * zoom).to_i
92: @gantt.render(:top => headers_height + 8,
93:             :zoom => zoom,
94:             :g_width => g_width,
95:             :subject_width => subject_width)
app/models/project.rb:561:in `each'
app/models/project.rb:561:in `max'
app/models/project.rb:561:in `due_date'
app/models/project.rb:568:in `overdue?'
lib/redmine/helpers/gantt.rb:271:in `subject_for_project'
lib/redmine/helpers/gantt.rb:210:in `render_project'
lib/redmine/helpers/gantt.rb:201:in `block in render'
app/models/project.rb:733:in `block in project_tree'
app/models/project.rb:729:in `each'
app/models/project.rb:729:in `project_tree'
lib/redmine/helpers/gantt.rb:199:in `render'
app/views/gantts/show.html.erb:92:in `__app_views_gantts_show_html_erb__326700193_30497328'
app/controllers/gantts_controller.rb:43:in `block (2 levels) in show'
app/controllers/gantts_controller.rb:42:in `show'
```

#### #14 - 2013-03-22 18:28 - Etienne Massip

Is the 'effective\_date' of your 'versions' table a date too?

**#15 - 2013-03-25 09:32 - Stéphane POTTIER**

Hi,

That's it ! The effective\_date type in versions table was wrong.

Thanks a lot for your help!

**#16 - 2013-03-25 09:41 - Etienne Massip**

- *Status changed from Reopened to Closed*

No problem. Always stick to the requirements =)

**#17 - 2013-03-25 09:42 - Etienne Massip**

Stéphane POTTIER wrote:

That's it ! The effective\_date type in versions table was wrong.

Although it should not be if you created this table from migration in SQL Server 2008?

**#18 - 2013-09-12 17:26 - Olivier Houdas**

Wow, I finally understood why we're having issues on our Redmine installation from reading that bug...

We've been using an MS SQL 2005, which does NOT support DATE field types, it only has DATETIME or SMALLDATETIME or TIMESTAMP, which all include the time in the output.

The conclusion is that indeed, Redmine is NOT compatible with MS SQL 2005...