

## Redmine - Defect #7280

### Issues subjects wrap in Gantt

2011-01-11 08:28 - Luis Serrano Aranda

<b>Status:</b>	Closed	<b>Start date:</b>	2011-01-11
<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>	1.1.2	<b>Affected version:</b>	1.1.0
<b>Resolution:</b>	Fixed		
<b>Description</b>			
When I see the Gantt chart the subject of the petition if you have more than one line in length is cut			
<b>Related issues:</b>			
Related to Redmine - Defect # 7807: Gantt subjects rendering is broken with l...		<b>Closed</b>	<b>2011-03-08</b>
Duplicated by Redmine - Defect # 7514: Gantt: Issues names not displayed prope...		<b>Closed</b>	<b>2011-02-01</b>

#### Associated revisions

##### Revision 4780 - 2011-01-30 07:54 - Jean-Philippe Lang

Removed issue subjects wrapping in gantt (#7280).

Contributed by Etienne Massip.

##### Revision 4782 - 2011-01-30 10:09 - Jean-Philippe Lang

Reverted r4780 that broke gantt tests (#7280).

##### Revision 4913 - 2011-02-21 16:06 - Jean-Philippe Lang

Prevent text wrap in gantt subjects (#7280).

##### Revision 4914 - 2011-02-21 16:17 - Jean-Philippe Lang

Adds full subject as gantt subject title (#7280).

##### Revision 4916 - 2011-02-21 18:10 - Jean-Philippe Lang

Extracts gantt subjects styles to css (#7280).

#### History

##### #1 - 2011-01-18 16:25 - Luis Serrano Aranda

- File Capture.JPG added

Hello, no one does this happen?

Thanks

I attach a capture.

**#2 - 2011-01-18 16:41 - Dirk Schmidt**

Same happens in our Redmine.  
Exactly like in the Screenshot of Luis Serrano Aranda

**#3 - 2011-01-19 15:09 - Will Vanderpol**

Happens in ours as well.

**#4 - 2011-01-20 14:23 - Siegfried Vogel**

+1

**#5 - 2011-01-20 14:37 - Luis Serrano Aranda**

I have worked, if not quite right and looks good also in internet explorer

Change in /redmine/lib/redmine/helpers/gantt.rb

Older line 183  
options[:top\_increment] = 20 unless options.key? :top\_increment

New line 183  
options[:top\_increment] = 30 unless options.key? :top\_increment

Old line 711  
output= "<div class='.....line-height:1.2;height:16px....>

New line 711  
output= "<div class='.....line-height:1.6;height:28px....>

And in the file /redmine/app/views/gantts/show.html.erb

Old line 65  
g\_height = [(25.....

New line 65  
g\_height = [(30.....

I think this great and improves the gantt visualization

Thanks for your attention and sorry for my english

**#6 - 2011-01-20 17:18 - Dirk Schmidt**

Nearly perfect solution, but if you have a lot of Tickets there is not enough place if you scroll down the Gantt

**#7 - 2011-01-21 08:56 - Luis Serrano Aranda**

You have changed the file `/redmine/app/views/gantts/show.html.erb` ?

Put a bigger number I think is this parameter

**#8 - 2011-01-21 09:03 - Dirk Schmidt**

Your Solution works perfect. Thanks :) Good Work!

I think the Problem that i had after was caused of the Browsers Cache.

**#9 - 2011-01-28 10:30 - Stefan Langenmaier**

+1

The fix from *Luis Serrano Aranda* works, but now every row has the additional height. This can be used to work but it's not ideal yet. What happens if a title takes up the space for three lines? The best thing would be that it grows depending on the text.

Never the less, thank you very much for your work.

**#10 - 2011-01-28 12:07 - Etienne Massip**

- *File gantt\_subjects\_truncation.patch added*

What about truncating the subjects in the subjects column, as the full issue subject is displayed by the tooltip in the diagram part ?

Here's a patch.

We could also add a tooltip on subject if truncated...

**#11 - 2011-01-28 15:16 - Luis Serrano Aranda**

- *File Capture.JPG added*

I make changes to the files without my modification?

With Internet Explorer if the subject is truncated fails to calculate the position.

**#12 - 2011-01-28 15:25 - Luis Serrano Aranda**

What do you have changed in the line 360 (file `gantt.rb`) ?

Thanks

**#13 - 2011-01-28 15:31 - Etienne Massip**

Just " for ' (single quotes), absolutely useless.

**#14 - 2011-01-28 15:41 - Luis Serrano Aranda**

Ups is true sorry

**#15 - 2011-01-28 16:29 - Stefan Langenmaier**

Very nice solution! It working here.

**#16 - 2011-01-28 16:59 - Etienne Massip**

Luis Serrano Aranda wrote:

*I make changes to the files without my modification?*

*With Internet Explorer if the subject is truncated fails to calculate the position.*

Yep, damn IE6.

**#17 - 2011-01-28 19:15 - Etienne Massip**

*- Subject changed from Problems in Gantt to Issues subjects are truncated in Gantt*

**#18 - 2011-01-28 20:28 - Etienne Massip**

*- File gantt\_subjects\_truncation.patch added*

Should work with IE6 too now.

**#19 - 2011-01-28 20:29 - Etienne Massip**

*- File deleted (gantt\_subjects\_truncation.patch)*

**#20 - 2011-01-30 07:55 - Jean-Philippe Lang**

*- Status changed from New to Closed*

*- Target version set to 1.1.1*

*- Resolution set to Fixed*

Etienne, thanks for the patch. Committed in r4780 and merged in 1.1-stable.

**#21 - 2011-01-30 10:10 - Jean-Philippe Lang**

*- Status changed from Closed to Reopened*

*- Target version deleted (1.1.1)*

- Resolution deleted (Fixed)

The patch broke gantt unit tests and was reverted in r4782 (<http://www.redmine.org/builds/index.html>).

**#22 - 2011-01-30 17:52 - Etienne Massip**

- File *gantt\_subjects\_truncation.patch* added

Yes, I knew it, sorry.

This one should pass test.

**#23 - 2011-01-30 17:52 - Etienne Massip**

- File deleted (*gantt\_subjects\_truncation.patch*)

**#24 - 2011-01-31 15:51 - Etienne Massip**

- File deleted (*gantt\_subjects\_truncation.patch*)

**#25 - 2011-02-01 16:30 - Etienne Massip**

- File *gantt\_subjects\_truncation.patch* added

This one should pass test and be compatible with IE6.

**#26 - 2011-02-07 12:48 - Luis Serrano Aranda**

Perfect but when I put the title in all caps, when exporting to pdf gives problems

Thanks

**#27 - 2011-02-07 13:45 - Etienne Massip**

Luis Serrano Aranda wrote:

*Perfect but when I put the title in all caps, when exporting to pdf gives problems*

*Thanks*

What kind of problem ? This patch is not supposed to have any impact on PDF export, are you sure that your problem was not present before you applied the patch ?

**#28 - 2011-02-09 12:35 - Matthias Neubert**

This patch seems to just cut of the long names of issues.

This is not very usefull when the gantt chart is printed (hence no mouseover)

-> Why not have 2 lines or more when name is soo long, but displayed proper an not

shown als little dots under the first line.

btw: no hard problems with Redmine 1.11 and patch applied.

-> but when last word before truncation is too long, the word it self and "(..)" overlaps with the bar in diagram of this issue.

**#29 - 2011-02-09 13:57 - Etienne Massip**

Yes, this patch is not nearly a perfect solution, it just enhances the Gantt visual aspect by removing subject overlapping.

Subject length mostly overstep default width of the subjects div (at least on my redmine) so there would be almost half the issues eventually listed on the screen, that could be a problem.

| *This is not very usefull when the gantt chart is printed (hence no mouseover)*

Gantt tab is not very well suited for direct screen printing, is it ? PDF should be a better choice ?

| *but when last word before truncation is too long, the word it self and "(..)" overlaps with*

the bar in diagram of this issue.

Could you post a screenshot ? What browser are you using ?

**#30 - 2011-02-09 17:09 - Matthias Neubert**

- File *ganttt.png* added

I use Firefox 3.6, screen shot of th pdf is attached

**#31 - 2011-02-09 17:18 - Etienne Massip**

As I said before :

| *This patch is not supposed to have any impact on PDF export, are you sure that your problem was not present before you applied the patch ?*

**#32 - 2011-02-17 14:28 - Anonymous**

- File *ganttt\_subject\_truncation\_updated.patch* added

Entienne, thanks for the patch. It solves the issue, however, your new patch still breaks 3 unit tests.

1) Failure:

test: #subject\_for\_issue :html format should add an absolute positioned div. (Redmine::Helpers::GanttTest)

[/test/unit/lib/redmine/helpers/ganttt\_test.rb:620:in `\_\_bind\_1297945857\_987240'

shoulda (2.10.3) lib/shoulda/context.rb:362:in `call'

shoulda (2.10.3) lib/shoulda/context.rb:362:in `test: #subject\_for\_issue :html format should add an absolute positioned div. ']:

Expected at least 1 element matching "div[style\*='absolute']", found 0.  
<false> is not true.

2) Failure:

```
test: #subject_for_project :html format should add an absolute positioned div. (Redmine::Helpers::GanttTest)
  [/test/unit/lib/redmine/helpers/gantt_test.rb:288:in `__bind_1297945862_896580'
  shoulda (2.10.3) lib/shoulda/context.rb:362:in `call'
  shoulda (2.10.3) lib/shoulda/context.rb:362:in `test: #subject_for_project :html format should add an absolute positioned div. ']:
Expected at least 1 element matching "div[style*='absolute']", found 0.
<false> is not true.
```

3) Failure:

```
test: #subject_for_version :html format should add an absolute positioned div. (Redmine::Helpers::GanttTest)
  [/test/unit/lib/redmine/helpers/gantt_test.rb:454:in `__bind_1297945867_486670'
  shoulda (2.10.3) lib/shoulda/context.rb:362:in `call'
  shoulda (2.10.3) lib/shoulda/context.rb:362:in `test: #subject_for_version :html format should add an absolute positioned div. ']:
Expected at least 1 element matching "div[style*='absolute']", found 0.
<false> is not true.
```

946 tests, 3639 assertions, 3 failures, 0 errors

This happens because you moved this css to application.css, making these tests unnecessary:

```
+.gantt_subject { position: absolute; height: 16px; line-height: 1.2em; }
+.gantt_subject-text { position: absolute; white-space: nowrap; overflow: hidden; text-overflow: ellipsis; }
```

I removed these tests and made an updated patch.

#### **#33 - 2011-02-17 14:43 - Etienne Massip**

Thanks.

BTW, this patch does not really solve the problem, it only prevents the actual ugly vertical override.

Maybe we could try some other way like adding a horizontal moving separator between subjects and lines in addition to this truncation, thus one could resize at will the subject bar to whatever he needs if the default width does not fit his need.

#### **#34 - 2011-02-17 14:58 - Etienne Massip**

There are leads [here](#) or [here](#).

#### **#35 - 2011-02-17 15:33 - Anonymous**

Well the patch does makes the html view consistent with the pdf view.

A moving separator seems a bit over the top solution to only show the issue name. Actually, I like your previous suggestion of showing a tooltip with the full issue name.

**#36 - 2011-02-17 15:40 - Etienne Massip**

Pieter Nicolai wrote:

| *A moving separator seems a bit over the top solution to only show the issue name.*

I was also thinking about the possibility later on to add columns to the subjects bar.

**#37 - 2011-02-21 15:56 - Anonymous**

- *File gantt\_truncate\_subjects\_add\_tooltip.diff added*

I added tooltips for each gantt subject which show the full title. See attached patch.

All tests pass. Hope this can get included in 1.1.2 since this issue is what is holding us back updating Redmine to 1.1.x at our company.

**#38 - 2011-02-21 16:13 - Etienne Massip**

Nice.

You should replace the `to_s_with_project` in `source:/trunk/lib/redmine/helpers/gantt.rb` with something like the result of `format_version_name()` in `source:/trunk/app/helpers/application_helper.rb#L176`

**#39 - 2011-02-21 16:21 - Jean-Philippe Lang**

- *Subject changed from Issues subjects are truncated in Gantt to Issues subjects wrap in Gantt*

I've fixed text wrapping issue in r4913 based on Etienne's patch.

Full issue subject added as title in r4914.

**#40 - 2011-02-21 16:23 - Jean-Philippe Lang**

- *Target version set to 1.1.2*

- *Resolution set to Fixed*

**#41 - 2011-02-21 16:26 - Etienne Massip**

I'd test it with IE6 as applying style directly to div instead of span (white-space and text-overflow) didn't work previously (see note 16).

**#42 - 2011-02-21 16:52 - Etienne Massip**

As feared, new rendering of the Gantt with IE6 is very ugly :

- no subject text for truncated subjects when the issue is assigned and using gravatar
- else, subject text for truncated subjects is displayed over the issue icon

I think that CSS should be move out from the page to the stylesheet, firstly because it's bad habit to repeat style with the style attribute and secondly because that would lighten the html when rendering a lot of issues in the Gantt.



Plus : why not truncate the version and project subjects too ?

**#43 - 2011-02-21 16:53 - Etienne Massip**

- Status changed from Reopened to 7

**#44 - 2011-02-21 16:58 - Etienne Massip**

Sorry, couldn't reopen the issue (#7678) :/

**#45 - 2011-02-21 18:28 - Jean-Philippe Lang**

Etienne Massip wrote:

| *As feared, new rendering of the Gantt with IE6 is very ugly :*

Maybe replacing the div in #html\_subject with a span would make IE6 happy? Can you give a try?

| *I think that CSS should be move out from the page to the stylesheet, firstly because it's bad habit to repeat style with the style attribute and secondly because that would lighten the html when rendering a lot of issues in the Gantt.*

Done in r4916.

| *Plus : why not truncate the version and project subjects too ?*

They are truncated. Do you mean adding a title to the div?

**#46 - 2011-02-21 19:21 - Etienne Massip**

Jean-Philippe Lang wrote:

| *Etienne Massip wrote:*

| | *As feared, new rendering of the Gantt with IE6 is very ugly :*

| | *Maybe replacing the div in #html\_subject with a span would make IE6 happy? Can you give a try?*

| | *Plus : why not truncate the version and project subjects too ?*

IE6 is very thought to satisfy, I think I've already try this trick ; I'll try again and tell you back.

| *They are truncated. Do you mean adding a title to the div?*

Ok, maybe should I put my glasses on...adding the title would be nice also.

**#47 - 2011-02-21 20:01 - Etienne Massip**

Still ugly.

You should be able to reproduce this behavior with IE by switching document mode to IE7.

I made a LOT of tries with css / html and the only configuration finally doing fine is the one I included with the patch.

**#48 - 2011-02-23 09:11 - Chris Darts**

I've just applied this patch with v1.1.1 and it works fine. I also use the patch from [\[#2024\]](#) and there seems to be no conflict with regards to the layout.

I've tested it in FireFox 3.6 and Chrome 9.0.597.9 on Ubuntu 10.10. Not tried IE I'm afraid.

Thanks for this great patch.

**#49 - 2011-03-06 13:51 - Jean-Philippe Lang**

- *Status changed from 7 to Closed*

r4913, r4914, r4916 merged in 1.1-stable.

We may open a specific issue for IE6 behaviour.

**#50 - 2011-03-06 20:16 - Etienne Massip**

Are you sure ?

This is pretty regressive for IE6 users (and they are still numerous) if they use Gantt+avatars.

That would be nice to have it fixed too as we know there is a solution (at least one).

**#51 - 2011-03-06 20:29 - Anonymous**

Now that Microsoft is even trying to kill IE6, see <http://ie6countdown.com/>, I wonder if it still worth the effort to provide workarounds specific for IE6. Fact is that it is a 10 year old browser which doesn't follow web standards.

**#52 - 2011-03-06 22:33 - Etienne Massip**

IE6 is far from being dead ; about 3.6 % as for Jan. 2011, which is more than Opera.

My company switched to IE8 only 2 months ago.

I think we should support it.

**#53 - 2011-03-08 13:00 - Ruben Kruiswijk**

Why are the gantt fixes made in the application.css and not in a separate css file? Custom themes/stylesheets are not getting updated this way. This

doesn't apply to this issue only of course.

## Files

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Capture.JPG	128 KB	2011-01-18	Luis Serrano Aranda
Capture.JPG	23.8 KB	2011-01-28	Luis Serrano Aranda
gantt_subjects_truncation.patch	5.19 KB	2011-02-01	Etienne Massip
gantt.png	30.9 KB	2011-02-09	Matthias Neubert
gantt_subject_truncation_updated.patch	6.99 KB	2011-02-17	Anonymous
gantt_truncate_subjects_add_tooltip.diff	7.15 KB	2011-02-21	Anonymous