

## Redmine - Feature #6417

### Allow collapse/expand in gantt chart

2010-09-16 19:31 - N G

<b>Status:</b>	Closed	<b>Start date:</b>	2010-09-16
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Go MAEDA	<b>% Done:</b>	0%
<b>Category:</b>	Gantt	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	4.1.0		
<b>Resolution:</b>	Fixed		
<b>Description</b>			
<p>Eric - it would be great if there was a way to collapse nested structures in the Gantt chart plugin you developed.. for example, if we don't want to see all the tasks/bugs for our versions, but just want a high level picture of what's coming up, it would be nice to be able to collapse each version to a single row that shows the due date for the version. Possible? Thanks!</p>			
<b>Related issues:</b>			
Related to Redmine - Feature # 8897: Be able to reorder tasks/issues in the G...		<b>New</b>	<b>2011-07-25</b>
Related to Redmine - Defect # 32812: Clicking on a parent object in gantt wro...		<b>Closed</b>	
Duplicated by Redmine - Feature # 13063: Make Gantt chart issues collapsible		<b>Closed</b>	
Duplicated by Redmine - Feature # 11636: tree structure of Gantt		<b>Closed</b>	
Duplicated by Redmine - Feature # 26467: expand & collapse gantt chart list		<b>Closed</b>	

#### Associated revisions

##### Revision 17925 - 2019-03-04 13:07 - Go MAEDA

Allow collapse/expand in gantt chart (#6417).

Patch by Yuichi HARADA.

##### Revision 17926 - 2019-03-04 13:47 - Go MAEDA

Reverted r17925 (#6417). The change breaks GanttHelperTest.

##### Revision 17929 - 2019-03-05 15:52 - Go MAEDA

Allow collapse/expand in gantt chart (#6417).

Patch by Yuichi HARADA.

#### History

##### #1 - 2010-09-16 19:57 - Eric Davis

- Category set to Gantt

- Assignee deleted (Eric Davis)

It would be possible but it will take a lot of work because of how the Gantt chart is rendered. If someone wants to work on this, I'd be happy to review a patch for it.

**#2 - 2011-03-27 13:27 - Hans Bangkok**

+1 I've got a lot of Versions (non-software PM "milestones")

At least being able to collapse the Roadmap's version sections would be start - and probably easier?

**#3 - 2011-09-13 17:21 - Pierluigi Soana**

+1

**#4 - 2012-04-24 09:58 - Artem Tykhonov**

+1

**#5 - 2012-04-24 13:31 - Cassiano Monteiro**

+1!

**#6 - 2012-04-26 04:48 - Terence Mill**

+1

**#7 - 2012-04-28 16:36 - Robert Johnson**

+1

**#8 - 2012-09-14 12:11 - Luis Serrano Aranda**

+1

**#9 - 2013-03-20 17:07 - Dipan Mehta**

This is a duplication of #1294 which is closed in favor of #12032 + #10525.

**#10 - 2013-03-25 09:36 - Toshi MARUYAMA**

Dipan Mehta wrote:

| *This is a duplication of #1294 which is closed in favor of #12032 + #10525.*

No. This issue is "collapse/expand in Gantt chart" like Redmine SCM browser.

**#11 - 2014-04-22 12:34 - Toshi MARUYAMA**

- Duplicated by Feature #11636: tree structure of Gantt added

**#12 - 2014-04-22 12:34 - Toshi MARUYAMA**

- Related to Feature #8897: Be able to reorder tasks/issues in the Gantt chart added

**#13 - 2014-10-28 21:28 - James H**

+1

**#14 - 2016-02-19 11:09 - Alexander Mikheyev**

Hi all,  
is any progress on collapse/expand Gantt tasks hierarchy?

**#15 - 2017-01-10 07:33 - Florian Riedel**

+1

**#16 - 2017-07-18 17:47 - Mischa The Evil**

- Duplicated by Feature #26467: expand & collapse gantt chart list added

**#17 - 2017-07-19 08:54 - Randa Bustami**

Hi All,  
is there a chance to make it soon pls ?

**#18 - 2017-11-13 03:20 - Mizuki ISHIKAWA**

+1

**#19 - 2019-01-31 03:41 - Yuichi HARADA**

- File `expand_gantt.png` added  
- File `collapse_gantt.png` added  
- File `6417-collapse-expand-gantt.patch` added

I created the function collapse/expand of the Gantt chart.  
I attached a patch.

**[Expand]**

`expand_gantt.png`

**[Collapse]**

`collapse_gantt.png`

**#20 - 2019-02-02 07:11 - Go MAEDA**

- Target version set to Candidate for next major release

**#21 - 2019-02-24 13:30 - Go MAEDA**

- Target version changed from Candidate for next major release to 4.1.0

LGTM. It is an excellent improvement. Setting the target version to 4.1.0.

**#22 - 2019-02-25 14:06 - Go MAEDA**

- File *vertical-alignment@2x.png* added

After applying the patch, objects in the same indentation level are not horizontally aligned. Please see the screenshot below. Could you check the patch?

*vertical-alignment@2x.png*

**#23 - 2019-03-04 05:41 - Yuichi HARADA**

- File *6417-collapse-expand-gantt-v2.patch* added

Go MAEDA wrote:

*After applying the patch, objects in the same indentation level are not horizontally aligned. Please see the screenshot below. Could you check the patch?*

I adjusted the horizontal position. #html\_subject method's params is the Hash object. Because we inherited params[:indent] (Horizontal position), the calculation result of params[:indent] of the new parent hierarchy was wrong.

I rebuilt the patch.

**#24 - 2019-03-04 06:00 - Go MAEDA**

I confirmed that all issues in the previous patch have been fixed. Thank you for working on this. I will commit this patch within a few days.

**#25 - 2019-03-04 13:07 - Go MAEDA**

- Status changed from New to Closed

- Assignee set to Go MAEDA

- Resolution set to Fixed

Committed the patch. Thank you for your contribution.

**#26 - 2019-03-04 13:08 - Go MAEDA**

- Subject changed from Allow collapse/expand in Gantt chart to Allow collapse/expand in gantt chart

**#27 - 2019-03-04 13:47 - Go MAEDA**

- Status changed from Closed to Reopened

- Resolution deleted (Fixed)

The patch breaks GanttHelperTest. Could you fix the failing tests?

**#28 - 2019-03-05 03:50 - Yuichi HARADA**

- File 6417-collapse-expand-gantt-v3.patch added

Go MAEDA wrote:

| The patch breaks GanttHelperTest. Could you fix the failing tests?

Sorry, I fixed the failed tests.

I rebuilt a patch.

**#29 - 2019-03-05 16:50 - Go MAEDA**

- Status changed from Reopened to Closed

- Resolution set to Fixed

Committed. Thanks.

**#30 - 2019-04-08 12:57 - Abc4329803 ZHE**

[root@host plugins]# patch -p0 < 6417-collapse-expand-gantt-v3.patch

can't find file to patch at input line 5

Perhaps you used the wrong -p or -/strip option?

The text leading up to this was:

```
-----|diff --git a/app/views/gantts/show.html.erb b/app/views/gantts/show.html.erb|index 90f6a85fa..a51abdcde 100644|---
a/app/views/gantts/show.html.erb|+++ b/app/views/gantts/show.html.erb
-----
```

My redmine version is 3.4.

Why I have this problem?

**#31 - 2019-04-12 22:25 - Matt M**

I just applied the patch to a 4.0.2 install, I noticed an issue though collapsing, I have a very complex hierarchy and this patch completely disrupts it. I.E. a sub-project of a sub-project of a primary project gets lumped under the version of the sub-project, and is not collapsible, which causes issues with the rendering of the hierarchy and collapsing further down, I.E. collapsing a sub-project encapsulates the last sub-project within the main project. I would put pics but my layout is complex => I got a pic to show an example.

In this pic if I collapse Mechanical Design then software will disappear, even though they are inline projects.

<https://www.dropbox.com/s/3ftkzp7rg06lepd/Screenshot%202019-04-12%2013.27.34.png?raw=1>

**#32 - 2020-01-16 04:39 - Go MAEDA**

- Related to Defect #32812: Clicking on a parent object in gantt wrongly collapses objects at the same level added

## Files

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expand_gantt.png	346 KB	2019-01-31	Yuichi HARADA
collapse_gantt.png	293 KB	2019-01-31	Yuichi HARADA
6417-collapse-expand-gantt.patch	11.1 KB	2019-01-31	Yuichi HARADA
vertical-alignment@2x.png	23.8 KB	2019-02-25	Go MAEDA
6417-collapse-expand-gantt-v2.patch	11.3 KB	2019-03-04	Yuichi HARADA
6417-collapse-expand-gantt-v3.patch	12.5 KB	2019-03-05	Yuichi HARADA