

Gantt filters

2022/05/09 15:19 - Admin Redmine

ステータス:	New	開始日:	2011/01/26
優先度:	通常	期日:	
担当者:		進捗率:	0%
カテゴリ:	Gantt_34	予定工数:	0.00時間
対象バージョン:	Candidate for next major release_32	作業時間:	0.00時間
Redmineorg_URL:	https://www.redmine.org/issues/7456	status_id:	1
category_id:	34	tracker_id:	3
version_id:	32	plus1:	1
issue_org_id:	7456	affected_version:	
author_id:	6508	closed_on:	
assigned_to_id:	0	affected_version_id:	
comments:	52		

説明

This patch fixes a number of issues related to Gantt display (#6300, #6605, #7000, #7352, #6476, #5817) :

- query filters (project, subproject, versions, etc.) should work fine now
- renders fine the project / version / subproject / issue, etc. hierarchy
- does not render anymore empty versions or projects
- issues are sorted by start_date (issue without any start_date are listed after the others)
- maybe a bit faster (~30% on my Gantt) and there is still room for enhancement

Previous tests pass, Gantt tests "#number of rows in project" have been removed (now meaningless).
New tests still to come.

-Not tested yet with MySQL, tested with pg 8.4 and 9.0, sqlite3.- Works with every supported DBs.

Comments and feedback are welcome.

journals

My bad, missed broken tests.

This is the good one.

That's a big patch that is supposed to fix several defects and no tests are included.

I think it should be split into smaller ones that fix a specific issue, with each of them including test(s) for the fix.

I think I can just split it into 2 patches : the first one one for the rendering algorithm which is about 95% of modified code and the second one for issue sorting which is a very tiny one. Both are attached.

It may look a big patch but just a few methods are actually modified ; that is mainly the @render()@ method and its callees.

About the tests, you're right but there are Gantt tests already and I'm not used to writing ruby tests so it'll take a bit more time (and there is quite a bunch of work to go).

That's also why I posted the patch : to get some feedback to be sure I'm not going straight to the wrong direction before writing the tests.

Great!
I couldn't apply gantt_filters_render.patch and then apply gantt_filters_issue_compare.patch (I used tortoise svn and get conflict on second patch) so I applied gantt_filters.patch (I guess it combines both this patches)

I found an error showed in attached file. "test2" is subproject of "testpr" and there are two test2 projects. One with versioned issue and other with unversioned issue. Also I think version "testprVersion" should be before subprojects because it belongs to testpr

Glad I have someone to help !

I knew this bug, this is the only one remaining AFAIK ; I thought I would upload the final version with associated tests I'm actually trying to write.

Anyway, here's the fixed .patch file (just fixed the .patch file itself directly from memory, hope it will be Ok).

Thanks for your feedback !

I tried the new .patch but there is a conflict with query.rb

Since my redmine is in production, I couldn't try to understand the issue and reverted
I'll let you know if I find the cause

I have a question though, don't you think it would be best to display only projects that have tickets displayed in them ? For example, if I select an Assignee, all my projects are listed even if the assignee is not part of it.

Regards

Alcnedlor Nuratar wrote:

I tried the new .patch but there is a conflict with query.rb

Since my redmine is in production, I couldn't try to understand the issue and reverted
I'll let you know if I find the cause

I just tried on trunk and had no conflict ; since @query.rb@ hasn't been modified since 1.1.1 was released, it should work with stable too.

I have a question though, don't you think it would be best to display only projects that have tickets displayed in them ? For example, if I select an Assignee, all my projects are listed even if the assignee is not part of it.

Well, the patch actually change this behavior : only projects and versions with issues not filtered out are displayed.

Thank you for the quick answer and I must apologize, I should have looked more deeply

I have a conflict, that's the truth... but I don't really know why
The line
@(filters_clauses << project_statement(Issue.table_name)).join(' AND ')@
was not updated correctly

Except for this little trick, the patch works great

Thank you

Alcnedlor Nuratar wrote:

Thank you for the quick answer and I must apologize, I should have looked more deeply

I have a conflict, that's the truth... but I don't really know why

The line
@(filters_clauses << project_statement(Issue.table_name)).join(' AND ')@
was not updated correctly

What's your redMine version ? 1.1.1 ? How did you apply the patch ?

Except for this little trick, the patch works great

If you could give me some feedback, that would be great !

Thanks !

Hum,

I have currently Redmine 1.1.1 (2011-01-30)
To apply the patch, I used
@patch -p0 < gantt_filters.patch@

Otherwise, I don't know what to report :-)

- It is now possible to filter by projects
- Only projects that contains non-filtered tasks are displayed
- Issues are correctly sorted by started date (older first)
- also, if I clear every filters, I think that more issues are displayed (but it's just an impression, nothing scientific in the test)

My DB is MySQL also, so this seems be DB independent

That's all for now

Perfect, thanks a lot !

I now know that it works with MySQL too =)

I've just tried to run the gantt_filters.patch (v2) on v1.1.1 and it failed with the following error message:

```
(Stripping trailing CRs from patch.)
patching file app/models/issue.rb
(Stripping trailing CRs from patch.)
patching file app/models/query.rb
(Stripping trailing CRs from patch.)
patching file lib/redmine/helpers/gantt.rb
Hunk #3 succeeded at 99 (offset 1 line).
Hunk #4 FAILED at 115.
Hunk #5 succeeded at 301 (offset 22 lines).
Hunk #6 FAILED at 299.
Hunk #7 succeeded at 364 with fuzz 1 (offset 38 lines).
Hunk #8 succeeded at 402 (offset 41 lines).
Hunk #9 succeeded at 434 (offset 41 lines).
Hunk #10 succeeded at 466 (offset 41 lines).
Hunk #11 succeeded at 483 (offset 41 lines).
Hunk #12 succeeded at 491 (offset 41 lines).
Hunk #13 succeeded at 503 (offset 41 lines).
Hunk #14 succeeded at 521 (offset 41 lines).
Hunk #15 succeeded at 537 (offset 41 lines).
Hunk #16 succeeded at 557 (offset 41 lines).
Hunk #17 succeeded at 583 (offset 41 lines).
Hunk #18 succeeded at 600 (offset 41 lines).
Hunk #19 FAILED at 580.
Hunk #20 succeeded at 723 (offset 123 lines).
Hunk #21 succeeded at 733 (offset 123 lines).
Hunk #22 succeeded at 746 (offset 123 lines).
Hunk #23 succeeded at 754 (offset 123 lines).
Hunk #24 succeeded at 794 (offset 123 lines).
```

```
Hunk #25 succeeded at 809 with fuzz 2 (offset 123 lines).
Hunk #26 succeeded at 817 (offset 123 lines).
Hunk #27 succeeded at 892 (offset 140 lines).
3 out of 27 hunks FAILED -- saving rejects to file lib/redmine/helpers/gantt.rb.rej
(Stripping trailing CRs from patch.)
patching file test/unit/lib/redmine/helpers/gantt_test.rb
```

Any help would be much appreciated.

Are you using 1.1.1 stable or trunk ?

I guess you are trying to patch an already patched @lib/redmine/helpers/gantt.rb@ with #2024.

That is a bit touchy as this patch (gantt_filters) is quite a bit destructive, you'll have to patch some part by hand.

Yes, sorry I forgot to mention that I had applied the patch under [#2024] beforehand.

Ideally I would like to use both patches as they seem to offer the perfect combination of what I need to achieve using the gantt chart. I guess it isn't that easy at the moment?

I'm fairly new to Redmine and even more so to patches, so I'm not sure how comfortable I would be to do some of the patching by hand. Any help or advise would be greatly received.

I'm currently setting up a separate instance of Redmine to try your patch on it's own, without the gantt chart editing in issue [#2024]. I'll let you know how that goes.

I've just tried this patch on a fresh install of Redmine 1.1.1 (taken from the svn repository) and it seems to work fine now. Looks like the conflict was indeed with another gantt chart patch [#2024].

My only question now is that the gantt chart doesn't seem to appear any different from how it looked pre-patch. I have only run the 'gantt_filters.patch' (v2), as I'm not sure if the 'gantt_filters_render.patch' and 'gantt_filters_issue_compare.patch' are still relevant.

I'm just wondering if most of the issues fixed with this patch are now in the core system, which I why I'm not seeing any difference.

Can anyone highlight the main issues this patch is intended to resolve and if it's still necessary with 1.1.1. Should I also be applying the other 2 patches as listed above?

Thanks.

I just removed remaining irrelevant patches.

As for what it does, I thought that the list in the description was pretty clear :(

Mostly, projects and versions which have no issue related are not displayed anymore, query filters are all taken into account and issue sorting is a bit more precise.

And no, it has not been incorporated to core.

Thanks Etienne, I appreciate your quick response.

The list is pretty clear, but it just made me wonder as I didn't see any difference on my system. It's probably because I was only viewing one test project and didn't look at it across all projects. Now I look at all projects and issues I can see the improvements. Sorry, this was my fault.

Thanks for removing the redundant files, this will be a big help for anyone new to this thread.

I tried to patch 1.1.1.stable.5000 but to no avail.

```
patch -p0 < gantt_filters.patch
```

Failed with on all points, what am I doing wrong?

You may have already applied another patch on your gantt ?

If not, try with @-p1@.

Etienne Massip wrote:

You may have already applied another patch on your gantt ?

If not, try with @-p1@.

No but tried it anyway and it didn't work, any chance on this being fixed soon in a release?
Because this breaks the gantt charting :(

Just done it on r5000 without any problem, and this patch is still applicable on trunk.

What failures were you talking about, exactly ?

Please revert your changes on @lib/redmine/helpers/gantt.rb@, @app/models/issue.rb@ and @app/models/query.rb@ before patching.

Etienne Massip wrote:

Just done it on r5000 without any problem, and this patch is still applicable on trunk.

What failures were you talking about, exactly ?

Please revert your changes on @lib/redmine/helpers/gantt.rb@, @app/models/issue.rb@ and @app/models/query.rb@ before patching.

I'm at revision 5022 btw. Really don't know what i am doing wrong.

```
patch -p0 < gantt_filters.patch
```

Hmm... Looks like a unified diff to me...

The text leading up to this was:

```
-----  
|Index: app/models/issue.rb
```

```
|=====
```

--	app/models/issue.rb	(revision 4761)
++	app/models/issue.rb	(working copy)

```
-----
```

Patching file app/models/issue.rb using Plan A...

Hunk #1 failed at 17.

Hunk #2 failed at 68.

Hunk #3 failed at 75.

3 out of 3 hunks failed--saving rejects to app/models/issue.rb.rej

Hmm... The next patch looks like a unified diff to me...

The text leading up to this was:

```
-----  
|Index: app/models/query.rb
```

```
|=====
```

--	app/models/query.rb	(revision 4761)
++	app/models/query.rb	(working copy)

```
-----
```

Patching file app/models/query.rb using Plan A...

Hunk #1 failed at 388.

Hunk #2 failed at 434.

Hunk #3 failed at 443.

Hunk #4 failed at 496.

Hunk #5 failed at 508.
Hunk #6 failed at 537.
Hunk #7 failed at 569.
7 out of 7 hunks failed--saving rejects to app/models/query.rb.rej
Hmm... The next patch looks like a unified diff to me...
The text leading up to this was:

```
-----  
|Index: lib/redmine/helpers/gantt.rb  
|=====
```

```
|--- lib/redmine/helpers/gantt.rb          (revision 4761)  
|+++ lib/redmine/helpers/gantt.rb          (working copy)
```

Patching file lib/redmine/helpers/gantt.rb using Plan A...

Hunk #1 failed at 38.
Hunk #2 failed at 53.
Hunk #3 failed at 98.
Hunk #4 failed at 115.
Hunk #5 failed at 429.
Hunk #6 failed at 449.
Hunk #7 failed at 471.
Hunk #8 failed at 506.
Hunk #9 failed at 538.
Hunk #10 failed at 570.
Hunk #11 failed at 587.
Hunk #12 failed at 595.
Hunk #13 failed at 607.
Hunk #14 failed at 625.
Hunk #15 failed at 641.
Hunk #16 failed at 661.
Hunk #17 failed at 687.
Hunk #18 failed at 704.
Hunk #19 failed at 725.
Hunk #20 failed at 745.
Hunk #21 failed at 755.
Hunk #22 failed at 768.
Hunk #23 failed at 776.
Hunk #24 failed at 816.
Hunk #25 failed at 831.
Hunk #26 failed at 839.
Hunk #27 failed at 897.

27 out of 27 hunks failed--saving rejects to lib/redmine/helpers/gantt.rb.rej
Hmm... The next patch looks like a unified diff to me...
The text leading up to this was:

```
-----  
|Index: test/unit/lib/redmine/helpers/gantt_test.rb  
|=====
```

```
|--- test/unit/lib/redmine/helpers/gantt_test.rb          (revision 4761)  
|+++ test/unit/lib/redmine/helpers/gantt_test.rb          (working copy)
```

Patching file test/unit/lib/redmine/helpers/gantt_test.rb using Plan A...

Hunk #1 failed at 91.

1 out of 1 hunks failed--saving rejects to test/unit/lib/redmine/helpers/gantt_test.rb.rej

Here's my @patch -p0 --verbose < gantt_filters.patch@ results on r5021 (windows).

Sorry, I've no clue why yours just fail. I suppose that your @cwd@ is redmine ?

Etienne Massip wrote:

Here's my @patch -p0 --verbose < gantt_filters.patch@ results on r5021 (windows).

Sorry, I've no clue why yours just fail. I suppose that your @cwd@ is redmine ?

Yes it's the current working directory, /home/www/redmine-1.1/

I'm running FreeBSD by the way.

Here are the files once patched, could you create a patch and compare both patches which each other ?

Etienne Massip wrote:

Here are the files once patched, could you create a patch and compare both patches which each other ?

Very weird, this patch is very different. I deleted the 3 files and got them fresh from the 1.1 repository

I included both patches + diff file in the zip.

I guess that's mostly because patched files I sent to you where based on r5021.

Could you please do the same thing again, this time with the files matching your redmine (I uploaded 2 archives : one for version:1.1.1 / r4786 and one for version:1.1.0 / r4672) ?

Etienne Massip wrote:

I guess that's mostly because patched files I sent to you where based on r5021.

Could you please do the same thing again, this time with the files matching your redmine (I uploaded 2 archives : one for version:1.1.1 / r4786 and one for version:1.1.0 / r4672) ?

Done!

I've just committed some changes to the gantt chart rendering in r5077.

It should basically implements the changes proposed in the patch, except the issue sort change.

You're a damn good coder, nice clean code !

I think you've fixed #6605 too, didn't you ?

I'll run some tests tomorrow, the few ones I wrote til now all passe =)

Guess you can remove the @Issue#for_gantt@ scope too ?

And maybe the @GanttHelper#number_of_issues_on_versions@, I can't find any use of it in the project ?

Thanks :-)

Etienne Massip wrote:

Guess you can remove the @Issue#for_gantt@ scope too ?

And maybe the @GanttHelper#number_of_issues_on_versions@, I can't find any use of it in the project ?

Cleanup done. There's maybe more to do.

There's still at least 1 glitch :

If a subproject issue is targeted to the parent project shared version, its path is rendered as :

parent -> subproject -> shared version -> shared version issues (including parent issues)

It should be :

parent -> shared version -> subproject -> shared version issues (including parent issues)

Here, @parent@ is what I named "top_version_project" in the patch, this is the project the version should be rendered aside.

The current implementation actually gives what I was expecting (and what is expected in #6476 note-2).

I think it makes sense to display the shared version under the subproject, not the opposite.

I disagree : Gantt is a planning tool and you're planning your issue around a version and then, or if there is no version, around a project.

What note-2 is proposing is to follow the project first and your version second which is wrong to me (you split your version in several Gantt branches).

About #6476, I think that rendering should be different in function of context project.

Version's project Gantt :

parent -> shared version -> subproject -> shared version issues (including parent issues)

Subproject Gantt :

subproject -> shared version -> shared version issues (excluding parent issues)

Jean-Philippe Lang wrote:

I've just committed some changes to the gantt chart rendering in r5077.
It should basically implements the changes proposed in the patch, except the issue sort change.

I'm interested to find out why the issue sort change was not included in this update.

I've just tested 1.2.0 and there are a number of improvements on the Gantt chart, some or most of which I assuming originated from this patch. However, it seems there is no way to influence the sort order issues in the Gantt chart, with the default being the issue id. It would be great if the Gantt could take the sorting order from the issue list or after selecting a specific custom query from the sidebar.

Are there any plans to incorporate the missing aspects from this patch, in particular the sort issue, into Redmine core in the near future?

Thanks.

Can you add a ticket related to this gant chart improvement?

<http://www.redmine.org/boards/4/topics/14801?r=20375#message-20375>

Please don't assign issues.

I am using redmine 2.2.0 and the sort by start_date issue is a feature I would appreciate, as reported on several issues.

Current sorting by issue_id doesn't provides usable sorting at all, since most of time the issues are not created sequentially in the same order that they should be executed.

The fix for this is very easy, I applied it quickly on 2.2.0. Is there a known reason to postpone it?

Thanks.

Here are some other patches which solves some gantt sort issues too: #8366

Is there a possibility to add sort by due_date too? It's much more needed when talking

about Network planning and design

+1

related_issues

relates,New,6300,Add a filter for items displayed in gantt view (version, issues)
relates,New,6605,Provide simple way of hiding completed versions from a gantt chart
relates,Closed,7000,Project filter not applied on versions in Gantt chart
relates,Closed,7352,Filters not working in Gantt charts
relates,Closed,5817,Shared versions not shown in subproject's gantt chart
relates,Closed,6476,Subproject's issues are not shown in the subproject's gantt
relates,Closed,6604,Issues targeted at parent project versions' are not shown on gantt chart
relates,Closed,4786,Gantt Chart - Grouping issues by target version
relates,Closed,7114,New gantt doesn't display some projects
relates,Closed,7335,Sorting issues in gantt by date, not by id
relates,Closed,5989,Gantt subtasking display broken
relates,Closed,5881,Subtasks do not always appear below the parent task in Gantt chart -> a job for a custom filter?

履歴

#1 - 2022/05/10 17:20 - Admin Redmine

- カテゴリ を Gantt_34 にセット

- 対象バージョン を Candidate for next major release_32 にセット