Redmine - Feature #7907
Display Issues in a hierarchy (tree)

2011-03-17 16:41 - Wael Nasreddine

Status:	New	**Start date:**	2011-03-17
Priority:	Normal	**Due date:**	
Assignee:		**% Done:**	0%
Category:	Issues	**Estimated time:**	0.00 hour
Target version:			
Resolution:			

Description

Hello,

We have setup issues and child issues, for example, to complete a big task, we divide it into many small tasks, the parent task being the big one.

However the view on the issues page is not very informing even with the column **parent task** activated, what would be interesting is having a tree-like representation of the tasks.

is this possible?

Regards,
Wael Nasreddine

Related issues:

Related to Redmine - Feature # 6116: Group sub-tasks with parent on issue list	**New**	**2010-08-12**
Related to Redmine - Defect # 10048: Secondary sorting after sorting by paren...	**New**	
Related to Redmine - Feature # 5275: Show tree of issues instead of a list in...	**New**	**2010-04-08**
Related to Redmine - Defect # 6320: Subtasks do not appear under parent task ...	**New**	**2010-09-07**
Duplicated by Redmine - Feature # 10296: parent-child relation in issue list	**Closed**	
Duplicated by Redmine - Defect # 7417: parent issue display problem	**Closed**	**2011-01-23**
Duplicated by Redmine - Defect # 12648: Multiple levels of nested subtasks no...	**Closed**	
Duplicated by Redmine - Defect # 20099: subtask can't listed under the father...	**Closed**	

History

#1 - 2011-03-20 06:55 - Sergey Ratz

You can find similar feature request #7690, which is closed but I don't know why.

Obviously, this feature is extremely necessary.

#2 - 2011-03-20 22:17 - Jean-Philippe Lang

Try to **sort** the list by parent task. You should get the tree.

#3 - 2011-09-29 09:13 - Ruedi Silvestri

+1 would be extremely helpful. Sorting does not really help as you do not see the parent next to the child. Further in case you have more than one layer of hierarchy sorting doesn't work anymore at all.

#4 - 2011-11-07 23:44 - Oleg Chunikhin

+1 I agree, we need this feature too

#5 - 2011-11-18 00:41 - Mario Lipinski

+1 When sorting the list by parent task and then by due date, the due date sort order is ignored.

#6 - 2012-01-08 08:10 - György Kiss

I would love this feature too !

#7 - 2012-01-30 16:06 - K. Scott Tripp

+1 This would be extremely useful.

Without it larger projects that need formal requirements tracking would depend on systems like DOORS or CRADLE,
which is unfortunate because has the core functionality needed to replace them.

#8 - 2012-01-30 16:10 - K. Scott Tripp

My bad for double post, but I can't seem to edit my own posts.
I meant to say

> *...unfortunate because **redmine** has the core functionality...*

#9 - 2012-02-01 07:46 - Sang-jae Shin

+1 I want it!

#10 - 2012-02-01 09:21 - Daniel Albuschat

+1
For me, this is a big issue, too.
IMHO, the logic of the issue list should be changed to behave like this:
UI changes:
   - Add a checkbox whether the changes described here should be applied, named something like "Show subtasks in tree view" (even without sorting
by parent task). Default: Yes
   - Add a checkbox whether the filter criteria should be applied to subtasks, too. It is surely not uncommon that you would like to filter parent tasks by
priority, for example, but have **all** subtasks of these filtered tasks visible. Sometimes, however, you probably just want to see subtasks with the same,
filtered priority.
Logic changes:
   - Change the issue list to filter **only** parent tasks.
   - For each parent tasks, filter the corresponding subtasks and display them below (and indented to) the parent task
   - The same procedure is done recursively for the subtasks' subtasks, too.

Optimizations:

There are two ways to avoid multiple database queries for each parent task:

a) select a field has_subtasks as "case when exists (select * from issues subissue where subissue.parent_id=issue.parent_id) then 1 else 0 end as has_subtasks". With this, you can check whether you need to query for subtasks at all without executing another query.

b) Add a field "has_subtasks" in the table issues that is automatically updated by a trigger when a subtask has been added or removed (this makes updating a little bit slower, but selecting the issues much faster - especially for lists without or with a only a few subtasks)

What do you think, Jean-Philippe Lang?

Since this is a big issue for me (I just introduced Redmine in our company), I'd even try to implement this.

#11 - 2012-02-28 08:40 - Stéphane Thomas

+1

#12 - 2012-03-15 11:51 - Vitaly Klimov

Please check my plugin - it solves this behavior:

http://www.redmine.org/plugins/redmine_smart_issues_sort

#13 - 2013-03-26 07:59 - Dipan Mehta

+1. This is very important. Can we have it in 2.4?

#14 - 2013-03-27 16:45 - Anton Potapov

+1 vote for it

#15 - 2013-04-05 10:09 - Mikhail Pirogkov

Our teams vote too. This feature can give us possibility to avoid using external reqs management tools.

#16 - 2013-06-14 17:52 - @ go2null

+1.

We are using Vitaly KlimovSmart Sort plugin, but would like to reduce dependencies.

#17 - 2013-09-16 21:56 - Pavel Z

+1.

... Smart Sort plugin crashed on Redmine 2.3.2 (ruby 1.9.3)

#18 - 2013-10-10 16:09 - Anonymous

+1 because sorting via the additional parent item column steals available monitor space.

#19 - 2013-10-30 17:48 - Sergiy Nazarov

+1

#20 - 2013-10-31 09:40 - Kaskade LNA

+1

#21 - 2014-03-21 04:16 - Ofer Nave

Yes, I would very much like this, too.

Right now, if a subtask happens to end up in the row following the parent task, it is indented with a right arrow icon, which is very nice. But otherwise, nothing.

#22 - 2014-03-21 05:17 - Ofer Nave

According to #6116, you can achieve correct hierarchial sorting (between parent and subtasks) by creating a custom query that sorts on "Parent task", "ascending".

However, then you effectively can't sort by anything else, like priority or status.

#23 - 2014-05-06 08:26 - Robert Schneider

+1 too.

The gantt diagram already contains it. But it is not enough.

I would create a new view for this. When the user is in the Tickets tab he or she should get the option to display the (existing) list view or the tree view. I think a tree view has the same value as a list, though they may provide different functions. Ideally, tree view and list view should be one thing. But this could be difficult to implement. That's why suggest to start a new view. A primitive tree view is better than no view.

#24 - 2014-10-06 21:25 - Jorge S.

Is it that hard? I see open tickets for 4+ years

#25 - 2014-11-08 09:00 - Toshi MARUYAMA
- Related to Feature #5275: Show tree of issues instead of a list in Roadmap added

#26 - 2014-11-08 11:44 - Toshi MARUYAMA
- Related to Defect #18068: Copying Projects & Parent Child Issues added

#27 - 2014-11-08 11:53 - Toshi MARUYAMA
- Related to deleted (Defect #18068: Copying Projects & Parent Child Issues)

#28 - 2015-01-30 17:05 - Toshi MARUYAMA

- Related to Defect #6320: Subtasks do not appear under parent task in Issues view added

#29 - 2015-07-13 05:44 - Toshi MARUYAMA

- Duplicated by Defect #20099: subtask can't listed under the father issue added

#30 - 2016-10-21 07:51 - Sergey Startsev

+1

#31 - 2016-10-21 07:57 - Emanuel Reisinger

+1

#32 - 2017-02-26 17:09 - Stefan Lindner

+1

A patch would be enough

#33 - 2017-06-28 11:58 - Alexander Scherdo

+1

6 years after report....

#34 - 2017-08-09 12:41 - jiangshan song

+1

#35 - 2017-10-04 15:07 - Pierre de LESPINAY

A custom query with Parent task as first order does the trick for me (no need to put it on the columns)

#36 - 2017-12-19 12:08 - Alessandro Zucchi

+1

Very usefully

#37 - 2018-04-12 23:46 - Tomaž Šuštar

+1

#38 - 2018-05-22 12:39 - Entwicklung AMIT

+1

What's about this feature 7 years ago since now?

Support sorting in issue-query by parent task (field) **AND** an other field in order to sort **within** the parent fields comes to be very important. Thanks for

regard this request.

#39 - 2018-11-12 18:07 - Manzumul Haque

+1

Please fix this issue. We need this.

#40 - 2019-06-06 18:08 - Claudio Negri

+1

#41 - 2020-07-22 15:32 - Klaus Adler

+1

We are using Vitaly Klimov Smart Sort Plugin. We want to upgrade, but the Plugin is not working with 4.1.

#42 - 2020-07-23 06:32 - Bernhard Rohloff

Klaus Adler wrote:

> *+1*
> *We are using Vitaly Klimov Smart Sort Plugin. We want to upgrade, but the Plugin is not working with 4.1.*

As far as the tree view is concerned you may have a look at this plugin here: https://www.redmine.org/plugins/redmine_issues_tree

#43 - 2020-07-23 10:10 - Vasili Korol

+1

#44 - 2021-06-07 10:53 - Georgiy Komarov

+1

#45 - 2021-12-17 03:54 - V McKay

+1