

## Redmine - Feature #20129

### Filter by subtasks to some level of depth

2015-06-18 18:40 - Sebastian Paluch

<b>Status:</b> New	<b>Start date:</b>
<b>Priority:</b> Normal	<b>Due date:</b>
<b>Assignee:</b>	<b>% Done:</b> 0%
<b>Category:</b> Issues filter	<b>Estimated time:</b> 0.00 hour
<b>Target version:</b>	
<b>Resolution:</b>	
<b>Description</b>	
With respect to #6118, the only option that seems to be missing under "subtasks" is ability to show issue hierarchy depth to some level. This is useful to see overall list of job to do for a project to some level of details.	

### History

#### #1 - 2015-06-18 20:35 - Sebastian Paluch

Here is the SQL for "subtasks\_depth" filter:

```
def sql_for_subtasks_depth(field, operator, value)
  case operator
  when ""
    return
  when "!*"
    "(SELECT (COUNT(parents.id) - 1) FROM #{Issue.table_name} AS parents WHERE #{Issue.table_name}.lft BETWEEN parents.lft AND
parents.rgt AND #{Issue.table_name}.root_id = parents.root_id) = 0"
  when "><"
    depth_from = value.first.to_i || 0
    depth_to = value.last.to_i || 0
    if depth_from > 0
      depth_from = depth_from - 1
    end
    if depth_to > 0
      depth_to = depth_to - 1
    end
    "(SELECT (COUNT(parents.id) - 1) FROM #{Issue.table_name} AS parents WHERE #{Issue.table_name}.lft BETWEEN parents.lft AND
parents.rgt AND #{Issue.table_name}.root_id = parents.root_id) BETWEEN " + depth_from.to_s + " AND " + depth_to.to_s
  else
    depth = value.last.to_i || 0
    if depth > 0
      depth = depth - 1
    end
    "(SELECT (COUNT(parents.id) - 1) FROM #{Issue.table_name} AS parents WHERE #{Issue.table_name}.lft BETWEEN parents.lft AND
parents.rgt AND #{Issue.table_name}.root_id = parents.root_id) " + operator + " " + depth.to_s
  end
end
```

#### #2 - 2015-08-19 12:40 - Sebastian Paluch

Is there a chance to add this in one of the 3.1.x release?

**#3 - 2015-09-10 16:17 - Toshi MARUYAMA**

Sebastian Paluch wrote:

| *Is there a chance to add this in one of the 3.1.x release?*

Please post by patch and add tests.

**#4 - 2016-02-10 18:00 - Ezequiel Hernandez**

+1

**#5 - 2016-02-28 15:58 - Toshi MARUYAMA**

- *Category changed from Issues to Issues filter*

**#6 - 2016-04-13 20:33 - Sebastian Paluch**

Toshi MARUYAMA wrote:

| *Please post by patch and add tests.*

I would but unfortunately I don't know how to add tests :/

**#7 - 2016-05-13 02:36 - Toshi MARUYAMA**

Sebastian Paluch wrote:

| *Toshi MARUYAMA wrote:*

| | *Please post by patch and add tests.*

| | *I would but unfortunately I don't know how to add tests :/*

source:trunk/test