Redmine - Defect #5880
Only consider open subtasks when computing the priority of a parent issue
2010-07-14 16:00 - Norbert Bérci

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
<th>Start date:</th>
<th>2010-07-14</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
<td>Due date:</td>
<td></td>
</tr>
<tr>
<td>Assignee:</td>
<td>Jean-Philippe Lang</td>
<td>% Done:</td>
<td>0%</td>
</tr>
<tr>
<td>Category:</td>
<td>Issues</td>
<td>Estimated time:</td>
<td>0.00 hour</td>
</tr>
<tr>
<td>Target version:</td>
<td>3.3.0</td>
<td></td>
<td></td>
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<tr>
<td>Resolution:</td>
<td>Fixed</td>
<td>Affected version:</td>
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</tbody>
</table>

Description

When computing the priority of a task, only subtasks with not closed status should be considered.

see [http://demo.redmine.org/issues/26174](http://demo.redmine.org/issues/26174)

Related issues:

- Related to Redmine - Feature # 5490: Option for independent subtask priority/... Closed 2010-05-10
- Related to Redmine - Defect # 6847: Parent priorities not dropping when subta... Closed 2010-11-08
- Duplicated by Redmine - Feature # 13736: Parent priority does not update when... Closed
- Duplicated by Redmine - Feature # 19921: Issue priority with subtasks : not w... Closed
- Duplicated by Redmine - Feature # 15289: Recalculate priority of a parent iss... Closed
- Duplicated by Redmine - Defect # 14933: Parent issues default to highest prio... Closed

Associated revisions

Revision 15064 - 2016-01-16 10:00 - Jean-Philippe Lang

Only consider open subtasks when computing the priority of a parent issue (#5880).

Patch by Go MAEDA.

History

#1 - 2010-07-15 15:15 - dimitar korudjiiski
- % Done changed from 0 to 60

Norbert Bérci wrote:

> When computing the priority of a task, only subtasks with not closed status should be considered.

see [http://demo.redmine.org/issues/26174](http://demo.redmine.org/issues/26174)

#2 - 2010-07-20 21:23 - Norbert Bérci

set back because previous modifier was using this instead of demo.redmine.org

#3 - 2010-07-20 21:23 - Norbert Bérci

- % Done changed from 60 to 0
1. Agreed.
2. Also there is no way to tell which of many subtasks is driving the priority.
3. For example my top priority level is emergency - but when it is a group I cant tell which is the emergency subtask (which might actually be closed!)

5 - 2010-11-10 11:13 - Andreas Bosch
+1 - related to #5490 and #6847
Also see my forum post regarding this issue.

6 - 2011-11-21 16:39 - Mischa The Evil
- Subject changed from parent task priority computation to Only consider open subtasks when computing the priority of a parent issue

7 - 2011-11-21 16:40 - Mischa The Evil
- Category set to Issues

8 - 2013-02-20 01:25 - Ross Saad
+1

9 - 2013-02-20 04:09 - John Pisani
+1

10 - 2013-04-18 22:19 - Emmanuel Serau
+1

11 - 2013-10-25 21:31 - Mikołaj Milej
+10

but, show me the code, I'll create a patch for it (or I'll find the code).

edit:

works for me:
in file: app/models/issue.rb
changed

```ruby
# priority = highest priority of children
if priority_position = p.children.maximum("#{IssuePriority.table_name}.position", :joins => :priority)
  p.priority = IssuePriority.find_by_position(priority_position)
end
```

2020-06-14
I know almost nothing about Ruby and RoR so there is place for improvements and bug fixes ;]

#12 - 2014-09-12 01:23 - A B

The above patch does not work on db's with proper boolean types such as PostgreSQL; it also has a bug in the else clause in that it returns an IssuePriority object rather than a number. Here's an updated version that should work on all db's and fixes the bug:

```ruby
# priority = highest priority of open children
if p.children.count > 0
  if priority_position = p.children.maximum("#{IssuePriority.table_name}.position", [joins => [priority, :status], :conditions => ['is_closed = ?', true]])
    priority_position = IssuePriority.where(is_default: true).pluck(:position).first
  end
  p.priority = IssuePriority.find_by_position(priority_position)
else
  priority_position = IssuePriority.where(is_default: true).pluck(:position).first
end
```

#13 - 2014-12-09 12:05 - txemi M

+1

I would like to see this implemented.

It is difficult for me to get useful task views based on priority with all those already not important parent tasks showing on top.

#14 - 2016-01-11 08:49 - Go MAEDA

- Duplicated by Feature #19921: Issue priority with subtasks : not with closed issues added

#15 - 2016-01-11 08:51 - Go MAEDA

- Target version set to Candidate for next major release

#16 - 2016-01-11 09:07 - Go MAEDA

- Duplicated by Feature #15289: Recalculate priority of a parent issue automatically after child issue is closed added

#17 - 2016-01-11 09:09 - Go MAEDA

- Duplicated by Defect #14933: Parent issues default to highest priority child issue, should be highest priority *OPEN* child issue added
This is a patch for current trunk (r15058).

```ruby
Index: app/models/issue.rb
===================================================================
--- app/models/issue.rb   (revision 15058)
+++ app/models/issue.rb    (working copy)
@@ -1451,9 +1451,11 @@
     def recalculate_attributes_for(issue_id)
       if issue_id && p = Issue.find_by_id(issue_id)
         if p.priority_derived?
-          # priority = highest priority of children
-          if priority_position = p.children.joins(:priority).maximum("#{IssuePriority.table_name}.position")
+          # priority = highest priority of open children
+          if priority_position = p.children.open.joins(:priority).maximum("#{IssuePriority.table_name}.position")
             p.priority = IssuePriority.find_by_position(priority_position)
+          else
+            p.priority = IssuePriority.default
       end
     end
```