

Redmine - Defect #5880

Only consider open subtasks when computing the priority of a parent issue

2010-07-14 16:00 - Norbert Bérci

Status:	Closed	Start date:	2010-07-14
Priority:	Normal	Due date:	
Assignee:	Jean-Philippe Lang	% Done:	0%
Category:	Issues	Estimated time:	0.00 hour
Target version:	3.3.0	Affected version:	
Resolution:	Fixed		
Description			
When computing the priority of a task, only subtasks with not closed status should be considered. see http://demo.redmine.org/issues/26174			
Related issues:			
Related to Redmine - Feature #5490: Option for independent subtask priority/s...		Closed	2010-05-10
Related to Redmine - Defect #6847: Parent priorities not dropping when subtas...		Closed	2010-11-08
Has duplicate Redmine - Feature #13736: Parent priority does not update when ...		Closed	
Has duplicate Redmine - Feature #19921: Issue priority with subtasks : not wi...		Closed	
Has duplicate Redmine - Feature #15289: Recalculate priority of a parent issu...		Closed	
Has duplicate Redmine - Defect #14933: Parent issues default to highest prior...		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>

#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

#4 - 2010-11-08 08:21 - Ewan Makepeace

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

```
# 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
```

to

```
# priority = highest priority of children
if p.children.count > 0
  if priority_position = p.children.maximum("#{IssuePriority.table_name}.position", {:joins => [
:priority, :status], :conditions => 'is_closed = 0'})
    else
      priority_position = IssuePriority.where("#{IssuePriority.table_name}.position", :conditions =>
'is_default = 1')
    end
  end
  p.priority = IssuePriority.find_by_position(priority_position)
end
```

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:

```
# 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 = ?', false]})
    else
      priority_position = IssuePriority.where(is_default: true).pluck(:position).first
    end
  end
  p.priority = IssuePriority.find_by_position(priority_position)
end
```

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

+1

I would like to see this implemented.

It is difficult for me 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

- Has duplicate 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

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

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

- Has duplicate Defect #14933: Parent issues default to highest priority child issue, should be highest priority *OPEN* child issue added

#18 - 2016-01-11 09:48 - Go MAEDA

This is a patch for current trunk ([r15058](#)).

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  
       end  
     end
```

#19 - 2016-01-14 14:40 - Go MAEDA

- File defect-5880.diff added

- Target version changed from Candidate for next major release to 3.3.0

Here is a patch with tests: [defect-5880.diff](#)

Please consider merging this fix.

#20 - 2016-01-16 10:00 - Jean-Philippe Lang

- Status changed from New to Closed

- Assignee set to Jean-Philippe Lang

- Resolution set to Fixed

Patch committed, thanks.

Files

defect-5880.diff	2.32 KB	2016-01-14	Go MAEDA
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