

## Redmine - Defect #7114

### New gantt doesn't display some projects

2010-12-15 22:45 - Jean-Baptiste Barth

<b>Status:</b>	Closed	<b>Start date:</b>	2010-12-15
<b>Priority:</b>	Low	<b>Due date:</b>	
<b>Assignee:</b>	Jean-Baptiste Barth	<b>% Done:</b>	0%
<b>Category:</b>	Gantt	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	1.2.0	<b>Affected version:</b>	
<b>Resolution:</b>	Fixed		
<b>Description</b>			
<p>With new gantt charts, subprojects for which parent project doesn't have issue_tracking enabled are not shown.</p> <p>Explicit use case: I defined some root projects where I only enable gantt, calendar and news systems, and subprojects which map to real-world projects so they have issues, versions, documents, etc.</p> <p>I have a working patch for that, but it's pretty inefficient:</p> <ul style="list-style-type: none"><li>- either you display all projects (not desired behaviour I suppose?)</li><li>- either you try to find if a project have descendants with issue_tracking enabled (respecting visibility...)</li></ul> <p>I'd welcome any suggestion to define what should be the desired behaviour and what are the potential extreme cases we don't want to handle.</p>			
<b>Related issues:</b>			
Related to Redmine - Patch # 7456: Gantt filters		<b>New</b>	<b>2011-01-26</b>

#### History

##### #1 - 2010-12-16 07:27 - Mischa The Evil

Good catch! I'd vote +1 for your second solution, though it shouldn't introduce (more?) performance issues within such an implementation.

##### #2 - 2010-12-16 11:16 - Jean-Philippe Lang

- *File show\_projects\_having\_a\_descendant\_with\_issue\_tracking.patch added*

The attached patch should fix it with option 2.

##### #3 - 2010-12-16 22:12 - Jean-Baptiste Barth

Still hard to use on a large project base : 100+ projects => "Completed in 24617ms", VS 1.6s for the test database. I had nearly the same results with my patch but it was less clean (I imagine parsing .descendants for each project costs a lot). I'll try to see if I can improve it.

##### #4 - 2010-12-17 07:05 - Jean-Baptiste Barth

OK, nothing to do with searching for .descendants in each project. I turned on development mode, I end up with some 922 queries to the database, maybe a *bit* too much ;) To be continued

##### #5 - 2010-12-17 09:21 - Jean-Philippe Lang

And I've already made a few optimizations on the initial implementation. It's still very slow and I think we'll have to make some compromises, like removing project/version completion calculation which generates a bunch of queries. Project completion is not calculated properly BTW.

**#6 - 2011-03-10 19:16 - Jean-Philippe Lang**

- Status changed from New to Closed
- Target version set to 1.2.0
- Resolution set to Fixed

Fixed in r5077.

**Files**

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show_projects_having_a_descendant_with_issue_tracking.patch	8.1 KB	2010-12-16	Jean-Philippe Lang
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