Redmine - Defect #7114
New gantt doesn't display some projects
2010-12-15 22:45 - Jean-Baptiste Barth

Status: Closed
Priority: Low
Assignee: Jean-Baptiste Barth
Category: Gantt
Target version: 1.2.0
Resolution: Fixed

Description

With new gantt charts, subprojects for which parent project doesn't have issue_tracking enabled are not shown.

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.

I have a working patch for that, but it's pretty inefficient:
- either you display all projects (not desired behaviour I suppose?)
- either you try to find if a project have descendants with issue_tracking enabled (respecting visibility...)

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.

Related issues:
Related to Redmine - Patch # 7456: Gantt filters

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.

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**#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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<tr>
<td>show_projects_having_a_descendant_with_issue_tracking.patch</td>
<td>8.1 KB</td>
<td>2010-12-16</td>
<td>Jean-Philippe Lang</td>
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