Redmine - Defect #17580
After copying a task, setting the parent as the original task's parent triggers an error
2014-07-29 15:29 - Olivier Houdas

| Status:   | Closed                  |
| Priority: | Normal                  |
| Assignee: | Jean-Philippe Lang      |
| Category: | Issues                  |
| Target version: | 3.3.0               |
| Resolution: | Fixed                 |
| Start date: |                      |
| Due date:  |                        |
| % Done:   | 0%                     |
| Estimated time: | 0.00 hour         |
| Affected version: |                 |

**Description**

**Steps for repro:**
1. Create an issue (1), and add a sub-issue (2) to it
2. Copy this sub-issue (creates issue 3)
3. Edit issue 3, set issue 1 as its parent

**Result:** We get an error that Parent Issue is invalid

4. Copy (2), and while in edit mode, define issue 1 as the parent

**Result:** this relationship is accepted

5. Create sub-issue (4) of issue 1
6. Display issue 4, add issue 2 as a related issue

**Result:** this relationship is accepted

**Expected result:** the behavior should be consistent. As far as I'm concerned, I do not see what would justify that "relations" would be forbidden inside the parent-children tree, so the faulty behavior would be the first result (Parent issue invalid) but I might be missing some cases.

**Notes:**
1) This is related to #12893 (obviously on purpose, see line 216 of app/models/issue.rb:
   self.attributes = issue.attributes.dup.except("id", "root_id", "parent_id", "lft", "rgt", "created_on", "updated_on")

2) The current behaviour for 1st result is on purpose: the error message is triggered by line 600 of issue.rb:
   elsif (@parent_issue != parent) && (all_dependent_issues.include?(@parent_issue) || @parent_issue.all_dependent_issues.include?(self))

which definitely parses parents, children, cousins, etc., but also related issues.

**Related issues:**
- Related to Redmine - Defect #12893: Copying an issue does not copy parent task... (Closed)
- Related to Redmine - Defect #13654: Can't set parent issue when issue related... (Closed)

**Associated revisions**
Revision 15057 - 2016-01-10 16:31 - Jean-Philippe Lang

After copying a task, setting the parent as the original task's parent triggers an error (#17580).

**History**

#1 - 2014-08-27 14:18 - Toshi MARUYAMA
- Related to Defect #12893: Copying an issue does not copy parent task id added

#2 - 2015-10-20 17:25 - Olivier Houdas
- File 17580-RM-3.1.1.patch added
I fell on this issue again one year later, and so I decided to have a deeper look at the situation.

If we consider that

```
Parent
  / \
Child1 <-- Child2
```

is a circular relationship, then it should be tested when adding a relation as well, and not only when modifying the parent id. For this, we should add a test in /app/models/issue_relation.rb.

Now, when there is no relation added (Redmine configuration setting set to Do not link copied issues), we should not cancel the copy of the parent_id, as mentioned in #12893. For this, I suggest to take this setting into account and copy the parent_id attribute conditionally.

I attached a patch which implements those remarks.

You will note that the failure of adding the link after saving the copied issue (which comes after validation, and therefore relies on a different validation than when changing the parent_id), results only in an ERROR in the log, and not in a flashed error. Feel free to modify this behavior if you feel this is necessary.

Could this come into a release soon?

Thanks

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**#3 - 2015-11-19 06:12 - Toshi MARUYAMA**
- Related to Defect #13654: Can't set parent issue when issue relations among child issues are present

**#4 - 2016-01-10 16:33 - Jean-Philippe Lang**
- Status changed from New to Closed
- Assignee set to Jean-Philippe Lang
- Target version set to 3.3.0
- Resolution set to Fixed

This is fixed as part of #13654, test added in r15057.

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**Files**

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<thead>
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<tr>
<td>17580-RM-3.1.1.patch</td>
<td>2.17 KB</td>
<td>2015-10-20</td>
<td>Olivier Houdas</td>
</tr>
</tbody>
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