In r10587 were introduced cross project subtasks, you can select project of subtask based on system setting.
In r17217 were introduced selection project and its subprojects on new issue form. Basically it shows on new issue form subprojects without taking into account setting for cross-project subtasks. So, even though subtask may have any project form will show only current project and its subprojects or vice versa subtasks' project is disabled and nevertheless form will show subprojects.

Related patch fixes this behaviour. New issue form will show projects based on system setting if parent_issue_id field is present so user can't select inappropriate project.

**Associated revisions**

**Revision 20701 - 2021-01-01 01:59 - Go MAEDA**

Show only valid projects on issue form when the issue is a subtask (#33419).

Patch by Marius BALTEANU.

**Revision 20733 - 2021-02-01 05:22 - Go MAEDA**

Fix project selector on global new issue page not showing all visible projects (#33419).

Patch by Marius BALTEANU.

**History**

#1 - 2020-05-16 05:17 - Go MAEDA
- Tracker changed from Patch to Defect
- Category set to Issues
- Target version set to Candidate for next major release

#2 - 2020-05-16 05:23 - Go MAEDA
- Status changed from New to Confirmed

#3 - 2020-12-12 12:15 - Marius BALTEANU
- Assignee set to Marius BALTEANU

#4 - 2020-12-21 21:58 - Marius BALTEANU
- File 0001-Take-into-account-the-setting-Setting.cross_project_.patch added
- Subject changed from Subtasks' project on new issue form to Show only valid projects on issue form when the issue is a subtask
- Assignee deleted (Marius BALTEANU)
I made a patch (inspired from Dmitry's work) that implements this feature.

The patch also changes my initial implementation (r17217) in order to move the logic from model to issue helper.

#5 - 2020-12-30 05:14 - Go MAEDA
- Target version changed from Candidate for next major release to 4.2.0

Setting the target version to 4.2.0.

#6 - 2021-01-01 01:59 - Go MAEDA
- Status changed from Confirmed to Closed
- Assignee set to Go MAEDA
- Resolution set to Fixed

Committed the patch. Thank you.

#7 - 2021-01-27 05:52 - Yuichi HARADA
When the new issue input form is displayed with "Projects(#top-menu) > Issues > New issue", the projects that can be selected are narrowed down even though the issue to be created is not a subtask. I think it's due to app/views/issues/_form.html.erb@20701, is this appropriate?

#8 - 2021-01-27 17:56 - Marius BALTEANU
- Status changed from Closed to Reopened
- Assignee changed from Go MAEDA to Marius BALTEANU

Yuichi HARADA wrote:

When the new issue input form is displayed with "Projects(#top-menu) > Issues > New issue", the projects that can be selected are narrowed down even though the issue to be created is not a subtask. I think it's due to app/views/issues/_form.html.erb@20701, is this appropriate?

Let me take a look.

#9 - 2021-01-28 07:51 - Marius BALTEANU
- File 0001-Fix-project-selector-on-global-new-issue-page-not-sh.patch added

Indeed, the project selector contains only descendant projects of the selected project. The attached patch should fix this, Yuichi, please test with it.

#10 - 2021-01-28 08:10 - Yuichi HARADA
Marius BALTEANU wrote:

Indeed, the project selector contains only descendant projects of the selected project. The attached patch should fix this, Yuichi, please test with it.
Thanks for creating a patch. I will test it, so please wait for a while.

#11 - 2021-01-29 01:54 - Yuichi HARADA

Marius BALTEANU wrote:

Indeed, the project selector contains only descendant projects of the selected project. The attached patch should fix this, Yuichi, please test with it.

Marius, I confirmed your patch and test. I think it's good.

#12 - 2021-01-31 21:29 - Marius BALTEANU

- Assignee changed from Marius BALTEANU to Go MAEDA

#13 - 2021-02-01 05:22 - Go MAEDA

- Status changed from Reopened to Closed

Committed the patch attachment:0001-Fix-project-selector-on-global-new-issue-page-not-sh.patch in r20733.

#14 - 2021-02-24 20:12 - Marius BALTEANU

- Status changed from Closed to Reopened

I have found another issue with the current implementation, the project selector disappears after you select a project without children.

To reproduce:
- Open the new issue page from a project with children
- Observe that the project selector shows the children as expected
- Select a project without children
- Observe that the project selector disappear.

The cause is that the issue project is used to look for children (which changes when you select another project in the dropdown) instead of context project (which remains the same).

To keep the code simple, I think it's better to just show the project tree instead of self and descendant. I had some cases when I wanted to create an issue on the parent project.

What do you think? I've opened a new issue for this to track the change (#34798).

#15 - 2021-02-26 07:58 - Mizuki ISHIKAWA

- File bug.gif added

Marius BALTEANU wrote:

I have found another issue with the current implementation, the project selector disappears after you select a project without children.
I was just trying to make an issue to report this problem.
I will attach the GIF image I made for that explanation.

#16 - 2021-03-23 21:55 - Marius BALTEANU

I've posted a patch to #34798 which should fix the issue reported by me in my previous comment.

#17 - 2021-03-25 03:17 - Mizuki ISHIKAWA

Marius BALTEANU wrote:

I've posted a patch to #34798 which should fix the issue reported by me in my previous comment.

It looks like the patch was committed in #34798\#note-7.
I was able to confirm that the problem was solved in my environment as well.

#18 - 2021-03-25 03:30 - Go MAEDA

- Status changed from Reopened to Closed

Marius BALTEANU wrote:

I have found another issue with the current implementation, the project selector dissapears after you select a project without children.

To reproduce:
- Open the new issue page from a project with children
- Observe that the project selector shows the children as expected
- Select a project without children
- Observe that the project selector disappear.

Fixed by #34798.

Files

<table>
<thead>
<tr>
<th>File Name</th>
<th>Size</th>
<th>Date</th>
<th>Author</th>
</tr>
</thead>
<tbody>
<tr>
<td>subtasks_project_on_new_issue_form.patch</td>
<td>6.09 KB</td>
<td>2020-05-08</td>
<td>Dmitry Makurin</td>
</tr>
<tr>
<td>0001-Take-into-account-the-setting-Setting_cross_project_.patch</td>
<td>8.53 KB</td>
<td>2020-12-21</td>
<td>Marius BALTEANU</td>
</tr>
<tr>
<td>0001-Fix-project-selector-on-global-new-issue-page-not-sh.patch</td>
<td>1.73 KB</td>
<td>2021-01-28</td>
<td>Marius BALTEANU</td>
</tr>
<tr>
<td>bug.gif</td>
<td>453 KB</td>
<td>2021-02-26</td>
<td>Mizuki ISHIKAWA</td>
</tr>
</tbody>
</table>