

## Redmine - Defect #5593

### Grey out workflow checkboxes for transitions to the same status

2010-05-25 17:06 - Yuki Kita

<b>Status:</b> Closed	<b>Start date:</b> 2010-05-25
<b>Priority:</b> Normal	<b>Due date:</b>
<b>Assignee:</b> Jean-Philippe Lang	<b>% Done:</b> 0%
<b>Category:</b> UI	<b>Estimated time:</b> 0.00 hour
<b>Target version:</b> 4.0.0	<b>Affected version:</b>
<b>Resolution:</b> Fixed	

**Description**

In workflow settings, it is configurable whether the current status can transit to the same status or not, though it is self-evident that the current status can transit to the same status.

Current status	New statuses allowed					
	新規	進行中	解決	フィードバック	終了	却下
新規	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
進行中	<input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
解決	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
フィードバック	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
終了	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/>
却下	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-

[Check all](#) | [Uncheck all](#)

**Related issues:**

Related to Redmine - Feature #5816: New issue initial status should be settab...	<b>Closed</b>	<b>2010-07-05</b>
Related to Redmine - Patch #16364: Issue workflow doesn't force status transi...	<b>New</b>	

### Associated revisions

#### Revision 17487 - 2018-09-15 09:09 - Jean-Philippe Lang

Disable workflow checkboxes with no status change (#5593).

Patch by Mizuki ISHIKAWA.

### History

#### #1 - 2010-07-05 09:48 - Norbert Bérci

+1

Is it possible to apply Yuki Kita's patch? It seems extremely simple, but improves greatly the UI (removes confusion about why are there same issue transitions).

#### #2 - 2010-07-07 20:24 - Thomas Pihl

It does look nice. But...

Sometimes we only allow users to create new issues, not change any state. Then we would check the new/new checkbox. How would we solve that?

#### #3 - 2010-07-08 01:47 - Yuki Kita

Thomas Pihl wrote:

It does look nice. But...

Sometimes we only allow users to create new issues, not change any state. Then we would check the new/new checkbox. How would we solve that?

You do not have to check the new/new checkbox to prohibit users from changing state. Instead of doing it, uncheck all checkbox and set the default value of issue statuses to "new". I think this solves your concern.

#4 - 2010-07-08 03:10 - yusuke kokubo

+ 1

#5 - 2010-07-08 03:29 - Akiko Takano

+ 1

#6 - 2010-07-08 20:37 - Norbert Bérci

To those interested: let's discuss [#5816](#) (about the initial statuses).

#7 - 2012-01-13 13:05 - Terence Mill

+1

Small but easy embeddable enhancement!

#8 - 2014-07-13 07:39 - Go MAEDA

- File 5593-r13306.diff added

+1

I have made Yuki Kita's patch compatible with current trunk(Redmine 2.5.2.devel.13306).

#9 - 2015-07-29 07:44 - Mischa The Evil

- Target version set to Candidate for next major release

#10 - 2016-12-30 09:04 - Go MAEDA

- Related to Patch #16364: Issue workflow doesn't force status transition though workflow is defined so added

#11 - 2018-02-25 08:12 - Go MAEDA

- File 5593-r17212.diff added

- File 5593-before@2x.png added

- File 5593-after@2x.png added

Updated the patch for the current trunk.

Before:

Current status	New statuses allowed					
	New	Assigned	Resolved	Feedback	Closed	Rejected
New issue	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
New	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Assigned	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Resolved	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Feedback	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Closed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Rejected	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

▶ Additional transitions allowed when the user is the author

▶ Additional transitions allowed when the user is the assignee

After:

Current status	New statuses allowed					
	New	Assigned	Resolved	Feedback	Closed	Rejected
New issue	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
New	-	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Assigned	<input checked="" type="checkbox"/>	-	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Resolved	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Feedback	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Closed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/>
Rejected	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-

▶ Additional transitions allowed when the user is the author

▶ Additional transitions allowed when the user is the assignee

**#12 - 2018-02-25 12:04 - Bernhard Rohloff**

+1

This patch also provides great reference points within the checkbox matrix.

**#13 - 2018-02-25 16:47 - Marius BĂLTEANU**

- File tests\_for\_5593.patch added

+1

Attached is a patch that fixes an existing failing test and adds a test for Go Maeda's patch.

**#14 - 2018-02-25 17:04 - Marius BĂLTEANU**

Reading the tickets and comments from the related issue ([#16364](#)) where some users request the "force status transition" feature, I'm wondering if is better to show a disabled checked checkbox instead of "-" in order to make more obvious for the users that the "transition" between the same status is allowed and it cannot be disabled.

**#15 - 2018-02-26 01:29 - Go MAEDA**

- File 5593-note14@2x.png added

Marius BALTEANU wrote:

I'm wondering if is better to show a disabled checked checkbox instead of "-" in order to make more obvious for the users that the "transition" between the same status is allowed and it cannot be disabled.

That makes sense. Do you mean like this?

✓ Current status	New statuses allowed					
	✓ New	✓ Assigned	✓ Resolved	✓ Feedback	✓ Closed	✓ Rejected
✓ New issue	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
✓ New	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
✓ Assigned	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
✓ Resolved	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
✓ Feedback	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
✓ Closed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
✓ Rejected	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

▶ Additional transitions allowed when the user is the author  
 ▶ Additional transitions allowed when the user is the assignee

**#16 - 2018-02-26 10:41 - Bernhard Rohloff**

Marius' suggestion is a neat additional improvement. It coherently presents the current implementation but lets room for future changes without changing parts of the UI. So if [#16364](#) gets a thing someday, all we have to do is activating the checkboxes again.

**#17 - 2018-02-26 22:39 - Marius BĂLTEANU**

Go MAEDA wrote:

That makes sense. Do you mean like this?

Exactly.

**#18 - 2018-03-07 09:56 - Mischa The Evil**

- Subject changed from *Meanless settings for workflow* to *Meaningless settings for workflow*
- Target version changed from *Candidate for next major release* to *4.0.0*

**#19 - 2018-03-14 06:14 - Mizuki ISHIKAWA**

- File 5593-r17235.patch added

I think Marius' suggestion is good as well.

I updated the patch to add disabled checkbox instead of "-".

#### #20 - 2018-03-14 07:00 - Mizuki ISHIKAWA

- File 5593-r17235-2.patch added

Fixed disabled checkbox not to be affected by toggleCheckboxesBySelector.

#### #21 - 2018-03-19 14:16 - Go MAEDA

- File wrong-color@2x.png added

Mizuki, thank you for posting the patch.

But I found that transitions whose source status and destination status are the same are displayed in a different color under certain conditions. Could you look into this and update the patch?

Steps to reproduce:

1. Before applying the patch, edit the workflow for "Manager" - "Bug", check all transitions and save. Every transition is displayed in green.
2. Uncheck the checkbox for "New" -> "New" transition and save. "New" -> "New" transition should be displayed in white.
3. Apply the patch [5593-r17235-2.patch](#)
4. Check "Manager" - "Bug" workflow. Transitions like "New" -> "New" and "Assigned -> Assigned" are checked and disabled. Although checked statuses should be displayed in green but "New" -> "New" status (unchecked in step 2) is displayed in white.

wrong-color@2x.png

#### #22 - 2018-03-22 01:17 - Mizuki ISHIKAWA

- File 5593-r17236.patch added

I attached a patch that corrected the problem pointed out to Go MAEDA.  
I mainly added the following changes.

```
diff --git a/app/views/workflows/_form.html.erb b/app/views/workflows/_form.html.erb
index 3fc69c4f5..542db4e35 100644
--- a/app/views/workflows/_form.html.erb
+++ b/app/views/workflows/_form.html.erb
@@ -38,7 +38,7 @@
     <% end %>
   </td>
   <% for new_status in @statuses -%>
-   <% checked = workflows.detect {|w| w.old_status == old_status && w.new_status == new_status} %>
+   <% checked = (old_status == new_status) || workflows.detect {|w| w.old_status == old_status && w.new_status == new_status} %>
   <td class="<%= checked ? 'enabled' : '' %>" title="<%= old_status_name %> &#187; <%= new_status.name %>">
     <%= transition_tag workflows, old_status, new_status, name %>
   </td>
```

But there is one problem with this patch.

The state of workflow is saved as WorkflowTransition. (Even when the source status and the destination status are the same)  
When a patch is applied, the checkbox displayed will be checked, even if the data indicates that it is not checked the checkbox.  
That is, the data and the displayed results are contradictory.

I think it is difficult to display a disabled checkbox while maintaining consistency with the data.

#### #23 - 2018-03-22 23:54 - Marius BĂLTEANU

Mizuki ISHIKAWA wrote:

When a patch is applied, the checkbox displayed will be checked, even if the data indicates that it is not checked the checkbox.  
That is, the data and the displayed results are contradictory.

You're worried that the displayed results are not according with the data from the database? For ex: In the UI, the checkbox for New -> New is checked and disabled, but in the db there is no entry in the WorkflowTransition for the transition (I'm asking just to confirm that I understand correctly).

If yes, I don't see a real problem from the following reasons:

- is not a real inconsistency because you don't really need a transition to update a ticket without changing the status.
- only a few users can observe this inconsistency and they need to be quite technical to deep in Redmine code and database.

#### #24 - 2018-04-02 09:13 - Mizuki ISHIKAWA

Marius BALTEANU wrote:

Mizuki ISHIKAWA wrote:

When a patch is applied, the checkbox displayed will be checked, even if the data indicates that it is not checked the checkbox. That is, the data and the displayed results are contradictory.

You're worried that the displayed results are not according with the data from the database? For ex: In the UI, the checkbox for New -> New is checked and disabled, but in the db there is no entry in the WorkflowTransition for the transition (I'm asking just to confirm that I understand correctly).

Yes, I was worried about it.

If yes, I don't see a real problem from the following reasons:

- is not a real inconsistency because you don't really need a transition to update a ticket without changing the status.
- only a few users can observe this inconsistency and they need to be quite technical to deep in Redmine code and database.

Certainly, I think that few people feel strange about this problem.

I seemed to be over-thinking about it problem.

Thank you for checking, Marius BALTEANU.

#### #25 - 2018-09-15 09:11 - Jean-Philippe Lang

- Subject changed from *Meaningless settings for workflow* to *Grey out workflow checkboxes for transitions to the same status*
- Status changed from *New* to *Closed*
- Assignee set to *Jean-Philippe Lang*
- Resolution set to *Fixed*

Committed, thanks.

#### Files

edit.rhtml.diff	781 Bytes	2010-05-25	Yuki Kita
Screenshot.png	31.8 KB	2010-05-25	Yuki Kita
5593-r13306.diff	662 Bytes	2014-07-13	Go MAEDA
5593-r17212.diff	766 Bytes	2018-02-25	Go MAEDA
5593-before@2x.png	35.3 KB	2018-02-25	Go MAEDA
5593-after@2x.png	34.4 KB	2018-02-25	Go MAEDA
tests_for_5593.patch	1.21 KB	2018-02-25	Marius BALTEANU
5593-note14@2x.png	35.4 KB	2018-02-26	Go MAEDA
5593-r17235.patch	2.01 KB	2018-03-14	Mizuki ISHIKAWA
5593-r17235-2.patch	3.86 KB	2018-03-14	Mizuki ISHIKAWA
wrong-color@2x.png	53.7 KB	2018-03-19	Go MAEDA
5593-r17236.patch	4.46 KB	2018-03-22	Mizuki ISHIKAWA