

## Redmine - Patch #16045

### Add "Previous Assignee" entry when changing issue assignee

2014-02-06 18:45 - Gurvan Le Dromaguet

<b>Status:</b>	New	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	Issues	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Candidate for next major release		
<b>Description</b>			
Intention : assign ticket back to previous assignee easily, without scrolling down the list until I found it.			
attached proposed implementation as svn patch. It needs to run "db:migrate"			
Missing in the implementation:			
- previous assignee in contextual menu			
- maybe reusing changes done in <a href="#">r12419</a>			
Works good and very popular in my firm.			
<b>Related issues:</b>			
Related to Redmine - Feature #19501: Assign issue to <<author>>		<b>New</b>	
Related to Redmine - Feature #14602: Assignee list should be (optionally) ord...		<b>New</b>	
Related to Redmine - Feature #23072: Speed-Up the setting of "assigned to" by...		<b>New</b>	
Has duplicate Redmine - Feature #24319: Last assigned to option in the Assign...		<b>Closed</b>	

## History

### #1 - 2014-02-06 18:46 - Gurvan Le Dromaguet

Works against 2.4-stable rev 12697

### #2 - 2014-03-03 12:03 - Toshi MARUYAMA

- Description updated

### #3 - 2014-03-03 12:05 - Toshi MARUYAMA

- You missed db migrate file.
- mix tabs and spaces
- please add tests

### #4 - 2014-03-03 12:08 - Gurvan Le Dromaguet

- File 20131010000000\_add\_previous\_assignee.rb added

Thanks for pointing out !!! attached file, I will work on adding a test.

### #5 - 2014-03-03 12:20 - Gurvan Le Dromaguet

Toshi MARUYAMA wrote:

- mix tabs and spaces

What is the rule for Redmine ?

### #6 - 2014-03-03 12:34 - Toshi MARUYAMA

Gurvan Le Dromaguet wrote:

Toshi MARUYAMA wrote:

- mix tabs and spaces

What is the rule for Redmine ?

two spaces for indent.

**#7 - 2014-03-26 11:44 - Samuel Samfra**

dear all, how do I install this ? patch -p0 for the patch ? What about the rb file ? thank you.. I come from the Java world :)

**#8 - 2014-03-26 11:48 - Gurvan Le Dromaguet**

Samuel Samfra wrote:

dear all, how do I install this ? patch -p0 for the patch ? What about the rb file ? thank you.. I come from the Java world :)

- 1- apply "patch -p0"
- 2- copy rb file to db/migrate
- 3- run "RAILS\_ENV=production rake db:migrate"

**#9 - 2016-11-16 13:29 - Go MAEDA**

- Has duplicate Feature #24319: Last assigned to option in the Assignee selection list added

**#10 - 2016-11-17 09:18 - Luka Lüdicke**

I have a solution for this which does not require an extra column in the database for this, the information can be gathered from the journal\_details

I am mentioning it just in case the reason for ignoring this proposal is the extra column.

**#11 - 2016-11-17 09:26 - Go MAEDA**

Luka Lüdicke wrote:

I have a solution for this which does not require an extra column in the database for this, the information can be gathered from the journal\_details

Sounds great. Could you attach your patch to this issue?

**#12 - 2016-11-17 11:43 - Luka Lüdicke**

Alright, this from how I patched it at our company.

As you can see from the comments, it is a work in progress.  
If you like it and want to include it, I can make a "cleaner" diff and add a unit test for the last\_assignee method.

(my colleagues really **love** the feature)

things to look out for:

- the option should not come up if current user und last\_assignee are the same
- the option should not come up if last\_assignee is nil
- when there is old assignee (new issue), the last\_assignee should be the author (TODO)
- the option should not appear in issue category and bulk update

**#13 - 2016-11-17 11:43 - Luka Lüdicke**

- File last\_assignee\_wip.diff added

**#14 - 2017-07-25 12:38 - Luka Lüdicke**

Luka Lüdicke wrote:

If you like it and want to include it, I can make a "cleaner" diff and add a unit test for the last\_assignee method.

like I said, if you like it I would make the effort for a clean patch that you could "just" apply...

**#15 - 2017-07-25 12:49 - Luka Lüdicke**

suggestions for specs

## Test Plan

## Edit Issue

1. open issue edit form
2. use select box
3. expect: last assignee is shown in the first options
4. expect: assignment to that user is successful

## bulk edit

1. open multiple issues with batch edit
2. expect: successful page load and no last assignee option in assigned\_to select box

## Issue Category

1. open project settings configuration
2. open issue categories tab
3. edit issue category
4. expect: successful page load and no last assignee option in assigned\_to select box

## New Issue

1. create new issue with an assignee
2. open edit page of that issue
3. expect: last assignee shows the author of the issue
4. expect: assignment to the user is successful

### #16 - 2018-02-17 16:02 - Albrecht Dreß

I applied the patch "last\_assignee\_wip.diff" to a standard Debian Stretch Redmine (v. 3.3.1), and it works somehow – only the value in the combo reads

```
<< <span class="translation_missing"; title="translation missing: en.issue.last_assignee">Last Assignee</span>
>>
```

Anything I missed here?

BTW, it would be cool if the *Last Assignee* could be added to the *Field Permissions* in the workflow configuration, i.e. as an additional option for the *Assignee* field, which would actually *force* setting the previous assignee whenever the ticket is edited. Think of a typical (for me) use case: developer *A* needs feedback from reporter *R*, who has only the permission to set the *Assignee* field to the previous one. So *A* just sets the assignee to *R*. Now, when *R* edits the ticket, it will *automatically* be assigned back to *A*, avoiding all problems of a ticket mistakenly being assigned to another person. Would such an implementation be possible?

### #17 - 2018-02-27 22:10 - Albrecht Dreß

Albrecht Dreß wrote:

I applied the patch "last\_assignee\_wip.diff" to a standard Debian Stretch Redmine (v. 3.3.1), and it works somehow – only the value in the combo reads

It appears that changing in `app/helpers/application_helper.rb` the line

```
s << content_tag('option', "<< #{t('issue.last_assignee', name: User.find_by_id(last_assignee_id).try(:name))} >>",
                 value: last_assignee_id) if (last_assignee_id && (last_assignee_id != User.current.id))
```

to

```
s << content_tag('option', "<< #{l(:last_assignee, name: User.find_by_id(last_assignee_id).try(:name))} >
>",
                 value: last_assignee_id) if (last_assignee_id && (last_assignee_id != User.current.id))
```

fixes this.

However, now the wrong "last assignee" is displayed...

After printing some debugging output, it seems that the *journals* in `app/models/issue.rb`, `last_assigned_to` are actually sorted as latest first. Replacing

```
journals.reverse_each do |j|
```

by

```
journals.each do |j|
```

seems to do the right thing. Can you confirm this is the proper solution?

**#18 - 2018-07-25 06:59 - Mizuki ISHIKAWA**

- File *previous-assignee-v2.0.patch* added

- File *previous-assignee-v2.1.patch* added

Thank you for sharing your patch, Luka Lüdicke.  
I think this feature will be useful in projects with many users.

I made some changes, such as adding a test to your patch. ( and I removed it because some changes for German were included. )  
→ [previous-assignee-v2.0.patch](#)

Since I think that `previous_assignee` is more appropriate than `last_assignee`, I also created a version patch that replaced the "previous".  
→ [previous-assignee-v2.1.patch](#)

Albrecht Dreß wrote:

However, now the wrong "last assignee" is displayed...

After printing some debugging output, it seems that the *journals* in `app/models/issue.rb`, `last_assigned_to` are actually sorted as latest first.  
Replacing [...] by [...] seems to do the right thing. Can you confirm this is the proper solution?

In my environment I seemed to work normally even with `reverse_each`.  
Therefore, I use `reverse_each` also in the patch attached by me.

**#19 - 2018-08-03 14:49 - Albrecht Dreß**

Mizuki ISHIKAWA wrote:

Albrecht Dreß wrote:

However, now the wrong "last assignee" is displayed...

After printing some debugging output, it seems that the *journals* in `app/models/issue.rb`, `last_assigned_to` are actually sorted as latest first.  
Replacing [...] by [...] seems to do the right thing. Can you confirm this is the proper solution?

In my environment I seemed to work normally even with `reverse_each`. Therefore, I use `reverse_each` also in the patch attached by me.

Hmmm, strange. Which Redmine version do you use?

**#20 - 2018-08-06 09:35 - Mizuki ISHIKAWA**

Albrecht Dreß wrote:

Hmmm, strange. Which Redmine version do you use?

I tested on trunk( [r17463](#) ) and 3.4 versions.

When I checked sql on rails console, it looks like ascending order.

```
[1] pry(main)> puts Journal.all.to_sql
SELECT "journals".* FROM "journals"
=> nil
[2] pry(main)> issue = Issue.first
~~
[3] pry(main)> puts issue.journals.to_sql
SELECT "journals".* FROM "journals" WHERE "journals"."journalized_id" = 1 AND "journals"."journalized_type"
= 'Issue'
=> nil
```

thanks

**#21 - 2018-08-16 18:15 - Go MAEDA**

- Related to Feature #19501: Assign issue to <<author>> added

**#22 - 2018-09-23 02:46 - Go MAEDA**

- Target version set to Candidate for next major release

**#23 - 2018-10-06 07:01 - Go MAEDA**

- Target version changed from Candidate for next major release to 4.1.0

The patch looks good to me. Setting target version to 4.1.0.

**#24 - 2019-02-03 09:38 - Go MAEDA**

previous\_assigned\_to method in the patch should return nil if no previous assignee is found, but it returns Journal::ActiveRecord\_Associations\_CollectionProxy which is the return value of journals.reverse\_each.

Probably we should add nil at the end of the method.

```

# Returns the previous assignee from the issue history
def previous_assigned_to
  journals.reverse_each do |j|
    previous_assignee_change = j.detail_for_attribute 'assigned_to_id'
    return User.find_by(id: previous_assignee_change.old_value.to_i) if previous_assignee_change &&
previous_assignee_change.old_value
  end
  nil
end

```

**#25 - 2019-04-30 11:56 - Go MAEDA**

- Related to Feature #14602: Assignee list should be (optionally) ordered by probability added

**#26 - 2019-06-02 06:07 - Go MAEDA**

- Related to Feature #23072: Speed-Up the setting of "assigned to" by showing good guesses at the top of the list added

**#27 - 2019-09-05 18:02 - Go MAEDA**

- Target version changed from 4.1.0 to Candidate for next major release

**#28 - 2023-04-06 10:09 - Mizuki ISHIKAWA**

- File previous-assignee-v3.patch added

Fixed conflicts with the latest code and added tests.

**Files**

previous-assignee-v1.0.patch	4.92 KB	2014-02-06	Gurvan Le Dromaguet
20131010000000_add_previous_assignee.rb	213 Bytes	2014-03-03	Gurvan Le Dromaguet
last_assignee_wip.diff	3 KB	2016-11-17	Luka Lüdicke
previous-assignee-v2.0.patch	4.34 KB	2018-07-25	Mizuki ISHIKAWA
previous-assignee-v2.1.patch	4.46 KB	2018-07-25	Mizuki ISHIKAWA
previous-assignee-v3.patch	4.66 KB	2023-04-06	Mizuki ISHIKAWA