

## 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> 4.1.0	
<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:	
<ul style="list-style-type: none"><li>- previous assignee in contextual menu</li><li>- maybe reusing changes done in r12419</li></ul>	
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) or...	<b>New</b>
Duplicated by Redmine - Feature # 24319: Last assigned to option in the Assig...	<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**

*- Duplicated by 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 and `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

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#### Edit Issue

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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

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

#### Issue Category

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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

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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. )  
→ attachment: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".  
→ attachment: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

**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