

## Redmine - Feature #29771

### Sort issues by due date in email reminders

2018-10-16 02:38 - Go MAEDA

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Go MAEDA	<b>% Done:</b>	0%
<b>Category:</b>	Email notifications	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	4.0.0		
<b>Resolution:</b>	Fixed		
<b>Description</b>			
Currently, it seems that issues in email reminders are not sorted, or sorted in a less meaningful order for humans.  I think it is useful for most users to sort issues by the due date in descending order (overdue issues are shown first).			
<b>Related issues:</b>			
Related to Redmine - Patch # 6357: Show and sort by due_date in reminders		<b>Closed</b>	<b>2010-09-10</b>

#### Associated revisions

##### Revision 17624 - 2018-11-06 04:13 - Go MAEDA

Sort issues by due date in email reminders (#29771).

Patch by Yuichi HARADA.

#### History

##### #1 - 2018-10-16 02:39 - Go MAEDA

- Related to Patch #6357: Show and sort by due\_date in reminders added

##### #2 - 2018-10-17 08:37 - Yuichi HARADA

- File 29771-reminders-order-due-date.patch added

Currently, the order of arrangement depends on the DBMS. (In no order)

Go MAEDA wrote:

| *I think it is useful for most users to sort issues by the due date in descending order (overdue issues are shown first).*

I made a patch, and attach it.

```
diff --git a/app/models/mailer.rb b/app/models/mailer.rb
```

```
index 468e6c21a..800fdde88 100644
```

```
--- a/app/models/mailer.rb
```

```
+++ b/app/models/mailer.rb
```

```
@@ -27,7 +27,7 @@ class Mailer < ActionMailer::Base
```

```
  include Roadie::Rails::Automatic
```

```
  # Overrides ActionMailer::Base#process in order to set the recipient as the current user
```

```
- # and his language as the default locale.
```

```
+ # and his language as the default locale.
```

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```
# The first argument of all actions of this Mailer must be a User (the recipient),
# otherwise an ArgumentError is raised.
def process(action, *args)
@@ -584,6 +584,7 @@ class Mailer < ActionMailer::Base
  issues_by_assignee.each do |assignee, issues|
    if assignee.is_a?(User) && assignee.active? && issues.present?
      visible_issues = issues.select {|i| i.visible?(assignee)}
+   visible_issues.sort!{|a, b| (b.due_date <=> a.due_date).nonzero? || (a.id <=> b.id)}
      reminder(assignee, visible_issues, days).deliver_later if visible_issues.present?
    end
  end
end
```

### #3 - 2018-10-21 02:05 - Go MAEDA

- Target version set to Candidate for next major release

### #4 - 2018-11-04 02:27 - Go MAEDA

- File 29771-v2.patch added

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

Thank you for posting the patch. The patch works fine for me.

I slightly updated the test code in Yuichi HARADA's patch to make it even easier to read. Attaching the new patch.

### #5 - 2018-11-05 03:27 - Yuichi HARADA

Go MAEDA wrote:

| I slightly updated the test code in Yuichi HARADA's patch to make it even easier to read. Attaching the new patch.

It is easy to understand using assert\_select.

### #6 - 2018-11-05 04:16 - Yuichi HARADA

- File 29771-v3.patch added

Yuichi HARADA wrote:

| Go MAEDA wrote:

| | I slightly updated the test code in Yuichi HARADA's patch to make it even easier to read. Attaching the new patch.

| | It is easy to understand using assert\_select.

I'm sorry.

The new patch was not attach.

I changed due\_date in ascending order, because overdue issues are shown first.  
I rebuilt a patch, and attach it.

**#7 - 2018-11-06 04:14 - Go MAEDA**

- Status changed from New to Closed
- Assignee set to Go MAEDA
- Target version changed from 4.1.0 to 4.0.0
- Resolution set to Fixed

Committed. Thank you for improving Redmine.

**Files**

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29771-reminders-order-due-date.patch	2.64 KB	2018-10-17	Yuichi HARADA
29771-v2.patch	1.8 KB	2018-11-04	Go MAEDA
29771-v3.patch	2.78 KB	2018-11-05	Yuichi HARADA