

Redmine - Feature #23778

default sort email reminders by due date (and list due date in email)

2016-09-07 17:10 - John Simmons

|  |                     |                 |           |
|--|---------------------|-----------------|-----------|
| Status:  | Closed              | Start date:     |           |
| Priority:  | Normal              | Due date:       |           |
| Assignee:  |                     | % Done:         | 0%        |
| Category:  | Email notifications | Estimated time: | 0.00 hour |
| Target version:  |                     |                 |           |
| Resolution:  | Duplicate           |                 |           |
| <b>Description</b><br>I think this should be default behavior. I've already written the code to do this, but I'm not sure how to get the code to you since the [contribute](http://www.redmine.org/projects/redmine/wiki/Contribute) page says not to use pull requests. What is the preferred method of getting the code to you on github? I see the link to creating patches on git, but I didn't really follow it. Can someone give me a more detailed explanation?<br><br>I uploaded a file of what our email reminders look like now after the changes. |                     |                 |           |
| <b>Related issues:</b><br>Related to Redmine - Patch #6357: Show and sort by due_date in remindersClosed2010-09-10<br>Related to Redmine - Feature #31225: Show the number of days left until the d...Closed   |                     |                 |           |

History

#1 - 2016-09-07 19:00 - Moritz Koehler

would you mind to share the code here for now. Looks very good.

#2 - 2016-09-07 20:16 - John Simmons

In app/helpers/application\_helper.rb, in the link\_to\_issue function

```
def link_to_issue(issue, options={})
  title = nil
  subject = nil
  text = options[:tracker] == false ? "##{issue.id}" : "#{issue.tracker} ##{issue.id}"
  if options[:subject] == false
    title = issue.subject.truncate(60)
  else
    subject = issue.subject
    if truncate_length = options[:truncate]
      subject = subject.truncate(truncate_length)
    end
  end
  only_path = options[:only_path].nil? ? true : options[:only_path]
  s = link_to(text, issue_url(issue, :only_path => only_path),
    :class => issue.css_classes, :title => title)
  s << h(" : #{subject}") if subject
  #This is the only line that changes here
  s = h("Due date #{issue.due_date} : #{issue.project} - ") + s if options[:project]
  s
end
```

The other change is in app/models/mailer.rb, in the reminders function

```
def self.reminders(options={})
  days = options[:days] || 7
  project = options[:project] ? Project.find(options[:project]) : nil
  tracker = options[:tracker] ? Tracker.find(options[:tracker]) : nil
  target_version_id = options[:version] ? Version.named(options[:version]).pluck(:id) : nil
  if options[:version] && target_version_id.blank?
    raise ActiveRecord::RecordNotFound.new("Couldn't find Version with named #{options[:version]}")
  end
  user_ids = options[:users]
  scope = Issue.open.where("#{Issue.table_name}.assigned_to_id IS NOT NULL" +
    " AND #{Project.table_name}.status = #{Project::STATUS_ACTIVE}" +
    " AND #{Issue.table_name}.due_date <= ?", days.day.from_now.to_date
```

```

)
scope = scope.where(:assigned_to_id => user_ids) if user_ids.present?
scope = scope.where(:project_id => project.id) if project
scope = scope.where(:fixed_version_id => target_version_id) if target_version_id.present?
scope = scope.where(:tracker_id => tracker.id) if tracker
issues_by_assignee = scope.includes(:status, :assigned_to, :project, :tracker).
                        group_by(&:assigned_to)
issues_by_assignee.keys.each do |assignee|
  if assignee.is_a?(Group)
    assignee.users.each do |user|
      issues_by_assignee[user] ||= []
      issues_by_assignee[user] += issues_by_assignee[assignee]
    end
  end
end
issues_by_assignee.each do |assignee, issues|
  #My changes start here
  issues = issues.sort_by do |item|
    item[:due_date]
  end
  #End of changes
  reminder(assignee, issues, days).deliver if assignee.is_a?(User) && assignee.active?
end
end
end

```

I commented where the changes are.

### #3 - 2016-09-07 20:17 - John Simmons

It's barely anything, which is why I was a little shocked that it wasn't already sorted. But if accepted it will be my first contribution to redmine....so yay!

Also, this hasn't been fully tested. I've run it against everything I have right now, but I haven't run it through any official testing...so take it for what it's worth right now.

### #4 - 2016-09-07 20:25 - Marius BĂLTEANU

It'll be better to provide a patch. Check [How to create patch series on Mercurial and Git](#) or use the command `git diff > path_to_patch`

### #5 - 2016-09-07 23:20 - John Simmons

- *File emailSortByDate.patch added*

Here's the patch. If I'm supposed to put it somewhere else please let me know. Also, I won't have a chance to really test it for a few days probably, so if you see any errors please let me know.

### #6 - 2016-09-12 07:16 - Toshi MARUYAMA

"link\_to\_issue" is used at many places.  
So,

```
s = h("Due date #{issue.due_date} : #{issue.project} - ") + s if options[:project]
```

breaks many places.

### #7 - 2018-10-16 02:26 - Go MAEDA

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

### #8 - 2018-11-06 23:02 - Go MAEDA

Issues in reminders are now sorted by due date ([#29771](#)).

### #9 - 2019-04-29 04:44 - Go MAEDA

- *Related to Feature #31225: Show the number of days left until the due date in reminders added*

### #10 - 2019-05-19 10:58 - Go MAEDA

- *Status changed from New to Closed*  
- *Resolution set to Duplicate*

The upcoming Redmine 4.1.0 shows the number of days left until the due date ("due in X days" / "X days late"). Please see [#31225](#) for details.

Files

|                           |         |            |              |
|---------------------------|---------|------------|--------------|
| redmineReminderEdited.png | 71 KB   | 2016-09-07 | John Simmons |
| emailSortByDate.patch     | 1.67 KB | 2016-09-07 | John Simmons |