

## Redmine - Defect #40100

### User ordering by name is incorrect for french language

2024-01-23 15:33 - philippe lhardy

|  |                                  |                          |           |
|--|----------------------------------|--------------------------|-----------|
| <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>   | Accounts / authentication        | <b>Estimated time:</b>   | 0.00 hour |
| <b>Target version:</b>   | Candidate for next major release | <b>Affected version:</b> |           |
| <b>Resolution:</b>   |                                  |                          |           |
| <b>Description</b>   |                                  |                          |           |
| by example in user list to pick for ticket assignement users with accentuated characters don't follow natural french ordering. It should normalize name with accentuated characters like èè to correpoding non accenutated letter prior of ordering. when the list is very long it can lead to the false impression that user is not registered. |                                  |                          |           |
| in redmine : Claire < Clovis < Clément < Constantin < Cyril < Céline   |                                  |                          |           |
| while we would expect : Céline (Celine) < Claire < Clément (Clement) < Clovis < Constantin < Cyril   |                                  |                          |           |

### History

#### #1 - 2024-01-23 15:37 - philippe lhardy

I noticed that some features have been requested for user ordering like :

<https://www.redmine.org/issues/19484>

<https://www.redmine.org/issues/22497>

#### #2 - 2024-01-23 15:44 - philippe lhardy

- File Capture d'écran du 2024-01-23 15-42-09.png added

Example of listing in drop down list of assignee.

#### #3 - 2024-01-23 15:49 - philippe lhardy

- File Capture d'écran du 2024-01-23 15-46-45.png added

This problem does not show in listing of project members, so this bug depends on context and redmine already knows how to deal correctly with accentuated ordering.

#### #4 - 2024-01-23 15:55 - philippe lhardy

- File Capture d'écran du 2024-01-23 15-53-29.png added

watcher ordering is different from the list given in search for those.

#### #5 - 2024-01-23 18:29 - philippe lhardy

It is possible to fix watcher ordering by replacing sort by in sorted app/helpers/issues\_helper.rb

```
diff --git a/app/helpers/issues_helper.rb b/app/helpers/issues_helper.rb
index 2453c1204..ca5c163e4 100644
--- a/app/helpers/issues_helper.rb
+++ b/app/helpers/issues_helper.rb
@@ -467,7 +467,7 @@ module IssuesHelper
   users = issue.watcher_users.select{|u| u.status == User::STATUS_ACTIVE}
   assignable_watchers = issue.project.principals.assignable_watchers.limit(21)
   if assignable_watchers.size <= 20
-     users += assignable_watchers.sort
+     users += assignable_watchers.sorted
   end
   users.uniq
end
```

**#6 - 2024-01-23 19:40 - philippe lhardy**

- File `user_sorting_20240123193437.patch` added

Here my patch to fix assignee `drop_down_list` and watchers sorting in french.  
might apply to any language where `ascii/utf-8` ordering is not same than characters comparisons.

**#7 - 2024-01-24 05:26 - Go MAEDA**

- Target version set to *Candidate for next major release*

**#8 - 2024-02-08 00:50 - Bolesław Kalinowski**

Patch `user_sorting_20240123193437.patch` doesn't correct error for Polish language.

**#9 - 2024-02-08 08:32 - philippe lhardy**

Hi Boleslaw,

This patch assumption is that database ordering is fine while ruby ordering is not, patch is to always use sorted on active record and not sort on string. It might differ depending on database, i did my test on postgres.

Please open a specific defect for polish language with a set of example of expected ordering and link this new issue here.

Regards  
Philippe.

**#10 - 2024-02-08 11:02 - Bolesław Kalinowski**

Sorry, my mistake.

P.S.  
Why, when I open <https://www.redmine.org/attachments/31850>, and compare with 'issues\_helper.rb' (Redmine 5.1 stable) I see different line numbering?

**Files**

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|  |         |            |                 |
|--|---------|------------|-----------------|
| Capture d'écran du 2024-01-23 15-42-09.png     | 48.2 KB | 2024-01-23 | philippe lhardy |
| Capture d'écran du 2024-01-23 15-46-45.png     | 53.7 KB | 2024-01-23 | philippe lhardy |
| Capture d'écran du 2024-01-23 15-53-29.png     | 136 KB  | 2024-01-23 | philippe lhardy |
| <code>user_sorting_20240123193437.patch</code> | 2.07 KB | 2024-01-23 | philippe lhardy |