

## Redmine - Patch #23378

### Speedup Project Settings with many members

2016-07-19 23:00 - Victor Campos

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	Performance	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>Description</b>			
Hi, There is a .sort in _members.html.erb partial that take a lot of time for project that have more than 12s to execute, so I change for .order('roles.builtin, roles.position, users.firstname, users.lastname')			
<pre>- members = @project.memberships.active.includes(:member_roles, :roles, :principal).to_a.sort + members = @project.memberships.active.includes(:member_roles, :roles, :principal).order('roles.builtin, roles.position, users.firstname, users.lastname')</pre>			
<pre>Benchmark.measure { project.memberships.active.includes(:member_roles, :roles, :principal).order('roles.builtin, roles.position, users.firstname, users.lastname').to_a }</pre>			
<pre>#&lt;Benchmark::Tms:0x00000008a427e0 @label="", @real=0.7370121359999757, @cstime=0.0, @cutime=0.0, @stime=0.0, @utime=0.6500000000000004, @total=0.6500000000000004&gt;</pre>			
<pre>Benchmark.measure { project.memberships.active.includes(:member_roles, :roles, :principal).to_a.sort }</pre>			
<pre>#&lt;Benchmark::Tms:0x0000000c68f450 @label="", @real=12.094179325009463, @cstime=0.0, @cutime=0.0, @stime=0.019999999999999962, @utime=12.029999999999998, @total=12.049999999999997&gt;</pre>			

#### History

##### #1 - 2016-07-29 07:45 - Go MAEDA

Interesting. Reducing 12 sec to 0.6 sec is big improvement. How many members on the project?

Here is a diff made from the first post.

```
Index: app/views/projects/settings/_members.html.erb
=====
--- app/views/projects/settings/_members.html.erb      (revision 15732)
+++ app/views/projects/settings/_members.html.erb      (working copy)
@@ -1,5 +1,5 @@
 <% roles = Role.find_all_givable
-  members = @project.memberships.active.includes(:member_roles, :roles, :principal).to_a.sort %>
+  members = @project.memberships.active.includes(:member_roles, :roles, :principal).order('roles.builtin, roles.position, users.firstname, users.lastname')

<p><%= link_to l(:label_member_new), new_project_membership_path(@project), :remote => true, :class => "icon icon-add" %></p>
```

##### #2 - 2016-07-29 14:09 - Victor Campos

6K members

##### #3 - 2016-08-18 06:37 - Toshi MARUYAMA

I think SQL "users.firstname, users.lastname" order is not acceptable because AFAIK user sort is configurable.

[source:tags/3.3.0/app/models/user.rb#L24](https://source.tags/3.3.0/app/models/user.rb#L24)

##### #4 - 2024-01-20 09:59 - Go MAEDA

- Status changed from New to Closed

Closing this issue for the reason described in [#note-3](#).

#5 - 2024-01-20 13:23 - Holger Just

This was already fixed in Redmine [3.4.0](#) with [r16040](#) by using `Principal.fields_for_order_statement`