

## Redmine - Feature #17747

### Private roles

2014-08-26 17:29 - Wim DePreter

|  |                       |                        |                   |
|--|-----------------------|------------------------|-------------------|
| <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>   | Permissions and roles | <b>Estimated time:</b> | 0.00 hour         |
| <b>Target version:</b>   |                       |                        |                   |
| <b>Resolution:</b>   |                       |                        |                   |
| <b>Description</b> <p>This is a proposal for changing visibility of some project (non-)members, by using private roles.<br/>Private roles could be used:</p> <ul style="list-style-type: none"><li>• to give users access to a private project, without being visible as project members<br/>f.e. read-only access (users can't be assignees or authors)</li><li>• to change permissions of users to a public project, without being visible as project members<br/>f.e. give trusted users (non contributors) the permission to create issue-relations on redmine.org</li></ul> <p>The visibility of users with a private role is equivalent to the "Non member" role</p> <p>This implies certain changes:</p> <ul style="list-style-type: none"><li>• a boolean-attribute "private" on roles</li><li>• private role and users with this role are not listed in project overview</li><li>• users with (only) a private role are not listed:<ul style="list-style-type: none"><li>◦ in issue query - user-combobox (author, assignee, custom user field)</li><li>◦ in issue summary (assignee/author list)</li></ul></li><li>• users with (only) a private role are visible (like non-members) if they acted on an issue (as author or when adding a note):<ul style="list-style-type: none"><li>◦ in activity overview</li><li>◦ in issue detail</li><li>◦ in issue query if grouped by author/assignee</li></ul></li></ul> <p>Note that a user can have a private role on a certain project, and a public role (member) on another project</p> <b>Optional - permission "view private users"</b> <p>If a user has the permission "view users with private role", then users with private roles are treated the same as users with public roles</p> <b>Some related issues:</b> <ul style="list-style-type: none"><li>• defect <a href="#">#7645</a> could be resolved by giving readonly users a private role</li><li>• <a href="#">#11724</a></li></ul> |                       |                        |                   |
| <b>Related issues:</b>   |                       |                        |                   |
| Related to Redmine - Defect #7645: Issue summary should filter Assignee & Aut...   |                       | <b>New</b>             | <b>2011-02-18</b> |
| Related to Redmine - Feature #11724: Prevent users from seeing other users ba...   |                       | <b>Closed</b>          |                   |
| Related to Redmine - Feature #6015: Private Users  |                       | <b>New</b>             | <b>2010-08-02</b> |
| Related to Redmine - Feature #13533: Concept for controlling visibility of users   |                       | <b>New</b>             |                   |

### History

#### #1 - 2014-09-24 10:21 - Toshi MARUYAMA

- Related to Defect #7645: Issue summary should filter Assignee & Author lists added

#### #2 - 2014-09-24 10:22 - Toshi MARUYAMA

- Related to Feature #11724: Prevent users from seeing other users based on their project membership added

#### #3 - 2015-02-26 12:17 - Wim DePreter

With implementation of [#11724](#), my requested optional permission "view private users" should be changed into an extra option for Users visibility, which should have 3 options:

- (existing) All active users
- (existing) All members of visible projects
- (new) All non-private members of visible projects

Some use-cases

1. Give readonly-access for a private project to users without being visible to other users (f.e. for reporting)
2. Hide "internal" users (this is our case)  
we have a private project per customer and:

- all "internal" users should have access (via private role) to all customer projects
- "customer" user should only see
  - other users of the same customer (by definition, customer user has only access to his project)
  - account manager for that customer ("account manager" is a not-private role)
  - none of the (other, i.e. different from the account manager) "internal" users

I see also a relationship with [#6015](#) and [#13533](#)

#### #4 - 2015-03-18 11:49 - Wim DePreter

- File *private\_role\_redmine\_3.0.patch* added

I've no experience with Ruby, but inspired by (and building on) the modifications for [#11724](#), I've created a patch. It's very basic (created with trial and error), and maybe there are still some issues with it.

Usage:

- A role is private if name begins with "private."  
(this should be a new "private" attribute on roles, but I don't want to introduce database-changes with a patch)
- Only administrator can assign a private role to a user/group

Remarks:

- Patch doesn't work for Custom User Fields (we don't use these, and I couldn't find how to filter the list)
- Role option user visibility = "Members of visible projects" is always considered as "All non-private members of visible projects"
- I've reverted a change from [r13584](#) ([users\\_controller.rb](#)), because if user with private role (or non-member?) acts on an issue (or is assigned to an issue), user-detail should be visible
- I didn't find a way to filter the detailed view in issue-summary for assignees or authors, so a page 404 is shown instead (if current user can't see all members)
- Patch is tested in a single-user environment (bitnami-package), maybe there are some performance-issues

#### #5 - 2015-03-27 12:45 - Toshi MARUYAMA

- Related to Feature [#6015](#): Private Users added

#### #6 - 2015-03-27 12:46 - Toshi MARUYAMA

- Related to Feature [#13533](#): Concept for controlling visibility of users added

#### #7 - 2016-01-01 15:51 - Filip Sabo

Can I apply this patch on Redmine 3.1.1? I also have bitnami package. I am getting a reject file project.rb.rej:

```
--- app/models/project.rb      (revision 14045)
+++ app/models/project.rb      (working copy)
@@ -31,7 +31,10 @@
   has_many :time_entry_activities
   has_many :members,
     lambda { joins(:principal, :roles).
-              where("#{Principal.table_name}.type='User' AND #{Principal.table_name}.status=#{Principal::STATUS_ACTIVE}") }
+              ## begin patch private role
+              #where("#{Principal.table_name}.type='User' AND #{Principal.table_name}.status=#{Principal::STATUS_ACTIVE}") }
+              where("#{Principal.table_name}.type='User' AND #{Principal.table_name}.status=#{Principal::STATUS_ACTIVE} AND #{Role.table_name}.name NOT LIKE 'private.%'")
+              ## end patch private role
   has_many :memberships, :class_name => 'Member'
   has_many :member_principals,
     lambda { joins(:principal).

```

Not sure why this happened. When I add private to developer role it is not private, it is visible in the project overview when the reporter logs in.

Thanks

Filip

#### #8 - 2016-03-09 15:07 - Wim DePreter

- File *private\_role\_redmine\_3.2.patch* added

I've made some changes to my patch for Redmine 3.2

Usage:

- A role is private if name of role begins with "private." (case-sensitive!)
- Only administrator can assign a private role to a user/group

Extra remarks (see also [#17747#note-4](#)):

- Patch has no impact on Custom Fields of type User, but it is possible in Redmine:
  - to select which users (by role) are listed
  - which users (by role) can see the custom field

#### #9 - 2016-03-09 16:31 - Wim DePreter

- File *private\_role\_redmine\_3.2bis.patch* added

Wim DePreter wrote:

- I didn't find a way to filter the detailed view in issue-summary for assignees or authors, so a page 404 is shown instead (if current user can't see all members)

I've updated my latest patch, so that detailed issue summary for authors/assignees is possible for every user

#### #10 - 2016-03-16 11:19 - Wim DePreter

- File *private\_role\_redmine\_3.2ter.patch* added

I've made some small changes:

- private roles are now visible in project-overview for admin-users
- undo (most of) my changes to *user\_controller.rb*, because the patch is meant to hide the user-info of private-roles
  - as a consequence, when user A with (only) a private role acts on an issue, and user B (without permission to view all users) tries to consult the user-info of user A, he will get an error-message 403 (not authorised).
  - in the old version, all user-info of private members was available to all members (this could be a problem with confidentiality)

If someone with more ruby-experience wants to improve this patch, feel free, because:

- I'm not totally happy with my modifications to *principal.rb*
- all private roles are still listed in user-info

#### #11 - 2021-04-30 14:23 - Wim DePreter

- File *private\_role\_redmine\_4.2.patch* added

update patch for redmine 4.2 (still very basic, because i have no Ruby experience)

#### Files

|  |         |            |              |
|--|---------|------------|--------------|
| <i>private_role_redmine_3.0.patch</i>    | 5.74 KB | 2015-03-18 | Wim DePreter |
| <i>private_role_redmine_3.2.patch</i>    | 5.36 KB | 2016-03-09 | Wim DePreter |
| <i>private_role_redmine_3.2bis.patch</i> | 5.65 KB | 2016-03-09 | Wim DePreter |
| <i>private_role_redmine_3.2ter.patch</i> | 5.04 KB | 2016-03-16 | Wim DePreter |
| <i>private_role_redmine_4.2.patch</i>    | 5.17 KB | 2021-04-30 | Wim DePreter |