

Redmine - Defect #42192

Project settings members tab may raise ArgumentError if orphaned member records exist

2025-01-30 09:28 - Mika Seppälä

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Go MAEDA	% Done:	0%
Category:	Project settings	Estimated time:	0.00 hour
Target version:	6.0.4	Affected version:	6.0.2
Resolution:	Fixed		
Description			
Hi,			
after upgrading to 6.0.2, trying to open some project's settings cause http 500 error. Some projects settings page opens normally, and there seems to be no visible differences between those opening, and those giving this error. On 5.xx (and prior) versions every project open normally.			
This might be related to this change on version 6.0.0			
4. Icons have been replaced with SVG icons provided by Tabler (#23980):			
Log:			
<pre>I, [2025-01-20T11:24:11.137017 #1] INFO -- : Completed 500 Internal Server Error in 484ms (Active Record: 296.1ms (24 queries, 0 cached) GC: 3.3ms) F, [2025-01-20T11:24:11.137989 #1] FATAL -- : ActionView::Template::Error (First argument has to be a Principal, was nil):</pre>			
Causes:			
<pre>ArgumentError (First argument has to be a Principal, was nil) 20: <% next if member.new_record? %> 21: <tr id="member-<%= member.id %>" class="member"> 22: <td class="name icon icon-<%= member.principal.class.name.downcase %>"> 23: <%= principal_icon(member.principal) %> 24: <%= link_to_user member.principal %> 25: </td> 26: <td class="roles"></pre>			
<pre>app/helpers/icons_helper.rb:49:in `principal_icon' app/views/projects/settings/_members.html.erb:23 app/views/projects/settings/_members.html.erb:19:in `each' app/views/projects/settings/_members.html.erb:19 app/views/common/_tabs.html.erb:21 app/views/common/_tabs.html.erb:20:in `each' app/views/common/_tabs.html.erb:20 app/helpers/application_helper.rb:525:in `render_tabs' app/views/projects/settings.html.erb:3 lib/redmine/sudo_mode.rb:78:in `sudo_mode'</pre>			

Associated revisions

Revision 23500 - 2025-02-09 07:56 - Go MAEDA

Fix ArgumentError in project settings members tab when orphaned member records exist (#42192).

Patch by Holger Just (user:hjust).

Revision 23504 - 2025-02-11 04:11 - Go MAEDA

Merged r23500 from trunk to 6.0-stable (#42192).

History

#1 - 2025-01-30 10:02 - Go MAEDA

- Status changed from New to Needs feedback

The issue is likely caused by an inconsistency between the members table and the users table. Specifically, it occurs when there is no corresponding record in the users table for the user_id foreign key in the members table. This situation can happen, for example, if records in the users table are manually deleted using an SQL DELETE statement.

As a temporary fix, please open the Redmine source code file app/helpers/icons_helper.rb and add return if principal.nil? right after the line def principal_icon(principal, **options). Then, restart the Redmine application (or the web server) and check if the issue is resolved.

```
diff --git a/app/helpers/icons_helper.rb b/app/helpers/icons_helper.rb
index 99006308e..9a39c0d47 100644
--- a/app/helpers/icons_helper.rb
+++ b/app/helpers/icons_helper.rb
@@ -46,6 +46,7 @@ module IconsHelper
  end

  def principal_icon(principal, **options)
+   return if principal.nil?
    raise ArgumentError, "First argument has to be a Principal, was #{principal.inspect}" unless principal.is_a?(Principal)

    principal_class = principal.class.name.downcase
```

#2 - 2025-01-30 10:25 - Mika Seppälä

Hil!

and many thanks for the quick response, that resolved the issue!

br,

-mika

#3 - 2025-01-30 10:43 - Go MAEDA

- File 42192.patch added

- Subject changed from Opening project settings cause http 500 error to Project settings members tab may raise ArgumentError if orphaned member records exist

- Category changed from Issues to Project settings

- Status changed from Needs feedback to Confirmed

- Target version set to 6.0.4

Thank you for your feedback. I will include this fix in [6.0.4](#).

#4 - 2025-01-30 12:52 - Mika Seppälä

And your assesment of the root cause was correct too. We had rows in members table which pointed to non-existent users.

br,

-mika

#5 - 2025-01-30 15:09 - Holger Just

Rather than trying to workaround the deliberate exception in the principal_icon helper, a different option may be handle this condition in the callsite instead. This could look as follows:

```
diff --git a/app/views/projects/settings/_members.html.erb b/app/views/projects/settings/_members.html.erb
index abe4ed9969..0514baca0e 100644
--- a/app/views/projects/settings/_members.html.erb
+++ b/app/views/projects/settings/_members.html.erb
@@ -21,8 +21,10 @@
  <tr id="member-<%= member.id %>" class="member">
    <td class="name">
      <span class="icon">
-       <%= principal_icon(member.principal) %>
-       <%= link_to_user member.principal %>
+       <% if member.principal %>
+         <%= principal_icon(member.principal) %>
+         <%= link_to_user member.principal %>
```

```
+      <% end %>
      </span>
    </td>
    <td class="roles">
```

If desired, this could be amended to render an explanatory text in the view, e.g. "deleted user" or something similar.

#6 - 2025-02-06 01:52 - Go MAEDA

Holger Just wrote in [#note-5](#):

Rather than trying to workaround the deliberate exception in the `principal_icon` helper, a different option may be handle this condition in the callsite instead. This could look as follows:

Thank you for your suggestion, I will commit the patch in [#note-5](#).

#7 - 2025-02-09 07:57 - Go MAEDA

- *Status changed from Confirmed to Resolved*

- *Assignee set to Go MAEDA*

- *Resolution set to Fixed*

Committed the fix in [#note-5](#) in [r23500](#). Thank you for your contribution.

#8 - 2025-02-11 04:11 - Go MAEDA

- *Status changed from Resolved to Closed*

Merged the fix into the 6.0-stable branch in [r23504](#).

Files

42192.patch	1.14 KB	2025-01-30	Go MAEDA
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