

## Redmine - Patch #41678

### Fix lost backward compatibility about return type of ProjectQuery#results\_scope

2024-11-01 19:01 - Nishida Yuya

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Marius BĂLTEANU	<b>% Done:</b>	0%
<b>Category:</b>	Projects	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>Description</b>			
<a href="#">r22811</a> changed return type of ProjectQuery#results_scope : Project::ActiveRecord_Relation => Array of Project instance			
That change is no impact for Redmine end users. But it is broken backward compatibility for some Redmine plugins which uses ProjectQuery#results_scope . This patch fixes it.			
In addition, UserQuery#results_scope (same name method) still returns User::ActiveRecord_Relation . And TimeEntryQuery#results_scope ditto.			
Related issue: <a href="#">#23954</a>			
<b>Related issues:</b>			
Related to Redmine - Feature #23954: Shows the date of the last activity on P...			<b>Closed</b>

#### Associated revisions

##### Revision 23186 - 2024-11-03 12:53 - Marius BĂLTEANU

Adds test for #41678 (#23954).

Patch by Mizuki ISHIKAWA (user:ishikawa999).

##### Revision 23187 - 2024-11-03 12:56 - Marius BĂLTEANU

ProjectQuery#results\_scope should return Project::ActiveRecord\_Relation to keep the backward compatibility (#41678, #23954).

Patch by Nishida Yuya (user:nishidayuya).

#### History

##### #1 - 2024-11-01 19:28 - Nishida Yuya

After apply [fix\\_lost\\_backward\\_compatibility\\_about\\_return\\_type\\_of\\_ProjectQuery\\_results\\_scope\\_patch](#) , Project.load\_last\_activity\_date 's effect still lives as following:

Apply following patch for check.

```
diff --git a/app/controllers/projects_controller.rb b/app/controllers/projects_controller.rb
index f9a390c58..11078d89a 100644
--- a/app/controllers/projects_controller.rb
+++ b/app/controllers/projects_controller.rb
@@ -335,7 +335,9 @@ def bulk_destroy

  # Returns the ProjectEntry scope for index
  def project_scope(options={})
-   @query.results_scope(options)
+   @query.results_scope(options).tap do |result|
+     binding.b
+   end
  end

  def retrieve_project_query
```

Open /projects with "Last activity" column.

Then, @last\_activity\_date instance variable is exists following:

```
[334, 343] in ~/src/github.com/agileware-jp/redmine-dev-mirror/app/controllers/projects_controller.rb
```

```

334| private
335|
336| # Returns the ProjectEntry scope for index
337| def project_scope(options={})
338|   @query.results_scope(options).tap do |result|
=> 339|     binding.b
340|     end
341|   end
342|
343| def retrieve_project_query
=>
#0 block {|result=[#<Project:0x00007fe246c212c8 id: 1, name...|} in project_scope at ~/src/github.com/agile
ware-jp/redmine-dev-mirror/app/controllers/projects_controller.rb:339
#1 Kernel#tap at <internal:kernel>:90
# and 70 frames (use `bt' command for all frames)
(ruby) result.to_a.first.instance_variable_get(:@last_activity_date)
Fri, 01 Nov 2024 17:10:02.900305000 UTC +00:00
(ruby) result.to_a.first.instance_variable_get(:@last_activity_date).class
ActiveSupport::TimeWithZone

```

## #2 - 2024-11-03 07:10 - Nishida Yuya

Nishida Yuya wrote:

[r22811](#) changed return type of ProjectQuery#results\_scope : Project::ActiveRecord\_Relation => Array of Project instance

First time, I saw this return type change at [r23172](#) (too late sorry...) and found [r22811](#). Currently trunk ([r23178](#)) has same issue.

## #3 - 2024-11-03 08:40 - Mizuki ISHIKAWA

- File *add-test.patch* added

I confirmed that the method works without issues after applying the patch.

For the plugin, there might be problems if the class of the returned instance changes, so I would like this patch to be incorporated.

I wrote a simple test and attached it.

## #4 - 2024-11-03 12:52 - Marius BĂLTEANU

- Related to Feature #23954: Shows the date of the last activity on Projects administration added

## #5 - 2024-11-03 12:57 - Marius BĂLTEANU

- Status changed from New to Closed

- Assignee set to Marius BĂLTEANU

Committed the patches as part of [#23954](#), thank you for finding and fixing this issue.

## #6 - 2024-11-05 02:58 - Nishida Yuya

[Mizuki ISHIKAWA](#) Awesome!

[Marius BĂLTEANU](#) Thank you for your response!

## Files

File Name	Size	Created	Author
fix_lost_backward_compatibility_about_return_type_of_ProjectQuery#results_scope.patch	640 Bytes	2024-11-01	Nishida Yuya
add-test.patch	1.18 KB	2024-11-03	Mizuki ISHIKAWA