

## Redmine - Patch #26711

### Use pluck instead of collect/map

2017-08-17 05:03 - jwjw yy

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Go MAEDA	<b>% Done:</b>	0%
<b>Category:</b>	Performance	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	4.0.0		
<b>Description</b>			
In app/helpers/my_helpers, 68: where(:project_id => User.current.projects.map(&:id)). Use pluck to get the id is much more efficient, since the query will only access the id field, instead of select * from projects: Before: SELECT `projects`.* FROM `projects` INNER JOIN `members` ON `projects`.`id` = `members`.`project_id` WHERE `members`.`user_id` = ? AND (projects.status<>9) " <a href="#">"user_id", 5341</a> After: SELECT `projects`.`id` FROM `projects` INNER JOIN `members` ON `projects`.`id` = `members`.`project_id` WHERE `members`.`user_id` = ? AND (projects.status<>9) " <a href="#">"user_id", 5341</a>			
<b>Related issues:</b>			
Related to Redmine - Patch #26726: Use pluck(:id) instead of collect(&:id)		<b>Closed</b>	

#### Associated revisions

##### Revision 17036 - 2017-11-26 15:37 - Go MAEDA

Use pluck instead of map in MyHelper (#26711).

Patch by jwjw yy.

##### Revision 17454 - 2018-07-28 17:24 - Go MAEDA

Use pluck(:id) instead of collect(&:id) (#26711).

Patch by jwjw yy.

##### Revision 17455 - 2018-07-29 07:45 - Go MAEDA

Use pluck(:id) instead of collect(&:id) in app/models/issue.rb (#26711).

#### History

##### #1 - 2017-08-17 05:49 - Toshi MARUYAMA

- Category set to Code cleanup/refactoring

- Target version set to 4.1.0

##### #2 - 2017-08-17 05:49 - Toshi MARUYAMA

- Tracker changed from Defect to Patch

##### #3 - 2017-08-17 06:05 - Go MAEDA

Index: app/helpers/my\_helper.rb

```
-----  
--- app/helpers/my_helper.rb      (revision 16952)  
+++ app/helpers/my_helper.rb      (working copy)  
@@ -78,7 +78,7 @@  
   def render_calendar_block(block, settings)  
     calendar = Redmine::Helpers::Calendar.new(User.current.today, current_language, :week)  
     calendar.events = Issue.visible.  
-     where(:project_id => User.current.projects.map(&:id)).  
+     where(:project_id => User.current.projects.pluck(:id)).  
       where("(start_date>=? and start_date<=?)" or "(due_date>=? and due_date<=?)", calendar.startdt, calendar.  
enddt, calendar.startdt, calendar.enddt).  
     includes(:project, :tracker, :priority, :assigned_to).
```

```
references(:project, :tracker, :priority, :assigned_to).  
@@ -139,7 +139,7 @@
```

```
def render_news_block(block, settings)  
  news = News.visible.  
-   where(:project_id => User.current.projects.map(&:id)).  
+   where(:project_id => User.current.projects.pluck(:id)).  
    limit(10).  
    includes(:project, :author).  
    references(:project, :author).
```

#### **#4 - 2017-11-26 15:40 - Go MAEDA**

- *Subject changed from .map should be changed to .pluck to Use pluck instead of map in MyHelper*
- *Status changed from New to Closed*
- *Assignee set to Go MAEDA*
- *Target version changed from 4.1.0 to 4.0.0*

Committed in the trunk. Thank you for pointing it out.

#### **#5 - 2018-07-28 17:20 - Go MAEDA**

- *Subject changed from Use pluck instead of map in MyHelper to Use pluck instead of collect/map*
- *Category changed from Code cleanup/refactoring to Performance*

#### **#6 - 2018-07-28 17:21 - Go MAEDA**

- *Related to Patch #26726: Use pluck(:id) instead of collect(&:id) added*