

## Redmine - Defect #15881

### Using Role::PermissionsAttributeCoder makes migration from 1.4 lose role permissions

2014-01-15 22:10 - David Escala

|   |                       |                          |           |
|---|-----------------------|--------------------------|-----------|
| <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>                                | Permissions and roles | <b>Estimated time:</b>   | 0.00 hour |
| <b>Target version:</b>                          |                       | <b>Affected version:</b> | 2.4.2     |
| <b>Resolution:</b>                              | Invalid               |                          |           |
| <b>Description</b>                              |                       |                          |           |
| In 1.4 permissions are serialized as            |                       |                          |           |
| ---   |                       |                          |           |
| - !ruby/sym add_project                         |                       |                          |           |
| - !ruby/sym edit_project                        |                       |                          |           |
| and   |                       |                          |           |
| scan(/:([a-z0-9_]+)/).flatten.map(&:to_sym)     |                       |                          |           |
| fails to load it. next thing it is saved empty. |                       |                          |           |

#### History

##### #1 - 2014-01-19 09:26 - Jean-Philippe Lang

- Status changed from New to Needs feedback
- Resolution set to Cant reproduce

Please read [SubmittingBugs](#). And what was the ruby version that you used with 1.4?

##### #2 - 2014-01-20 14:12 - David Escala

This is the old environment from which the database is coming from:

```
Ruby version      1.8.7 (x86_64-linux)
RubyGems version  1.8.24
Rails version     2.3.17
Database adapter  mysql
```

And this is the target environment:

```
Redmine version  2.4.2.stable
Ruby version     1.9.3-p194 (2012-04-20) [x86_64-linux]
Rails version    3.2.16
Database adapter  Mysql2
```

In the old environment a Symbol object is serialized as

```
>> :add_project.to_yaml
=> "--- !ruby/sym add_project"
```

instead of

```
>> :add_project.to_yaml
=> "--- :add_project\n"
```

I don't know the reason of this difference, though both are valid YAML representations of a Symbol object.

##### #3 - 2014-01-23 10:24 - David Escala

My setup is serializing this way because it uses a plugin which replaces YAML with [ZAML](#)

To avoid hitting this bug use this patch

```
--- a/app/models/role.rb
+++ b/app/models/role.rb
@@ -58,7 +58,7 @@ class Role < ActiveRecord::Base
   has_many :members, :through => :member_roles
   acts_as_list

-   serialize :permissions, ::Role::PermissionsAttributeCoder
+   serialize :permissions
   attr_protected :builtin

   validates_presence_of :name
```

#### **#4 - 2015-03-09 02:37 - Go MAEDA**

- *Status changed from Needs feedback to Closed*
- *Resolution changed from Cant reproduce to Invalid*

Thanks for providing details.

The cause of the error was plugin, not Redmine core. I close this issue.