

Redmine - Defect #33195

500 error when having only one SCM enabled

2020-03-24 21:05 - Txinto Vaz

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	SCM	Estimated time:	0.00 hour
Target version:		Affected version:	4.1.0
Resolution:	Invalid		

Description

Look at this code

```
def build_new_repository_from_params
  print params
  print ("\n-----\n")
  print params[:repository_scm]
  print ("\n-----2-----\n")
  print Redmine::Scm::Base.all
  print ("\n-----3-----\n")
  print Setting.enabled_scm
  print ("\n-----4-----\n")
  print (Redmine::Scm::Base.all & Setting.enabled_scm)
  print ("\n-----5-----\n")
  print (Redmine::Scm::Base.all & Setting.enabled_scm).first
  print ("\n-----6-----\n")
  scm = params[:repository_scm] || (Redmine::Scm::Base.all & Setting.enabled_scm).first
  unless @repository = Repository.factory(scm)
    render_404
    return
  end

  @repository.project = @project
  @repository.safe_attributes = params[:repository]
  @repository
end
```

And look at these two traces:

- The first one when you only have Git enabled as SCM (fails)
- The second one when you have Git and Bazaar enabled (works)

```
App 3169 output: lib/redmine/sudo_mode.rb:65:in `sudo_mode'
App 3169 output: I, [2020-03-24T19:56:15.246929 #3169] INFO -- : Started GET "/projects/demo/repositories/new" for 95.16.232.60 at 2020-03-24 19:56:15 +0000
App 3169 output: I, [2020-03-24T19:56:15.248246 #3169] INFO -- : Processing by RepositoriesController#new as */*
App 3169 output: I, [2020-03-24T19:56:15.248387 #3169] INFO -- : Parameters: {"project_id"=>"demo"}
App 3169 output: I, [2020-03-24T19:56:15.259065 #3169] INFO -- : Current user: admin (id=1)
App 3169 output: {"controller"=>"repositories", "action"=>"new", "project_id"=>"demo"}
App 3169 output:
App 3169 output: -----
App 3169 output:
App 3169 output: -----2-----
App 3169 output: ["Subversion", "Mercurial", "Cvs", "Bazaar", "Git", "Filesystem"]
App 3169 output:
App 3169 output: -----3-----
App 3169 output: ---
App 3169 output: - Git
App 3169 output:
```

```
App 3169 output: -----4-----
App 3169 output: I, [2020-03-24T19:56:15.260911 #3169] INFO -- : Completed 500 Internal Server Error in 12ms (ActiveRecord: 6.9ms)
App 3169 output: F, [2020-03-24T19:56:15.294974 #3169] FATAL -- :
App 3169 output: F, [2020-03-24T19:56:15.295096 #3169] FATAL -- : TypeError (no implicit conversion of String into Array):
App 3169 output: F, [2020-03-24T19:56:15.295120 #3169] FATAL -- :
App 3169 output: F, [2020-03-24T19:56:15.295142 #3169] FATAL -- : app/controllers/repositories_controller.rb:300:in `&'
App 3169 output: app/controllers/repositories_controller.rb:300:in `build_new_repository_from_params'
App 3169 output: lib/redmine/sudo_mode.rb:65:in `sudo_mode'

App 3169 output: I, [2020-03-24T19:56:46.663214 #3169] INFO -- : Started GET "/projects/demo/repositories/new" for 95.16.232.60 at 2020-03-24 19:56:46 +0000
App 3169 output: I, [2020-03-24T19:56:46.664097 #3169] INFO -- : Processing by RepositoriesController#new as HTML
App 3169 output: I, [2020-03-24T19:56:46.664179 #3169] INFO -- : Parameters: {"project_id"=>"demo"}
App 3169 output: I, [2020-03-24T19:56:46.672322 #3169] INFO -- : Current user: admin (id=1)
App 3169 output: {"controller"=>"repositories", "action"=>"new", "project_id"=>"demo"}
App 3169 output:
App 3169 output: -----
App 3169 output: -----2-----
App 3169 output: ["Subversion", "Mercurial", "Cvs", "Bazaar", "Git", "Filesystem"]
App 3169 output:
App 3169 output: -----3-----
App 3169 output: ["Bazaar", "Git"]
App 3169 output:
App 3169 output: -----4-----
App 3169 output: ["Bazaar", "Git"]
App 3169 output:
App 3169 output: -----5-----
App 3169 output: Bazaar
App 3169 output:
App 3169 output: -----6-----
App 3169 output: I, [2020-03-24T19:56:46.698968 #3169] INFO -- : Rendering repositories/new.html.erb within layouts/base
App 3169 output: I, [2020-03-24T19:56:46.704682 #3169] INFO -- : Rendered repositories/_form.html.erb (3.1ms)
App 3169 output: I, [2020-03-24T19:56:46.705038 #3169] INFO -- : Rendered repositories/new.html.erb within layouts/base (5.9ms)
App 3169 output: I, [2020-03-24T19:56:46.708987 #3169] INFO -- : Rendered plugins/additional/app/views/additional/_html_head.html.slim (1.0ms)
App 3169 output: I, [2020-03-24T19:56:46.709287 #3169] INFO -- : Rendering plugins/wiki_graphviz_plugin/app/views/wiki_graphviz/_head.html.erb
App 3169 output: I, [2020-03-24T19:56:46.709553 #3169] INFO -- : Rendered plugins/wiki_graphviz_plugin/app/views/wiki_graphviz/_head.html.erb (0.2ms)
App 3169 output: I, [2020-03-24T19:56:46.709938 #3169] INFO -- : Rendered plugins/additional/app/views/additional/_body_top.slim (0.1ms)
App 3169 output: I, [2020-03-24T19:56:46.724633 #3169] INFO -- : Rendered plugins/additional/app/views/additional/_content.html.slim (0.2ms)
App 3169 output: I, [2020-03-24T19:56:46.725207 #3169] INFO -- : Rendered plugins/additional/app/views/additional/_body_bottom.html.slim (0.3ms)
App 3169 output: I, [2020-03-24T19:56:46.725593 #3169] INFO -- : Completed 200 OK in 61ms (Views: 22.5ms | ActiveRecord: 13.3ms)
```

Possible root cause: when you have only one SCM enabled, the result of the & operation is a String, not an array. This is causing it to fail.

A workaround is to enable another SCM.

Regards.

History

#1 - 2020-03-25 03:51 - Go MAEDA

I was unable to reproduce the error. If you use plugins, could you try again after removing all plugins?

```
{"controller"=>"repositories", "action"=>"new", "project_id"=>"ecookbook"}
-----2-----
["Subversion", "Mercurial", "Cvs", "Bazaar", "Git", "Filesystem"]
-----3-----
["Git"]
-----4-----
["Git"]
-----5-----
Git
-----6-----
```

#2 - 2020-03-26 00:06 - Txinto Vaz

You are right.

If I uncheck Git and check it again, the trace is this:

```
App 4118 output:
App 4118 output: -----
App 4118 output:
App 4118 output: -----2-----
App 4118 output: ["Subversion", "Mercurial", "Cvs", "Bazaar", "Git", "Filesystem"]
App 4118 output:
App 4118 output: -----3-----
App 4118 output: ["Git"]
App 4118 output:
App 4118 output: -----4-----
App 4118 output: ["Git"]
App 4118 output:
App 4118 output: -----5-----
App 4118 output: Git
App 4118 output:
App 4118 output: -----6-----
pp 4118 output: I, [2020-03-25T22:59:36.958429 #4118] INFO -- : Rendering repositories/new.html.erb within
layouts/base
App 4118 output: I, [2020-03-25T22:59:36.962682 #4118] INFO -- : Rendered repositories/_form.html.erb (3.2m
s)
App 4118 output: I, [2020-03-25T22:59:36.963035 #4118] INFO -- : Rendered repositories/new.html.erb within
layouts/base (4.5ms)
App 4118 output: I, [2020-03-25T22:59:36.967955 #4118] INFO -- : Rendered plugins/additional/app/views/add
itionals/_html_head.html.slim (1.5ms)
App 4118 output: I, [2020-03-25T22:59:36.968282 #4118] INFO -- : Rendering plugins/wiki_graphviz_plugin/app
/views/wiki_graphviz/_head.html.erb
App 4118 output: I, [2020-03-25T22:59:36.968779 #4118] INFO -- : Rendered plugins/wiki_graphviz_plugin/app/
views/wiki_graphviz/_head.html.erb (0.4ms)
App 4118 output: I, [2020-03-25T22:59:36.969519 #4118] INFO -- : Rendered plugins/additional/app/views/add
itionals/_body_top.slim (0.3ms)
App 4118 output: I, [2020-03-25T22:59:36.986247 #4118] INFO -- : Rendered plugins/additional/app/views/add
itionals/_content.html.slim (0.4ms)
App 4118 output: I, [2020-03-25T22:59:36.986930 #4118] INFO -- : Rendered plugins/additional/app/views/add
itionals/_body_bottom.html.slim (0.4ms)
App 4118 output: I, [2020-03-25T22:59:36.987272 #4118] INFO -- : Completed 200 OK in 46ms (Views: 24.2ms | Ac
tiveRecord: 12.3ms)
```

The reason was a plugin I was developing which tried to preconfigure Redmine for an automatic installation based in docker.

In my code I have this:

```
s = Setting.find_by_name("enabled_scm")
if (s == nil) then
  s = Setting.new
  s.name="enabled_scm"
end
s.value = "Git"
s.save
```

and I think I have to change it to this:

```
s = Setting.find_by_name("enabled_scm")
if (s == nil) then
  s = Setting.new
```

```
s.name="enabled_scm"  
end  
s.value = ["Git"]  
s.save
```

Thank you for your support, sorry for the noise.
Regards.

#3 - 2020-03-26 00:07 - Txinto Vaz

- *Status changed from New to Resolved*

#4 - 2020-03-26 06:44 - Go MAEDA

- *Status changed from Resolved to Closed*

- *Resolution set to Invalid*

Thank you for the feedback and I am happy to know that the issue on your instance is resolved.