

Redmine - Defect #36581

Clicking the "New repository" button causes a 404 error

2022-02-07 05:39 - Go MAEDA

Status:	New	Start date:	
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	SCM	Estimated time:	0.00 hour
Target version:		Affected version:	
Resolution:			
Description			
<p>When you attempt to create a new repository setting by clicking the "New repository" button in the Repositories tab of the project settings, you may encounter a 404 error.</p> <p>The error occurs when no SCM is enabled in Administration > Settings > Repositories > Enabled SCM, at RepositoriesController::build_new_repository_from_params.</p> <pre>def build_new_repository_from_params scm = params[:repository_scm] (Redmine::Scm::Base.all & Setting.enabled_scm).first unless @repository = Repository.factory(scm) render_404 return end end</pre> <p>With a 404 error, it is difficult for users to know how to resolve it. I think Redmine should output a more informative error message.</p>			

History

#1 - 2022-02-09 01:35 - Mizuki ISHIKAWA

If there is no enabled SCM, how about show the message instead of the "New repository" link?
I think it would be even better if, in addition to this, it returns error_enabled_scm_not_exist instead of render_404.

```
diff --git a/app/views/projects/settings/_repositories.html.erb b/app/views/projects/settings/_repositories.html.erb
index 8ae2ba25bf..5005e96971 100644
--- a/app/views/projects/settings/_repositories.html.erb
+++ b/app/views/projects/settings/_repositories.html.erb
@@ -1,5 +1,9 @@
 <% if User.current.allowed_to?(:manage_repository, @project) %>
- <p><%= link_to l(:label_repository_new), new_project_repository_path(@project), :class => 'icon icon-add' %>
></p>
+ <% if (Redmine::Scm::Base.all & Setting.enabled_scm).present? %>
+ <p><%= link_to l(:label_repository_new), new_project_repository_path(@project), :class => 'icon icon-add' %></p>
+ <% else %>
+ <div class="flash warning"><%= l(:error_enabled_scm_not_exist) %></div>
+ <% end %>
<% end %>
```

```
<% if @project.repositories.any? %>
diff --git a/config/locales/en.yml b/config/locales/en.yml
index 2378e56d5b..69ec6b27a0 100644
--- a/config/locales/en.yml
+++ b/config/locales/en.yml
@@ -196,6 +196,7 @@ en:
   notice_invalid_watcher: "Invalid watcher: User will not receive any notifications because it does not have access to view this object."

   error_can_t_load_default_data: "Default configuration could not be loaded: %{value}"
+ error_enabled_scm_not_exist: "Enabled SCM does not exist."
   error_scm_not_found: "The entry or revision was not found in the repository."
   error_scm_command_failed: "An error occurred when trying to access the repository: %{value}"
   error_scm_annotate: "The entry does not exist or cannot be annotated."
```

#2 - 2022-03-13 08:54 - Go MAEDA

Mizuki ISHIKAWA wrote:

If there is no enabled SCM, how about show the message instead of the "New repository" link?
I think it would be even better if, in addition to this, it returns `error_enabled_scm_not_exist` instead of `render_404`.

[...]

Thank you for your suggestion. But I see a minor problem in the patch that you will see "The page you were trying to access doesn't exist or has been removed" even after applying the patch by directly accessing `/projects/ecookbook/repositories/new`. In order to avoid this, I think it is better to check if any SCM is enabled in a controller than a view like this. Also, the message in the original patch is obvious and a bit obtrusive for me.

The following is my suggestion.

```
diff --git a/app/controllers/repositories_controller.rb b/app/controllers/repositories_controller.rb
index fe55e1770..dce923cab 100644
--- a/app/controllers/repositories_controller.rb
+++ b/app/controllers/repositories_controller.rb
@@ -312,7 +312,11 @@ class RepositoriesController < ApplicationController
  private

  def build_new_repository_from_params
-   scm = params[:repository_scm] || (Redmine::Scm::Base.all & Setting.enabled_scm).first
+   if (available_scms = Redmine::Scm::Base.all & Setting.enabled_scm).empty?
+     render_error :message => :error_scm_not_enabled, :status => 403
+     return
+   end
+   scm = params[:repository_scm] || available_scms.first
  unless @repository = Repository.factory(scm)
    render_404
    return
diff --git a/config/locales/en.yml b/config/locales/en.yml
index 2378e56d5..7eaac9c9b 100644
--- a/config/locales/en.yml
+++ b/config/locales/en.yml
@@ -197,6 +197,7 @@ en:

  error_can_t_load_default_data: "Default configuration could not be loaded: %{value}"
  error_scm_not_found: "The entry or revision was not found in the repository."
+ error_scm_not_enabled: "There is no enabled SCM."
  error_scm_command_failed: "An error occurred when trying to access the repository: %{value}"
  error_scm_annotate: "The entry does not exist or cannot be annotated."
  error_scm_annotate_big_text_file: "The entry cannot be annotated, as it exceeds the maximum text file size."
"
```