redmine.org-copy202205 - Vote #81817

Clicking the "New repository" button causes a 404 error

2022/05/09 19:21 - Admin Redmine

:		New		:		2022/05/09
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:				:		0%
:		SCM_3		:		0.00
:				:		0.00
Redmine.org_URL:		https://www.redmine.org/issues/36581		**status_id:**		1
category_id:		3		**tracker_id:**		1
version_id:		0		**plus1:**		0
issue_org_id:		36581		**affected_version:**		
author_id:		332		**closed_on:**		
assigned_to_id:		0		**affected_version_id:**		
comments:		2				

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.

The error occurs when no SCM is enabled in Administration > Settings > Repositories > Enabled SCM, at @RepositoriesController::build_new_repository_from_params@.

```
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
```

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.

journals

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) %>
-
<%= link_to l(:label_repository_new), new_project_repository_path(@project), :class => 'icon icon-add' %>

+    <% if (Redmine::Scm::Base.all & Setting.enabled_scm).present? %>
+
<%= link_to l(:label_repository_new), new_project_repository_path(@project), :class => 'icon icon-add' %>

+    <% else %>
+
<%= l(:error_enabled_scm_not_exist) %>

+    <% 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
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."
```

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."
```

#1 - 2022/05/10 16:57 - Admin Redmine