

Allow manually fetching changesets

2022/05/09 15:44 - Admin Redmine

ステータス:	Closed	開始日:	2011/07/21
優先度:	通常	期日:	
担当者:		進捗率:	0%
カテゴリ:	SCM_3	予定工数:	0.00時間
対象バージョン:	4.2.0_152	作業時間:	0.00時間
Redmineorg_URL:	https://www.redmine.org/issues/8875	status_id:	5
category_id:	3	tracker_id:	2
version_id:	152	plus1:	1
issue_org_id:	8875	affected_version:	
author_id:	37019	closed_on:	
assigned_to_id:	332	affected_version_id:	
comments:	10		

説明

I have Redmine installed on a local, virtual server. Most of my projects are on the same server, but one particular project uses an external SVN repository.

I've noticed that automatically fetching the change sets on every page refresh will result in slower performance. I'd like to see a button to manually fetch changesets on the repository page, so I can disable autofetching (preferably on a per project basis, which is currently not possible) and press this button whenever I see a need for it. I know about the possibility to fetch change sets from the command line, but I think a button will be more user-friendly.

journals

+1

I made a patch.

- When "Fetch commits automatically" is disabled, show the Fetch changesets button in the dropdown menu.
- If you have the "Browse repository" permission, you can manually fetching changesets.

!{width:600px;border:1px solid #ccc;}ScreenShot.png!

```
diff --git a/app/controllers/repositories_controller.rb b/app/controllers/repositories_controller.rb
index b0108d531..3274b942a 100644
```

```
--- a/app/controllers/repositories_controller.rb
```

```
+++ b/app/controllers/repositories_controller.rb
```

```
@@ -100,6 +100,11 @@ class RepositoriesController < ApplicationController
```

```
alias_method :browse, :show
```

```
+ def fetch_changesets
```

```
+   @repository.fetch_changesets if @project.active? && @path.empty? && !Setting.autofetch_changesets?
```

```
+   show
```

```
+ end
```

```
+
```

```
def changes
```

```
  @entry = @repository.entry(@path, @rev)
```

```
  (show_error_not_found; return) unless @entry
```

```
diff --git a/app/views/repositories/_navigation.html.erb b/app/views/repositories/_navigation.html.erb
```

```
index 730cec42f..326d3f5af 100644
```

```
--- a/app/views/repositories/_navigation.html.erb
```

```
+++ b/app/views/repositories/_navigation.html.erb
```

```
@@ -19,6 +19,9 @@
```

```
<%= link_to_if_authorized l(:label_settings),
```

```

        {controller => 'projects', :action => 'settings', :id => @project, :tab => 'repositories',
        :class => 'icon icon-settings' if User.current.allowed_to?(:manage_repository, @project) %>
+   <%= link_to l(:label_fetch_changesets),
+           {action => :fetch_changesets, :id => @project, :repository_id => @repository.identifier_param},
+           :class => 'icon icon-reload' if User.current.allowed_to?(:browse_repository, @project) && !Setting.
ts? %>
  <% end %>

  <%= form_tag({:action => controller.action_name,
diff --git a/config/locales/en.yml b/config/locales/en.yml
index b5245a7df..d81528902 100644
--- a/config/locales/en.yml
+++ b/config/locales/en.yml
@@ -802,6 +802,7 @@ en:
   label_repository: Repository
   label_repository_new: New repository
   label_repository_plural: Repositories
+  label_fetch_changesets: Fetch changesets
   label_browse: Browse
   label_branch: Branch
   label_tag: Tag
diff --git a/config/routes.rb b/config/routes.rb
index 5884aa49f..91e07e407 100644
--- a/config/routes.rb
+++ b/config/routes.rb
@@ -262,6 +262,7 @@ Rails.application.routes.draw do
   # repositories routes
   get 'projects/:id/repository/:repository_id/statistics', :to => 'repositories#stats'
   get 'projects/:id/repository/:repository_id/graph', :to => 'repositories#graph'
+  get 'projects/:id/repository/:repository_id/fetch_changesets', :to => 'repositories#fetch_changesets'

   get 'projects/:id/repository/:repository_id/revisions/:rev', :to => 'repositories#revision'
   get 'projects/:id/repository/:repository_id/revision', :to => 'repositories#revision'
diff --git a/lib/redmine.rb b/lib/redmine.rb
index de2993e13..7c28cc463 100644
--- a/lib/redmine.rb
+++ b/lib/redmine.rb
@@ -175,7 +175,7 @@ Redmine::AccessControl.map do |map|

   map.project_module :repository do |map|
     map.permission :view_changesets, {repositories => [:show, :revisions, :revision]}, :read => true
-    map.permission :browse_repository, {repositories => [:show, :browse, :entry, :raw, :annotate, :changes, :diff, :stats,
ead => true
+    map.permission :browse_repository, {repositories => [:show, :browse, :entry, :raw, :annotate, :changes, :diff, :stats,
ch_changesets]}, :read => true
     map.permission :commit_access, {}
     map.permission :manage_related_issues, {repositories => [:add_related_issue, :remove_related_issue]}
     map.permission :manage_repository, {projects => :settings, repositories => [:new, :create, :edit, :update, :commit
]}, :require => :member

```

I have been considering who should be allowed to fetch manually changesets. As a result, I came to the conclusion that it might be problematic to allow a member with a "Browse repository" privilege to manual fetching.

Let's take www.redmine.org as an example. Auto-fetching is disabled on this site. Allowing users who have a "Browse repository" privilege to fetch changesets can cause the following problems:

- If a large number of users use this feature, the load on the server will increase
- A malicious anonymous user may carry out a DoS attack

Given these things, I think it is better to make this feature available only to users with "Manage repository" privileges.

Go MAEDA wrote:

I have been considering who should be allowed to fetch manually changesets. As a result, I came to the conclusion that it might be problematic to allow a member with a "Browse repository" privilege to manual fetching.

Let's take www.redmine.org as an example. Auto-fetching is disabled on this site. Allowing users who have a "Browse repository" privilege to fetch changesets can cause the following problems:

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Thank you for pointing out.

I've fixed it's only available for roles that have the "Manage repository" privilege. And added a routing test.

Setting the target version to 4.2.0.

Thank you for updating the patch.

- I am not sure if it is OK to use GET method to fetch changesets. Normally, GET is not supposed to change data
- Icons are not aligned. See the screenshot below

!{border: 1px solid grey; width: 251px;}icons-are-not-aligned.png!

Thank you for pointing this out.

Go MAEDA wrote:

- I am not sure if it is OK to use GET method to fetch changesets. Normally, GET is not supposed to change data

"Fetch changesets" creates @Changeset@ and @Change@ from the repository commit logs. I think that POST is appropriate instead of GET, so I fixed it.

- Icons are not aligned. See the screenshot below

Icons are aligned (confirmed by Firefox, Chrome, Safari).

!{width:251px;border:1px solid grey;}icons-are-aligned.png!

Setting the target version to 4.2.0.

Committed the patch. Thank you for your contribution.

Users with Manage repository permission can manually fetch changesets using the "Fetch commits" button in the action menu.

履歴

#1 - 2022/05/10 17:18 - Admin Redmine

- カテゴリ を SCM_3 にセット

- 対象バージョン を 4.2.0_152 にセット