

## Redmine - Feature #13945

### Disable autofetching of repository changesets if projects are closed

2013-05-05 01:55 - Mischa The Evil

<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>	SCM	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	2.4.0		
<b>Resolution:</b>	Fixed		

#### Description

When Setting.autofetch\_changesets == true repository changesets are automatically fetched (and added) when Repository#show is executed.

This behavior feels a bit weird if a project is closed and thus read-only.

It can be disabled by adding a new condition to the if construct in [source:/trunk/app/controllers/repositories\\_controller.rb@11784#L114](source:/trunk/app/controllers/repositories_controller.rb@11784#L114), like:

```
Index: app/controllers/repositories_controller.rb
=====
--- app/controllers/repositories_controller.rb (revision 11784)
+++ app/controllers/repositories_controller.rb (working copy)
@@ -111,7 +111,7 @@
   end

   def show
-     @repository.fetch_changesets if Setting.autofetch_changesets? && @path.empty?
+     @repository.fetch_changesets if Setting.autofetch_changesets? && @path.empty? && @project.active?

     @entries = @repository.entries(@path, @rev)
     @changeset = @repository.find_changeset_by_name(@rev)
```

#### Associated revisions

##### Revision 11838 - 2013-05-12 12:05 - Jean-Philippe Lang

Disable autofetching of repository changesets if projects are closed (#13945).

Patch by Mischa The Evil.

#### History

##### #1 - 2013-05-05 02:27 - Mischa The Evil

- Description updated

##### #2 - 2013-05-05 11:32 - Toshi MARUYAMA

I think it is better to skip in Repository#fetch\_changesets.

```
diff --git a/app/models/repository.rb b/app/models/repository.rb
--- a/app/models/repository.rb
+++ b/app/models/repository.rb
@@ -327,6 +327,10 @@ class Repository < ActiveRecord::Base
   # Can be called periodically by an external script
   # eg. ruby script/runner "Repository.fetch_changesets"
   def self.fetch_changesets
+   unless @project.active?
+     logger.warn "#{@project.name} is not active"
+     return
+   end
   Project.active.has_module(:repository).all.each do |project|
     project.repositories.each do |repository|
       begin
```

### #3 - 2013-05-05 11:36 - Toshi MARUYAMA

Sorry, `Repository#fetch_changesets` is class method, so note-2 is wrong.  
This is correct code.

```
diff --git a/app/models/repository.rb b/app/models/repository.rb
--- a/app/models/repository.rb
+++ b/app/models/repository.rb
@@ -328,6 +328,10 @@ class Repository < ActiveRecord::Base
   # eg. ruby script/runner "Repository.fetch_changesets"
   def self.fetch_changesets
     Project.active.has_module(:repository).all.each do |project|
+     unless project.active?
+       logger.warn "#{project.name} is not active"
+     next
+     end
     project.repositories.each do |repository|
       begin
         repository.fetch_changesets
```

### #4 - 2013-05-05 12:03 - Toshi MARUYAMA

Sorry, skipping is need in both view and `Repository#fetch_changesets`.

### #5 - 2013-05-06 19:15 - Fernando Hartmann

+1

### #6 - 2013-05-10 05:20 - Mischa The Evil

- *Description updated*

Toshi MARUYAMA wrote:

Sorry, skipping is need in both view and `Repository#fetch_changesets`.

I've spent some time reviewing and testing this. I don't think we need to change `Repository.fetch_changesets` (the class method) at all, only the `Repository#show` method in the repositories controller needs to be modified.

The reason for this lies in the situation that `Repository.fetch_changesets` is already scoped to iterate only over projects which are active (as in `STATUS_ACTIVE`, as opposed to `STATUS_CLOSED` and `STATUS_ARCHIVED`) as a result of the use of the active scope (defined in <source:trunk/app/models/project.rb@11784#L89>):

```
Project.active.has_module(:repository).all.each do |project|
  ...
end
```

I think by the way that the change I proposed in the description can be optimized by changing the order of the conditions ( [source:trunk/app/controllers/repositories\\_controller.rb@11784#L114](source:trunk/app/controllers/repositories_controller.rb@11784#L114)):

```
Index: app/controllers/repositories_controller.rb
=====
--- app/controllers/repositories_controller.rb    (revision 11784)
+++ app/controllers/repositories_controller.rb    (working copy)
@@ -111,7 +111,7 @@
   end

   def show
-     @repository.fetch_changesets if Setting.autofetch_changesets? && @path.empty?
+     @repository.fetch_changesets if @project.active? && Setting.autofetch_changesets? && @path.empty?

     @entries = @repository.entries(@path, @rev)
     @changeset = @repository.find_changeset_by_name(@rev)
```

I've did a quick scan for any affected tests but couldn't find any. I do think that it would be good if this controller behavior is tested before it gets committed.

### #7 - 2013-05-10 05:27 - Toshi MARUYAMA

- *Target version set to 2.4.0*

**#8 - 2013-05-12 12:05 - Jean-Philippe Lang**

- *Status changed from New to Closed*

- *Resolution set to Fixed*

Patch committed with tests in [r11838](#), thanks.