

ステータス:	New	開始日:	2010/08/17
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:		作業時間:	0.00時間
Redmineorg_URL:	https://www.redmine.org/issues/6159	status_id:	1
category_id:	3	tracker_id:	3
version_id:	0	plus1:	0
issue_org_id:	6159	affected_version:	
author_id:	332	closed_on:	
assigned_to_id:	0	affected_version_id:	
comments:	8		

説明

Redmine executes "svn log" command 2 times (Repository::Subversion#fetch_changesets and Repository::Subversion#latest_changesets) when performing repository/show action. As a result, it takes very long time to complete when the repository is on remote server.

This patch improves performance of the Subversion#latest_changesets method by querying changesets table on the database instead of executing "svn log" command.

journals

How about fixing @Repository.latest_changesets@, then makes use of it?
See attachment:latest-changesets-improvements.diff

app/models/repository.rb:

- filter by @changes.path = "..." OR changes.path LIKE ".../%"@.
- @JOIN changes@ for path condition; then @SELECT DISTINCT changesets.*@ to strip duplicated records.
- @ORDER BY@ statement are declared by @has_many :changesets, :order => ...@, so no need to specify explicitly.

app/models/repository/subversion.rb:

* use @Repository.latest_changesets@

Yuya Nishihara wrote:

See attachment:latest-changesets-improvements.diff

Oops, it has a bug on escaping LIKE pattern. Fixed as attachment:latest-changesets-improvements-2.diff

Updated Yuya's patch so it uses relative paths for easy patching
(see attachment:latest-changesets-improvements-3.diff)

Usage:

```
cd path/to/your/redmine
patch -p0 < latest-changesets-improvements-3.diff
```

I have updated Yuya's patch as attachment:latest-changesets-improvements-4.diff.

Usage:

```
cd path/to/your/redmine
patch -p1 < latest-changesets-improvements-4.diff
```

The reasons of updating are following.

- Subversion latest_changesets switches "file://" or not.
- Add Mercurial ordering to resolve #3449 and #3567

h2. Subversion latest_changesets switches "file://" or not

Redmine 1.0.4 shows all revisions of branch and tag.

For example, <http://www.redmine.org/projects/redmine/repository/show/tags/1.0.4> shows r4448 (tagged version 1.0.4), r4447, r4445...

But Yuya's patch shows only r4448.

- attachment:svn-before-patch.png
- attachment:svn-after-patch.png

I have updated as following.

- "file:///": use "svn log"
- The others: use only database

It maybe better to be configurable whether using "svn log" or "only database" such as "note-5":

<http://www.redmine.org/issues/6092#note-5> of #6092.

h2. Improvement of browsing sub directory for other SCMs

This patch improves other SCMs which does not override latest_changesets.

Other SCMs are CVS, Bazaar, Darcs and Mercurial.

Subversion and Git overrides latest_changesets.

Redmine 1.0.4 does not show "latest revisions" of sub directory.

This patch shows it.

Following images are Bazaar images of test repository (source:tags/1.0.4/test/fixtures/repositories/bazaar_repository.tar.gz) .

- attachment:bazaar-before-patch.png
- attachment:bazaar-after-patch.png

h2. Mercurial ordering

Yuya's "hg-changeset-order.patch":<http://www.redmine.org/attachments/4218/hg-changeset-order.patch> of #4455 overrides Mercurial latest_changesets and add "order by id DESC" to resolve #3449 and #3567.

But, if we apply this patch, we do not need to override it.

Fix subject typo.

related_issues

relates,New,7984,Confusing revisions links on repository root

relates,Closed,7246,Handle "named branch" for mercurial

relates,New,1311,Subversion: Show revision histories for branches

relates,New,3943,Subversion: Directory revision list contains faulty revisions

relates,New,7528,Fetch small initial set of repository changesets

relates,New,7719,SVN Start Revision

履歴

#1 - 2022/05/10 17:22 - Admin Redmine

- カテゴリ を SCM_3 にセット