Hi,

I have been using redmine together with mercurial. I used hg convert to convert a subversion repository into a mercurial one and then I configured redmine to read it.

Everytime I click on the repository tab, it hangs for a very long time and then responds afterwards. I thought that this was just initial but it happens everytime I click the Repository tab.

**Related issues:**

- Related to Redmine - Defect #3567: Sorting for changesets might go wrong on ... Closed 2009-06-30
- Related to Redmine - Defect #1435: slow display of 'repository' tab for huge... Closed 2008-06-12
- Related to Redmine - Defect #8857: Git: Too long in fetching repositories af... Closed 2011-07-20

**Associated revisions**

Revision 4611 - 2011-01-02 07:05 - Toshi MARUYAMA

Fixed: repository: mercurial: sort changesets by revision (#3449, #3567).

In DVCS, changesets are not in date order. Because Mercurial backend inserts changesets from earliest, 'ORDER BY id' means 'order by revision number'.

Contributed by Yuya Nishihara.

Revision 5644 - 2011-05-05 01:38 - Toshi MARUYAMA

scm: git: add comments of revision order in fetch_changesets().

Related issues.

#5357, #6013, #7146, #4773, #4547, #1406, #3449, #3567.

**History**

#1 - 2009-06-05 19:21 - Carlo Camerino

cpu utilization of ruby and hg process is 100% most of the time

#2 - 2009-06-10 12:35 - Carlo Camerino
is this related to issue #3421

#3 - 2009-08-29 08:08 - Anil Gulecha

I see the same issue with a hg repository.

#4 - 2010-01-26 08:43 - Giuseppe Ciotta

Hi,
same happens here - Did you manage to find a workaround?
As a side note - I've imported the mercurial repository from svn as well.

#5 - 2010-01-26 09:46 - Toshi MARUYAMA

Please see #4455 - Mercurial overhaul.

#6 - 2010-02-11 22:11 - Toshi MARUYAMA

- File issue-3449-only.patch added
- % Done changed from 0 to 70

This patch is only for this issue.
I will describe this patch purpose at #4455 - Mercurial overhaul later.

#7 - 2010-10-08 18:57 - Toshi MARUYAMA

- % Done changed from 70 to 100

The reason of this issue is Mercurial tip is not latest revision as I described at [http://www.redmine.org/issues/4455#note-23](http://www.redmine.org/issues/4455#note-23).

This issue is resolved by hg-changeset-order.patch at [http://www.redmine.org/issues/4455#note-144](http://www.redmine.org/issues/4455#note-144).


**How to create test repository**

```
$ hg --version
Mercurial Distributed SCM (version 1.6.3)

$ hg clone -U -r 1.0.0 \  
http://bitbucket.org/marutosi/redmine-hgsubversion-allbranches-clean \  
redmine-hg-performance-test-repo 
requesting all changes
adding changesets
adding manifests
adding file changes
added 3170 changesets with 17488 changes to 3055 files

$ hg --cwd redmine-hg-performance-test-repo/ pull -r 0.9.6 \  
http://bitbucket.org/marutosi/redmine-hgsubversion-allbranches-clean 
pulling from http://bitbucket.org/marutosi/redmine-hgsubversion-allbranches-clean 
searching for changes
adding changesets
adding manifests
```

2020-04-10
adding file changes
added 119 changesets with 185 changes to 199 files (+1 heads)
(run 'hg heads' to see heads, 'hg merge' to merge)

$ hg --cwd redmine-hg-performance-test-repo/ tip
changeset: 3288:2f0bae5c51dc
branch: 0.9-stable
tag: tip
user: edavis10@e93f8b46-1217-0410-a6f0-8f06a7374b81
date: Thu Jul 08 03:54:53 2010 +0000
summary: Merged r3836 from trunk.

$ hg --cwd redmine-hg-performance-test-repo/ heads --topo
changeset: 3288:2f0bae5c51dc
branch: 0.9-stable
tag: tip
user: edavis10@e93f8b46-1217-0410-a6f0-8f06a7374b81
date: Thu Jul 08 03:54:53 2010 +0000
summary: Merged r3836 from trunk.

changeset: 3169:251c954b3994
branch: 1.0-stable
user: edavis10@e93f8b46-1217-0410-a6f0-8f06a7374b81
date: Sun Jul 18 16:39:00 2010 +0000
summary: Change version to the show this is the stable branch.

$ hg --cwd redmine-hg-performance-test-repo/ branches
0.9-stable                  3288:2f0bae5c51dc
1.0-stable                  3169:251c954b3994
default                     3161:b993c63dcedb (inactive)

Latest revision is "3169:251c954b3994" (SVN r3857 : Sun Jul 18 16:39:00 2010 +0000).
Mercurial tip is "3288:2f0bae5c51dc" (SVN r3838 : Thu Jul 08 03:54:53 2010 +0000).

Current redmine mercurial adapter fetches 119 (=3288-3169) changesets every time.

Before patch applied

Processing RepositoriesController#show (for 127.0.0.1 at 2010-10-09 01:04:48) [GET]
  Parameters: ["action"=>"show", "id"=>"hg-performance-test", "controller"=>"repositories"]
Rendering template within layouts/base

Processing RepositoriesController#show (for 127.0.0.1 at 2010-10-09 01:05:21) [GET]
  Parameters: ["action"=>"show", "id"=>"hg-performance-test", "controller"=>"repositories"]
Rendering template within layouts/base

Processing RepositoriesController#show (for 127.0.0.1 at 2010-10-09 01:05:52) [GET]
  Parameters: ["action"=>"show", "id"=>"hg-performance-test", "controller"=>"repositories"]
Rendering template within layouts/base

After patch applied

Processing RepositoriesController#show (for 192.168.11.90 at 2010-10-09 00:19:09) [GET]
  Parameters: ["action"=>"show", "id"=>"hg-performance-test", "controller"=>"repositories"]
Rendering template within layouts/base

Processing RepositoriesController#show (for 192.168.11.90 at 2010-10-09 00:19:13) [GET]
  Parameters: ["action"=>"show", "id"=>"hg-performance-test", "controller"=>"repositories"]
Rendering template within layouts/base

Processing RepositoriesController#show (for 192.168.11.90 at 2010-10-09 00:19:16) [GET]

2020-04-10
#8 - 2011-01-02 06:42 - Toshi MARUYAMA
- Assignee set to Toshi MARUYAMA
- Priority changed from High to Normal
- Target version set to 1.1.0

#9 - 2011-01-02 07:16 - Toshi MARUYAMA
- Status changed from New to Closed
- Resolution set to Fixed

Fixed in svn trunk by r4611 and 1.1 by r4612.

Files

<table>
<thead>
<tr>
<th>File</th>
<th>Size</th>
<th>Date</th>
<th>Author</th>
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<tbody>
<tr>
<td>issue-3449-only.patch</td>
<td>560 Bytes</td>
<td>2010-02-11</td>
<td>Toshi MARUYAMA</td>
</tr>
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