Redmine - Feature #12853

Removing git branch result of database inconsistencies

2013-01-15 15:23 - Daniel Dehennin

Status:	New	**Start date:**	
Priority:	Normal	**Due date:**	
Assignee:		**% Done:**	0%
Category:	SCM	**Estimated time:**	0.00 hour
Target version:			
Resolution:			

Description

Hello,

Following my comment on #1273, I unblocked a project by removing the git repository and re-adding it (which duplicates fixes :-/).

Now, that project is causing troubles again, the only thing I did is to delete a temporary branch.

The garbage collector of git removes commits not linking to a branch or tag, which seems to be the causes of inconsistencies in the database.

Branch deletion should be tracked to remove the commits from the database.

Regards.

Related issues:

Has duplicate Redmine - Defect #15306: No database update on git history rewrite		**Closed**
Has duplicate Redmine - Defect #22010: Git: Outdated Commits are not existing...		**Closed**

History

#1 - 2013-04-18 17:15 - Daniel Dehennin

The problem comes from the Repository.extra_info["heads"].

I'm using a solution from #1273:

```
sudo -u www-data ruby script/console production
>> repo = Repository.first(:conditions => {:project_id => Project.find('project_name').id})
>> repo.extra_info["heads"] = []
>> repo.save
>> repo.fetch_changesets
```

#2 - 2013-11-09 02:26 - Toshi MARUYAMA

- Has duplicate Defect #15306: No database update on git history rewrite added

#3 - 2016-02-11 13:43 - Toshi MARUYAMA

- Has duplicate Defect #22010: Git: Outdated Commits are not existing anymore, but are saved in Redmines cache added

#4 - 2023-11-07 18:52 - Harald Welte

I can confirm this problem still exists: If a branch is removed from the git repo, the state gets broken and further indexing of te repo fails with errors like this:

```
App 189 output: fatal: bad object baf819411e93c8edce158c15f28eeb3b06dada13
App 189 output: E, [2023-11-07T17:26:41.220346 #189] ERROR -- : git log error: git exited with non-zero status
: 128
```