redmineorg-copy202205 - Vote #77437

fetching of Git changesets sometimes fails due to non existant revisions in prev_db_heads

2022/05/09 17:58 - Admin Redmine

:	New		:	2022/05/09	
:			:		
:			:	0%	
:	SCM_3		:	0.00	
:	Candidate for next minor release_33		:	0.00	
Redmineorg_URL:	https://www.redmine.org/issues/22798		**status_id:**	1	
category_id:	3		**tracker_id:**	3	
version_id:	33		**plus1:**	0	
issue_org_id:	22798		**affected_version:**		
author_id:	40856		**closed_on:**		
assigned_to_id:	0		**affected_version_id:**		
comments:	3				

Under certain circumstances it may happen that revisions disappear from a git repository (i.e. when the repository is compacted / garbage collected after doing force pushes).

Redmine stores a @prev_db_heads@ list in the repositories @extra_info@, which may contain hashes pointing to such no more existing objects. In this case, @Repository#fetch_changesets@ will fail silently and not fetch anything, since the underlying @git log@ command refuses to work when non existing revisions are given on the command line.

The attached patch was extracted from "Planio":https://plan.io/redmine-hosting and checks each entry in @prev_db_heads@, keeping only those that still exist.

journals

Thanks for the patch. But a test fails in my environment.

```
$ ruby test/unit/repository_git_test.rb
(snip)

# Running:

.............F..........

Finished in 12.697746s, 2.0476 runs/s, 13.6245 assertions/s.

  1) Failure:
RepositoryGitTest#test_fetch_changesets_history_editing  [test/unit/repository_git_test.rb:241]:
Expected: 23
  Actual: 29

26 runs, 173 assertions, 1 failures, 0 errors, 0 skips
```

#1 - 2022/05/10 17:07 - Admin Redmine

- *SCM_3*

- *Candidate for next minor release_33*