

Redmine - Patch #1482

patch to improve performance when importing large git projects

2008-06-17 02:49 - Brian Taylor

Status:	Closed	Start date:	2008-06-17
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	SCM	Estimated time:	0.00 hour
Target version:	0.8		

Description

Redmine exhausted all the memory available on my linode when I tried to import the linux-2.6 git. The problem lies in the import using the "revisions(..)" interface of AbstractAdapter to build an array of all the revisions the project before inserting the changesets into the database. This is a serious problem with the kernel's 90K+ revisions. This patch creates a new git specific method, `rev_revisions`, that iterates the changes in reverse order so that they can be immediately inserted. These changes affect only git users.

I think a better, long term solution, would be to change revisions in AbstractAdapter to support being called with a block and a `:reverse` option. I'd be happy to take this on if anyone official blesses the effort.

Associated revisions

Revision 1599 - 2008-06-29 11:41 - Jean-Philippe Lang

Reduces memory usage when importing large git repositories (#1482).

History

#1 - 2008-06-29 11:43 - Jean-Philippe Lang

- *Category set to SCM*
- *Status changed from New to Closed*
- *Target version set to 0.8*

Change committed in [r1599](#) with the last solution you proposed to avoid code duplication.

Files

rev_revisions.patch	4.15 KB	2008-06-17	Brian Taylor
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