

Redmine - Defect #8940

git shell out hangs if commit message is too long

2011-07-28 19:33 - Anonymous

Status:	New	Start date:	2011-07-28
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	SCM	Estimated time:	0.00 hour
Target version:		Affected version:	1.2.1
Resolution:			
Description			
Redmine Version: 1.2.1 Git Version: 1.6.3.3			
When running <code>Repository#fetch_changesets</code> on a Git repository, it will shell out to get the comments for the changeset. It runs something like:			
<pre>git --git-dir /home/example/git/example.git log --no-color --encoding=UTF-8 --raw --date=iso --pretty=fuller --reverse 4e6f0873e74e2db0e9f5825dad73ff2e66ae264a..master</pre>			
By default git log uses the the default system pager (more?). If the message is longer than a "page", the shellout command will land in the pager and hang there forever.			
You can set the <code>GIT_PAGER=cat</code> environment variable but it's unclear in the SCM adapter how to set environment variables. Another workaround is to have the user set the user's <code>core.pager</code> to <code>cat</code> in the <code>~/.gitconfig</code> .			
For my own fork (https://github.com/cramerdev/redmine/commit/acb0d46242f0aebfbac2a89fa670190c6aac42db) I sent the environment variable directly to the cmd variable set by <code>IO.popen</code> , but this is an ugly hack and it would be better if there were an easy way to set environment variables in the SCM adapters. Is there?			