# Using svnsync to migrate a remote svn repository

## by Benny Bottema - Friday, March 25, 2011

http://www.bennybottema.com/2011/03/25/using-svnsync-to-migrate-a-remote-svn-repository/

I recently needed to move over my code base from a remote repository to another remote repository using Subversion. To accomplish this I used svnsync, as demonstrated by this excellent little article. Here's a quick Windows version of that article, demonstrating a google code project migration.

This article assumes you need to move code from a remote repo to another remote repo; if you're moving it local, you'll need to setup your own svn server and repo etc, which is not covered here.

- Make sure you've reset your Google Code project's repository. You can find this option under *Administer -> Source -> Repository (Reset this project's repository link)*. If you're not using Google Code, you need to completely reset it or create a new one. Svnsync apparently is very picky on existing changes in the target codebase.
- Make sure svnsync is the only user of the server during the mirroring operation.

## Step by step

1. Open up the command prompt and set the source and target repo url:

   set FROMREPO=https://YOUR-OLD-PROJECT.googlecode.com/svn/
   set TOREPO=https://YOUR-NEW-PROJECT.googlecode.com/svn/

2. Initialize svnsync with these urls. You will be asked for your username/password after running this command. You can find your password when you're signed into Google code, under *Profile (top right when you're at a project) -> Settings -> GoogleCode.com Password*.

   svnsync init %TOREPO% %FROMREPO%
3. Finally to start the process, execute the following:

   svnsync --non-interactive sync %TOREPO%

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