Git commands from Richard

Some guides

<http://www.kernel.org/pub/software/scm/git/docs/gittutorial.html>

<http://help.github.com/win-set-up-git/>

<https://sites.google.com/site/unmarkedinfo/home/developers>

Once git is installed and you have your github account set up, here are the most common commands. First you need to open up Git Bash (where you enter commands)

**Create a git repo from your github account (*e.g.,* unmarked)**

git clone git@github.com:yourAddressShownOnYourGithubPage

**Create a git repo (not connected to github) located at c:/metapop**

cd c:/metabook

git init

**Add a remote github account that you want to access**

git remote add rbc https://github.com/rbchan/unmarked.git

**Let git know that you added files to a folder (directory)**

git add .

**After making changes, commit them with a message**

git commit -a -m “edited such and such part of this and that”

**Push your changes to the master branch of your github repo (origin)**

git push origin master

**Pull changes from someone else’s git repo into your (merge them in)**

git pull rbc master

**Create a new branch (named testing) and go to it**

git checkout -b testing

**Create a new branch (feature1) that tracks a remote one (origin/master)**

git branch --track feature1 origin/master  
Branch feature1 set up to track remote branch refs/remotes/origin/master.

**Delete a remote branch**

git push remotename :branchname

**Delete a local branch**

git branch -d branchname

**Create a changelog between two tags (v0.8-6 and v0.8-7) and print to changelog.txt**

git log v0.8-6..v0.8-7 --pretty=oneline --full-history --simplify-merges > c:/r/changelog.txt

**Clone from a SVN repo**

git svn clone http://whatever

**BUILDING UNMARKED**

R CMD build unmarked

R CMD INSTALL unmarked\_0.9-1.tar.gz (or whatever version)