

BASICS

git -- version - prints the git
version.

git -- help - prints a list of the
most commonly used commands.

git init [project-name]- creates a new repository with "project-name".

git clone [url] - downloads a project.

git status - prints all new or
modified files.

git diff -Show the differences
between your index and working
directory.

git log- show commit logs.

git log --graph - watch the evolution
of the code, branches, etc.

git -clean - Remove untracked files
from the working tree.

GROUP CHANGES

git branch Lists all local branches
in the current repository.

git branch [branch-name] - Creates a
new branch with "branch-name".

git checkout [branch-name]- Switches
to the specified branch and
updates the working directory.

git merge [branch]- Combines the specified branch's history into the current branch.

git branch -d [branch-name] - Deletes
the specified branch.

REVERTING CHANGES

git revert <commit id>- revert that
commit.

git revert --hard- revert all commit.

git revert ^HEAD- revert the last change.

PULL

git pull - copy of the current branch
and immediately merge it into the
local copy.

git pull --no-commit - fetches the
remote content but does not create
a new merge commit.

PUSH

git push - Push the specified branch.

git push --force- force the push.

git push -all - Push all your local
branches to the specified remote.

FETCH

git fetch- Fetch all the branches
from the repository.

REMOTE

git remote - prints the remotes
connects.

git remote -V - Same as git remote
but include the URL of each.

 $\mbox{\bf git}\ \mbox{\bf remote}\ \mbox{\bf rm}\ \mbox{\bf NEEC}$ - remove the connection to the remote called NEEC.

git remote rename NEEC WS Change remote name from NEEC to WS.

 $\mbox{\bf git}\ \mbox{\bf remote}\ \mbox{\bf add}\ \mbox{\bf NEEC}\ \mbox{\bf [URL]}\mbox{\bf -}\ \mbox{\bf Add}\ \mbox{\bf to}\ \mbox{\bf the}$ remote NEEC the URL

GREP

git -grep - Print lines matching a
pattern.

git -grep -- cached - search blobs
registered in the index file.

RELOCATE AND REMOVE

git rm [file] - Deletes the file from the working directory.

COMMIT

 $\ensuremath{\mbox{git}}\xspace$ commit - Record changes to the repository.

git commit -m- "NEEC" - create a
commit with the message "NEEC".

