

Coursera and Google: Introduction to Git and Github

Git is a CVS (control version system). Github is a database of programmers and their codes (like a social network).

DIFFING FILES: [user@pc] \$ diff helloWorld.py helloFriend.py Returns only the lines that are different between the two files. `^` Means the line was added to the file `^` Means the line was removed from the file `5c5, 6` means the line 5 changed to line 5 and 6 `11a13, 15` means lines 13 thru 15 was added [user@pc] \$ diff -u helloWorld.py helloFriend.py Returns the difference in a more friendly format `+` means a line was added `-` means a line was removed Other diffs: `wdiff`: Returns the different words highlighted `meld`: `KDiff3` `vimdiff` Another usefull way to use diff [user@pc] \$ diff -u old\_file.c new\_file.c `^` change.diff It will generate a file containing all the changes between both It can show any external work by peers, and also gives us an easy patch to use with the PATCH command [user@pc] \$ patch file.c `^` file.diff