Basic Git Operations

dCC

Setup:

1. Create a remote repository for your project on github.com.

\*2a and 2b are two different ways to accomplish the same thing\*

2a) Create local repository using ‘git clone’:

* 1. Open GitBash in the directory in which all projects are stored (e.g. dCC > Projects)
  2. git clone “\_your\_github.com\_url\_”
     1. This will create a folder that is your local repository with the same name as the remote repository

2b) Create a local repository using ‘git remote add origin’:

* 1. Open GitBash in a directory that you have created for your project (e.g. dCC > Projects > LemonadeStand)
  2. git init
  3. git remote add origin “\_your\_github.com\_url\_”
  4. git pull origin master

Traditional Operations:

1. git add .
2. git commit -m “message”
3. git pull origin master

\*check here for merge conflicts\*

\*resolve conflicts and test your application\*

\*restart at Step 2 if there were conflicts\*

4) git push origin master

Other Helpful Commands:

1. If you attempt to pull and it doesn’t go through because the histories aren’t related:
   1. git pull origin master –allow-unrelated-histories
2. If you get to the VIM screen (usually after executing the above command):
   1. Esc
   2. :wq