

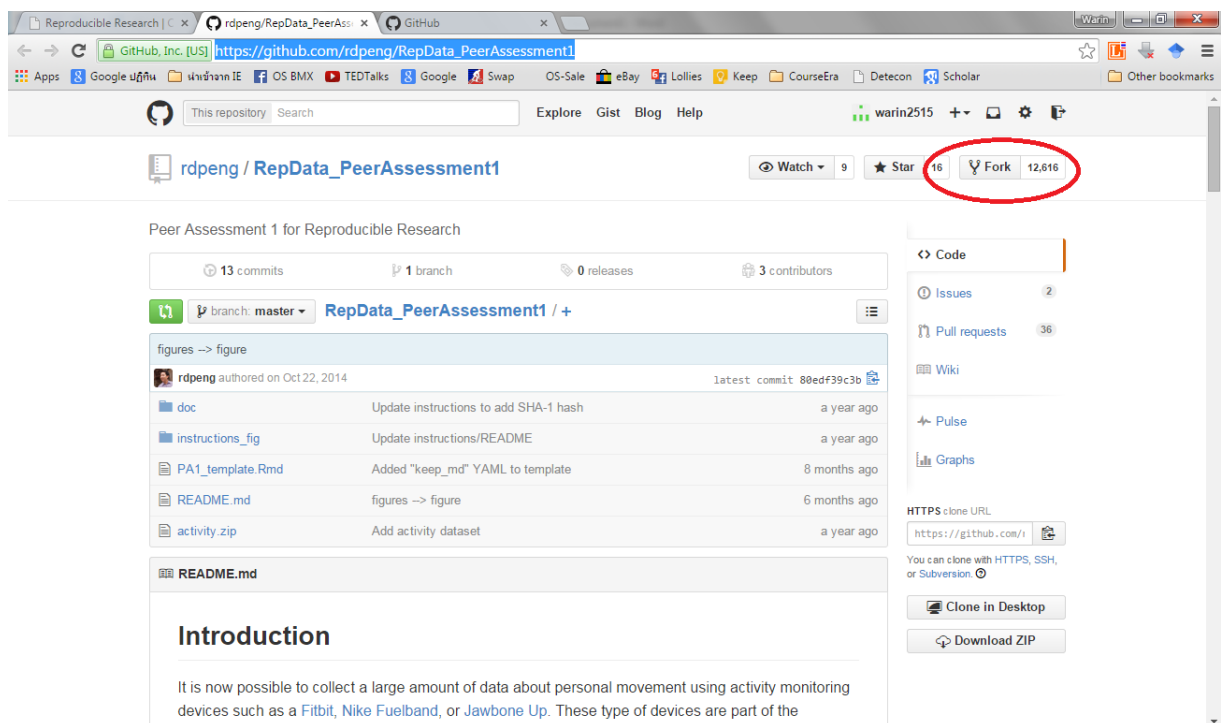
Prerequisite

1. Already have github account
2. Already installed github application on your desktop

Step 1: copy assignment directory from the master (rdpeng is directory of Prof. Roger D. Peng) to our own website (warin2515 = this is my own directory. This is, we are doing so call “Fork”

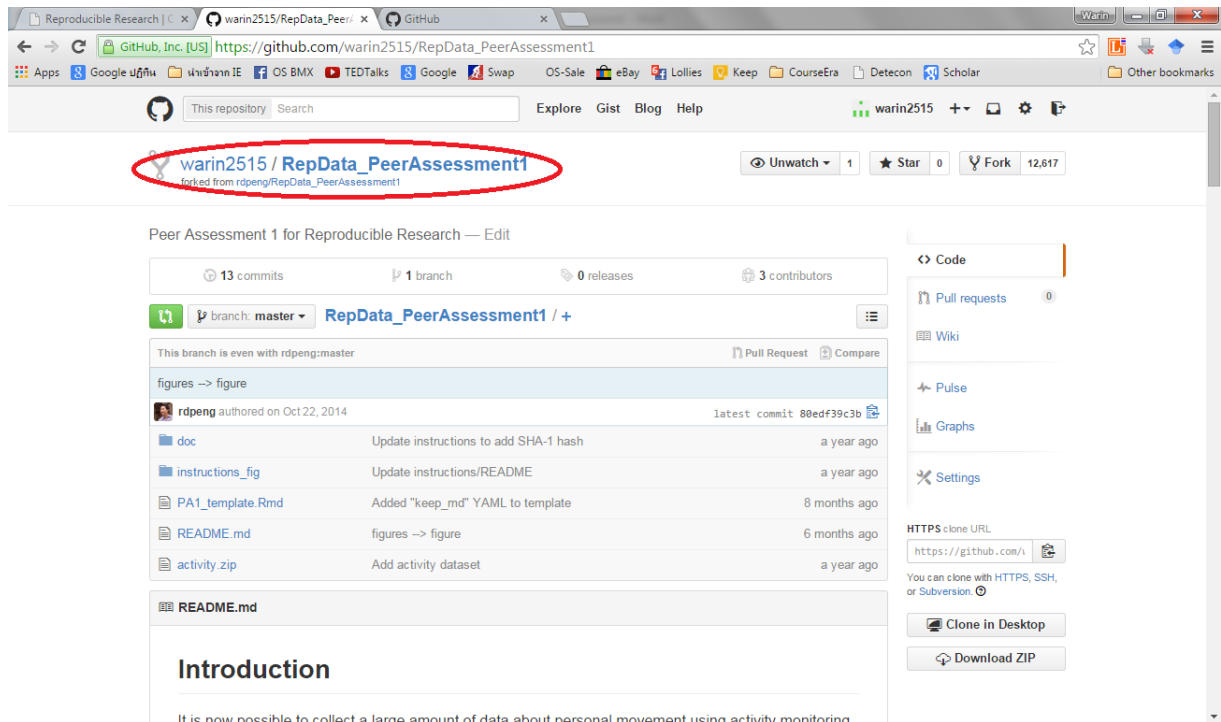
Go to https://github.com/rdpeng/RepData_PeerAssessment1

Click “Fork” at the upper right page



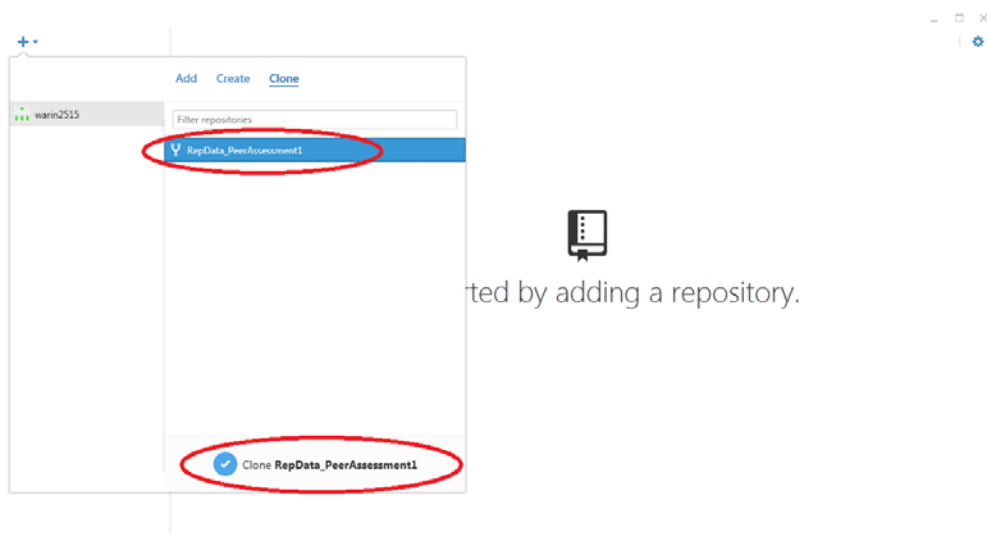
This is the result after “Fork” completed.

You will see this “warin2515/RepData_PeerAssessment1” It show that I already copy “RepData_PeerAssessment1” from rdpeng to warin2515



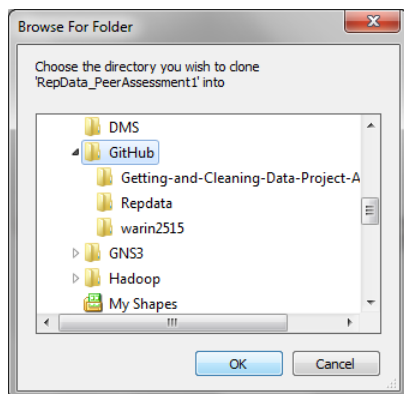
Step2: At your PC you have to download directory on your github web site into your local PC. We are doing so call “Clone”

Open your github app. Click “+”. Then your App will retrieve directory name on github website and display to you “

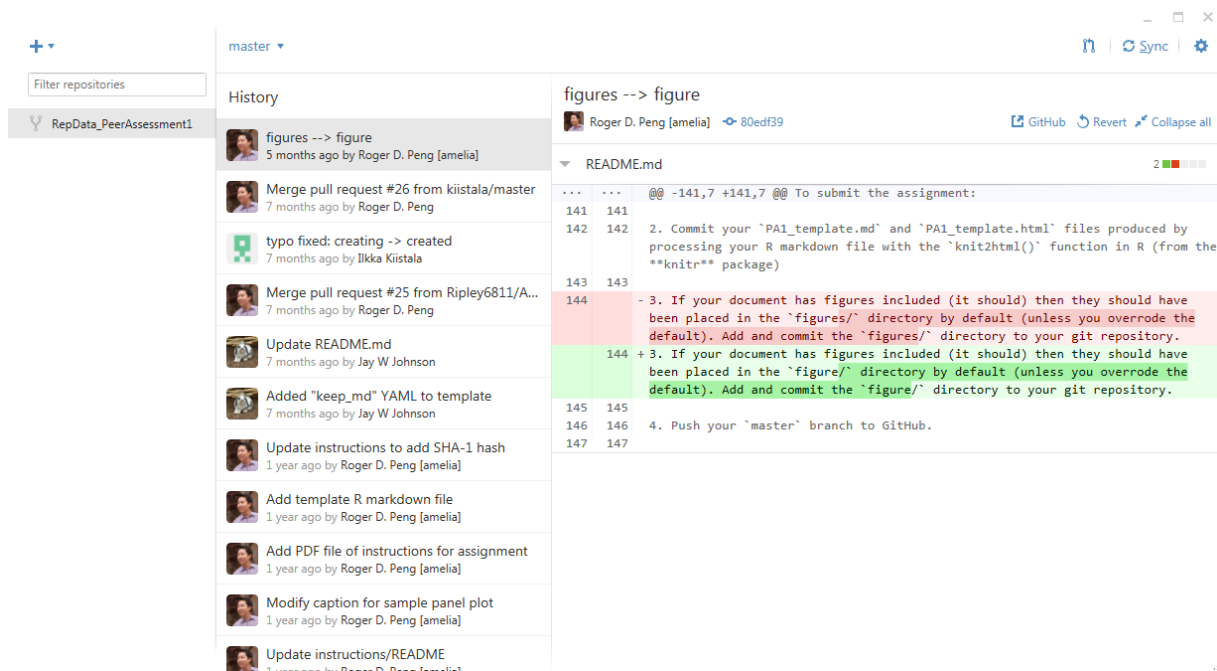


Next Click at the “RepData_PeerAssessment1” and click “Clone”

Next Choose your local directory where the Git App will download to.

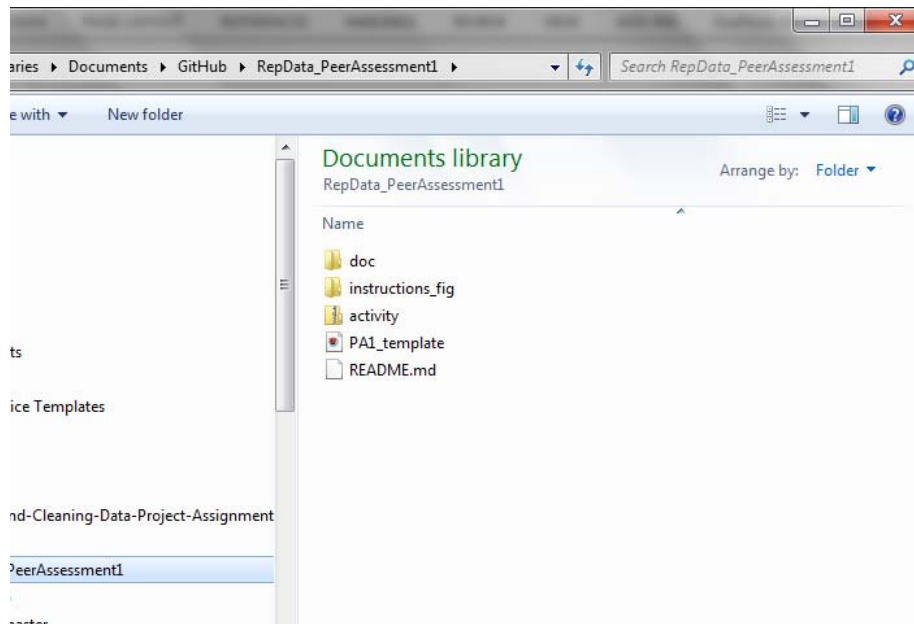


This is result.



*** At this point you already download copy of your directory on the github website (which you copy it from rdpeng) into your local PC.

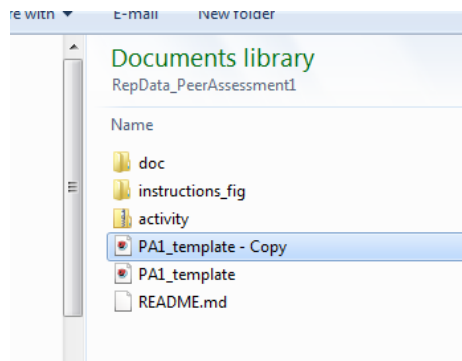
Figure below show your local directory in your PC.



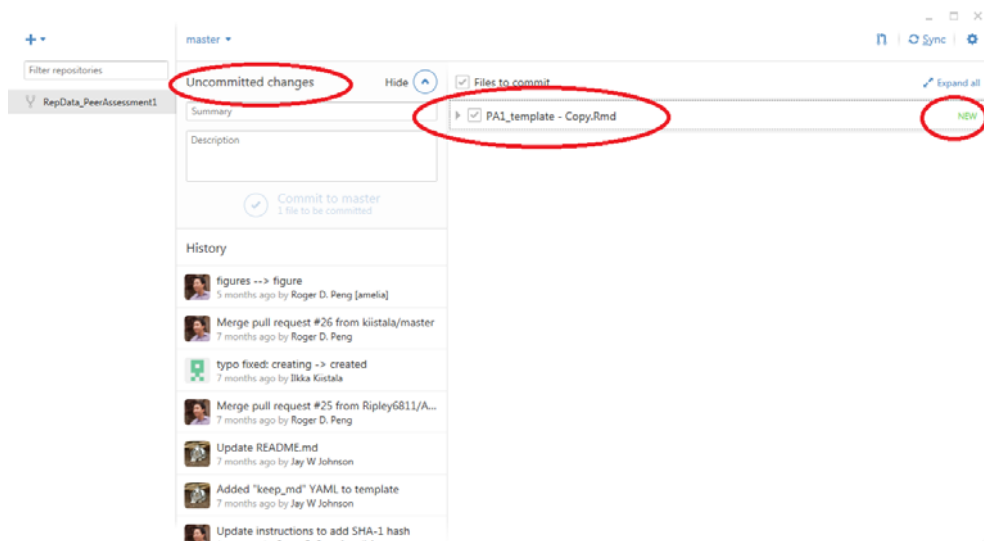
Step3: Make modification

From previous figure we have 2 folders and 3 files in the local directory.

Example I will add one more file in the local folder "PA1_template-Copy"



Then open Git App again, it will show that this folder has some change.



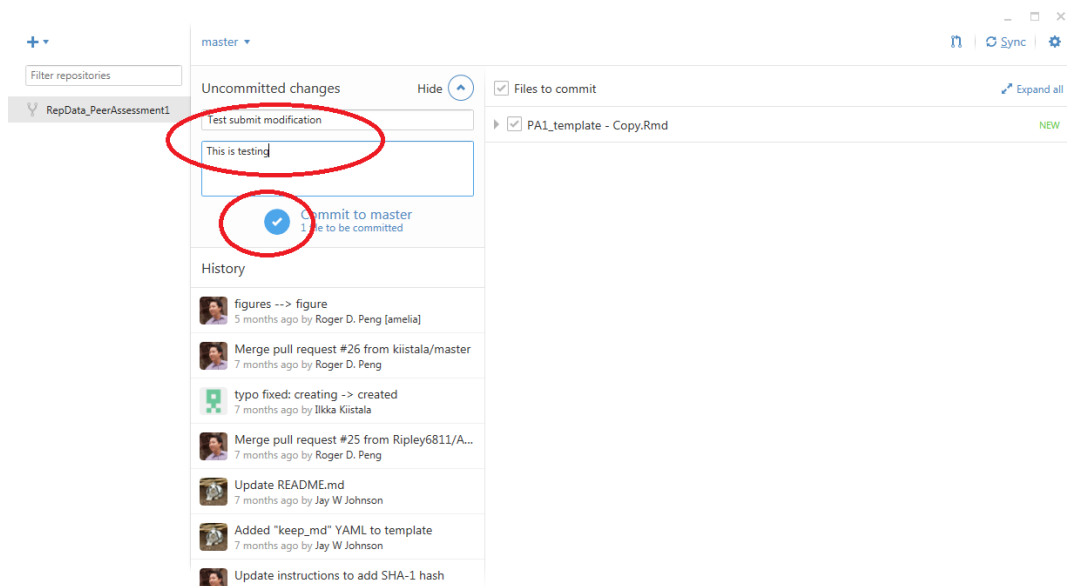
Step4: Commit

After you modify connect in your folder, Git App will automatically ware of that change and will list down for you what have been changed.

Next step is you have to confirm the change you made. We call it “Commit”

Please fill description to explain of this Commit.

Then click Commit

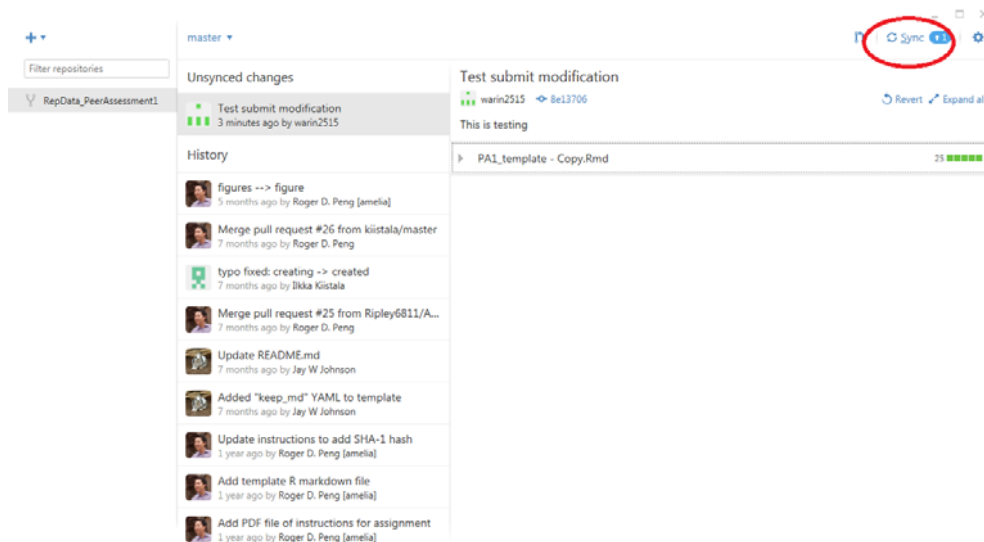


At this point, you just confirm (Commit) the changing in your PC. Not on the github web site yet.

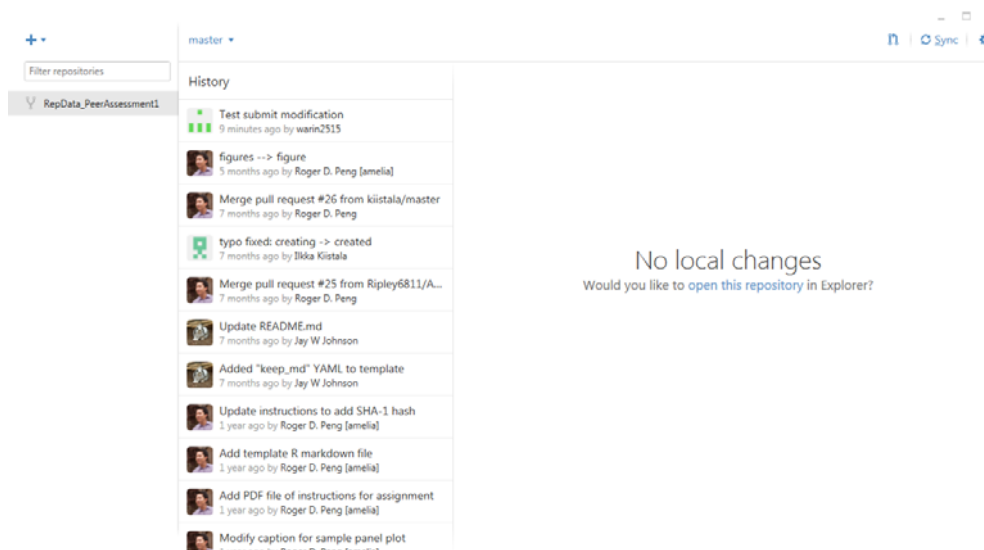
Step 5: Upload changed to Github website.

Next step is you have to upload what ever changed that you already confirm (committed) to github web site. We call this step as “Push”

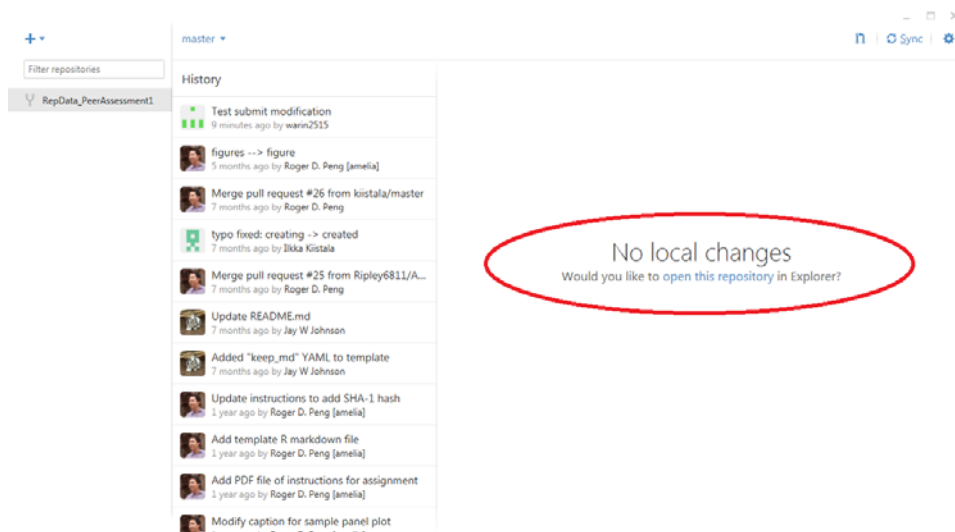
The way to push to web site is just click at “Sync”



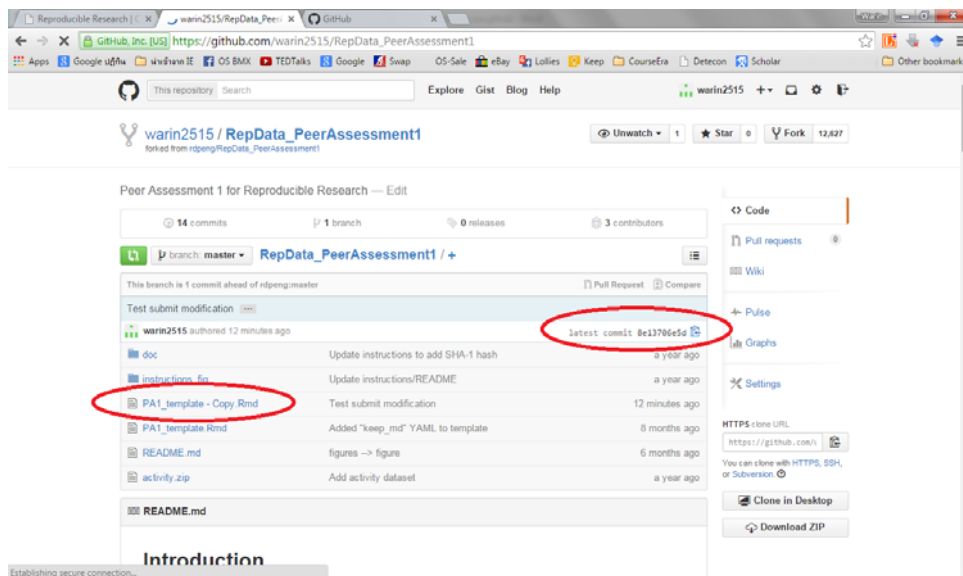
After success, check result on the web site. It should have new file there.



After success “Push” to github web site, Git app will show that no any local change left.




Let's look at the web site. There is a new files we push from local PC.



You can check the SHA-1, this number is the index of this changing.

SHA-1 = 8e13706e5d1bff78a0ce5b71842e96f828e70c0f

And this below figure is the previous SHA-1 that I capture from the first figure. You will see that the previous start with 80edf.

latest commit 80edf39c3b 

a year ago

OK, That's all.

Cheers.

Warin