**Diff and Merge using meld**

1. Download and install meld: <http://meldmerge.org/>
2. Go to C:\Users\mahedee\Meld.exe
3. Modify .gitconfig like following, yellow marked portion is added for diff tool

[filter "lfs"]

clean = git-lfs clean -- %f

smudge = git-lfs smudge -- %f

process = git-lfs filter-process

required = true

[user]

name = mahedee

[user]

email = mahedee.hasan@gmail.com

[diff]

tool = meld

[difftool "meld"]

path = C:/Program Files (x86)/Meld/Meld.exe

[difftool]

prompt = false

1. Now run: D:\Projects\Github\test-repo [(master)|MERGING]> git difftool origin/master

You will see, meld tool is running.

1. If you have multiple diff tool installed, then you can run specific diff tool like following

D:\Projects\Github\test-repo [(master)|MERGING]> git difftool -t meld

1. Modify .gitconfig like following, yellow marked portion is added for diff merge tool

[filter "lfs"]

clean = git-lfs clean -- %f

smudge = git-lfs smudge -- %f

process = git-lfs filter-process

required = true

[user]

name = mahedee

[user]

email = mahedee.hasan@gmail.com

[diff]

tool = meld

[difftool "meld"]

path = C:/Program Files (x86)/Meld/Meld.exe

[difftool]

prompt = false

[merge]

tool = meld

[mergetool "meld"]

path = C:/Program Files (x86)/Meld/Meld.exe

[mergetool]

keepBackup = false

1. Now run git mergetool
2. Click arrow button which one you want to keep and save
3. Then commit and push as usual.

References:

<https://www.youtube.com/watch?v=3Qynj8WUwgs>