Installing and configuring GIT on windows

Step1: Go to the following link and download latest version of GIT for windows

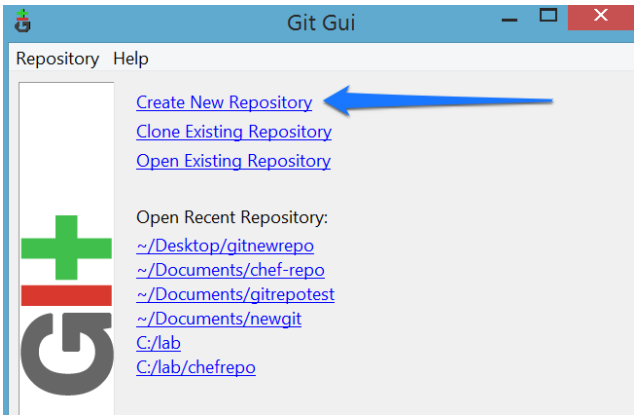
https://git-scm.com/download/

Once downloaded run the installer and choose all default options while installing.

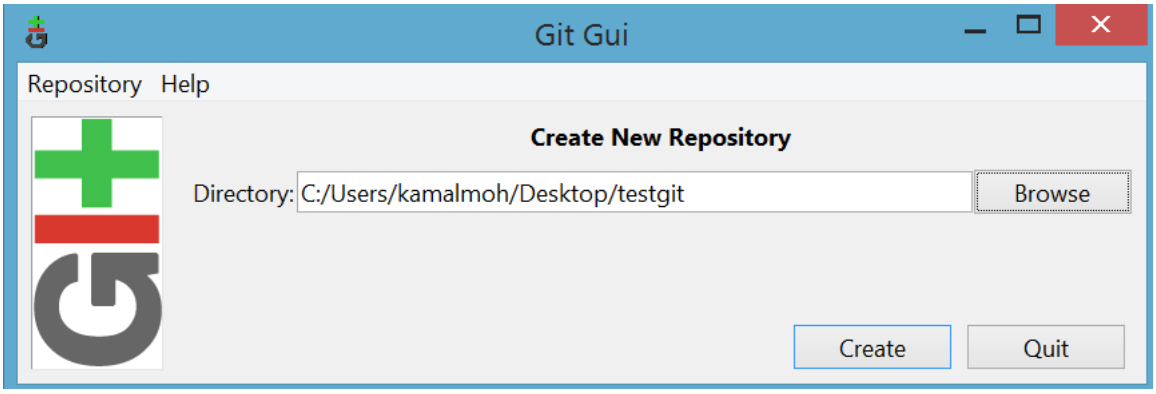
Note: before you proceed further, you need to make sure ssh is configured on your workstation. If you don't have ssh configured, then please follow the document for Cygwin installation and configuration.

1. Launch GIT GUI as per the following screen:

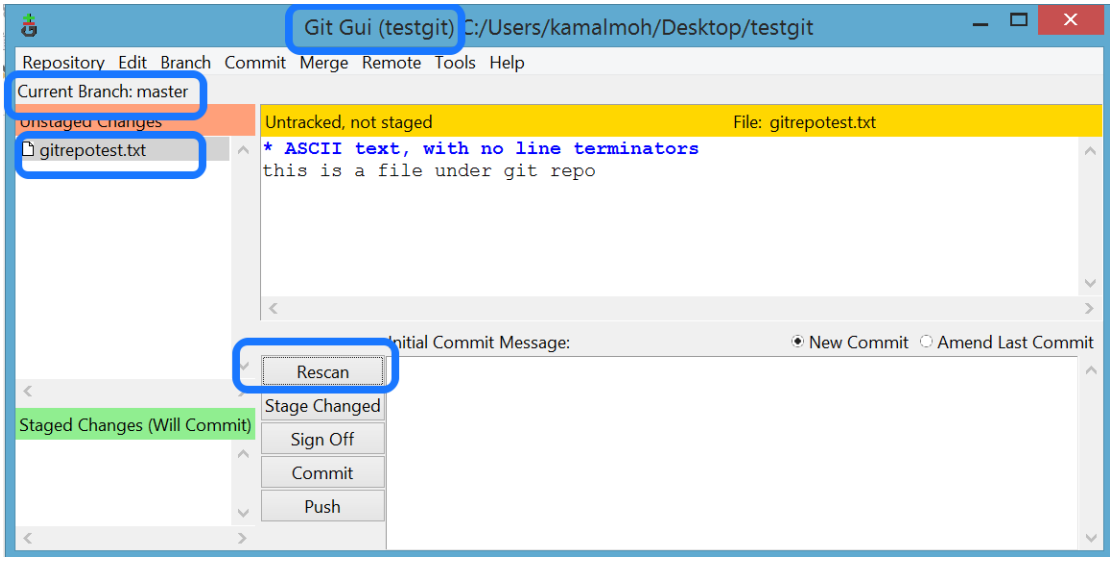
2. Click on create a new repository:



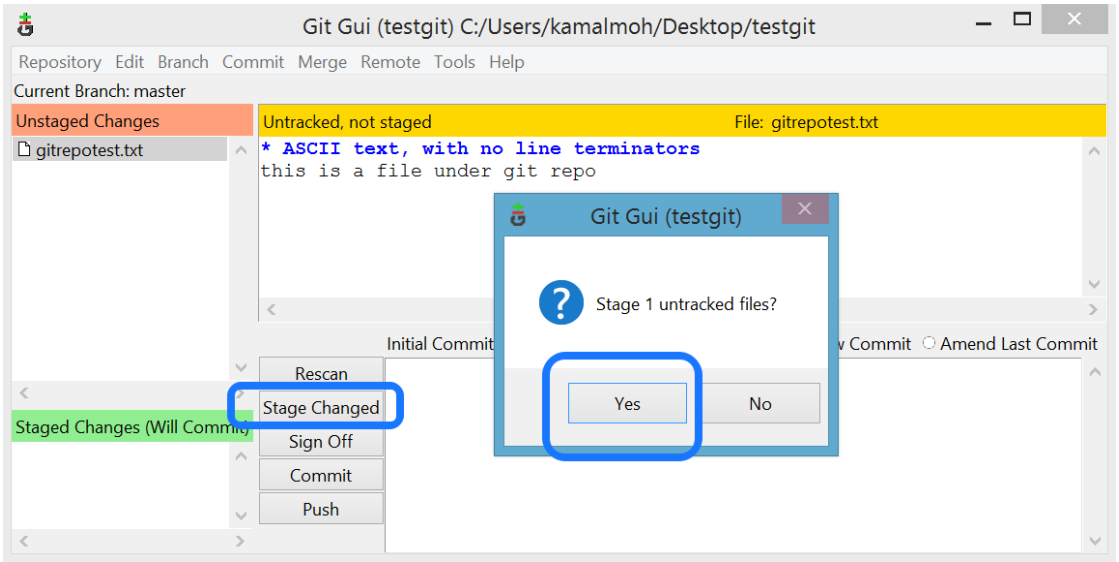
3. Browse to the folder where you have files which needs to be put under version control and click create



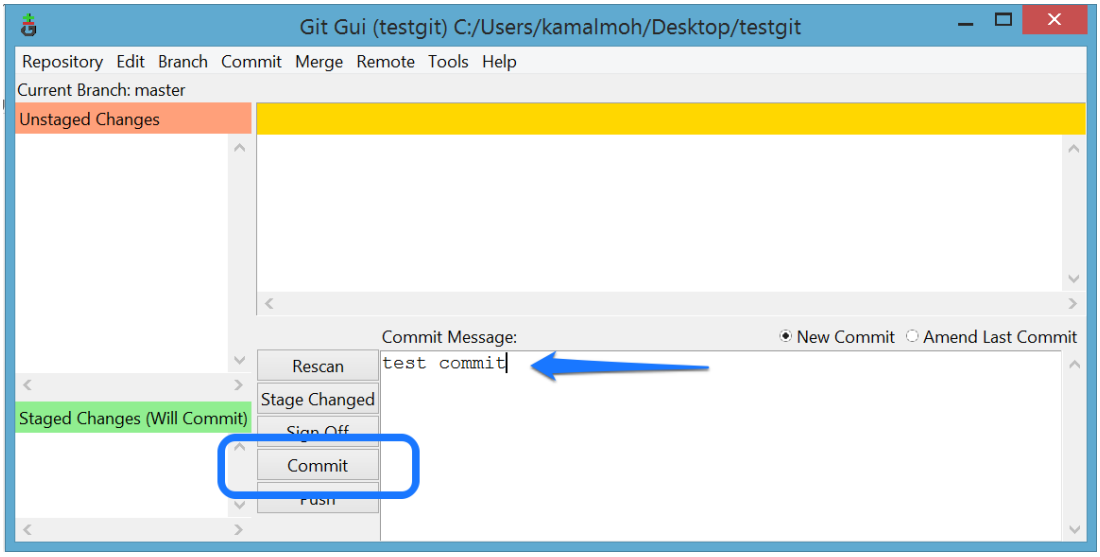
4. Next screen will show you details about current branch, repo name, files tracked etc. Clicking on rescan will refresh the screen.



5. For any new files added, please click on 'Stage Changed'. Click 'yes' on the pop-up.



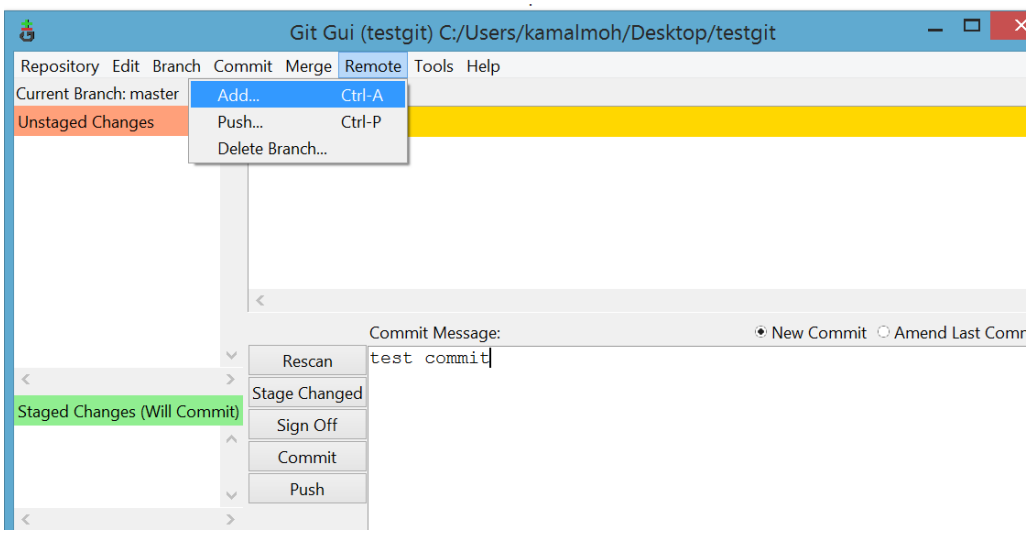
6. Provide a commit message and click on commit button as shown below:



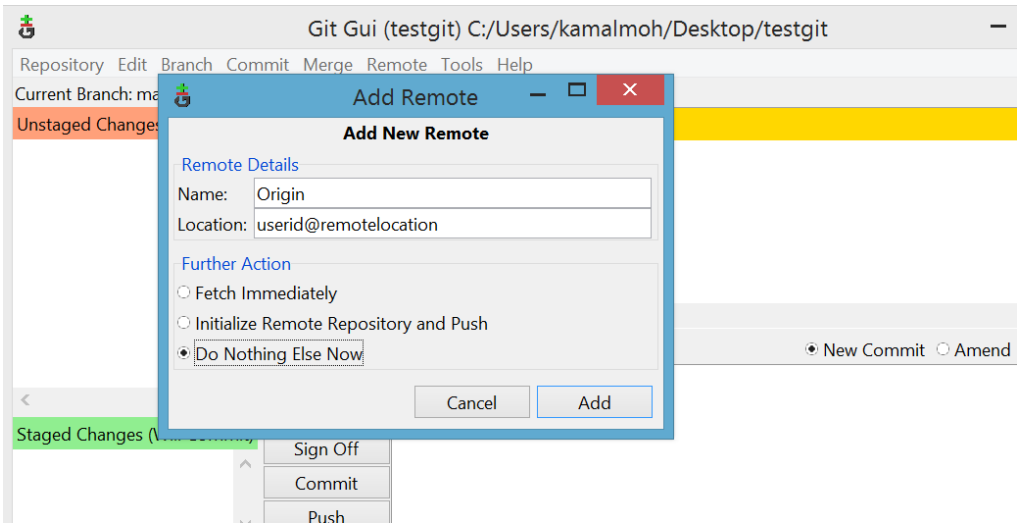
This will commit your changes to your local repository.

Push changes to GIT Server

1. In order to push your changes to GIT server, you first need to add a 'remote' for push. Click on Remote → Add as shown below:

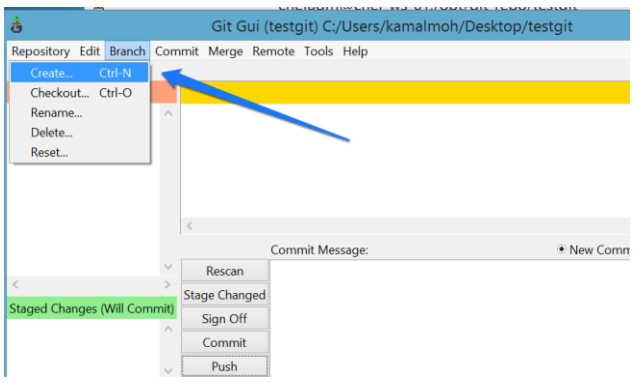


2. Fill in the details as per the screenshot.

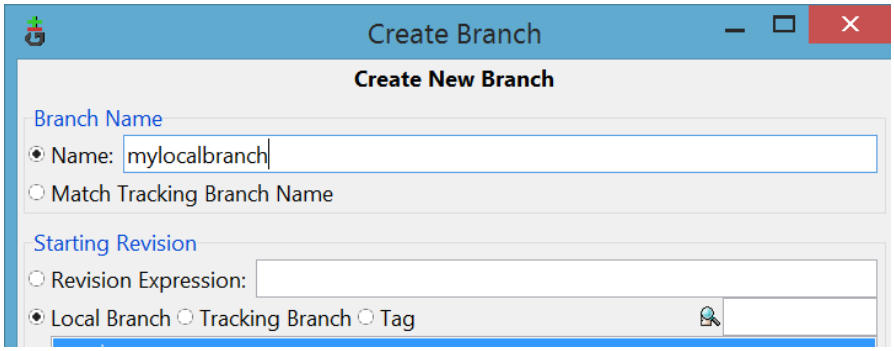


Example: userid@172.16.18.69:/opt/git-repo/{projectfolder}

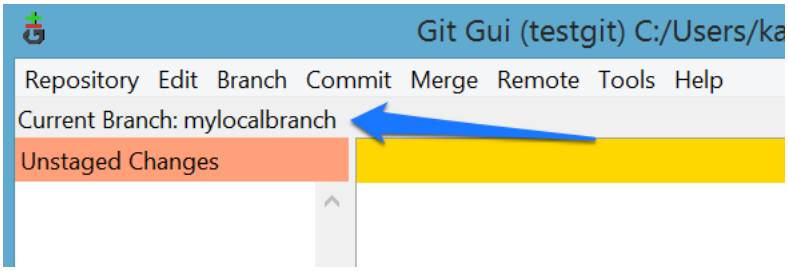
3. Once 'remote' is added, you need to create a local branch which will be your working tree.



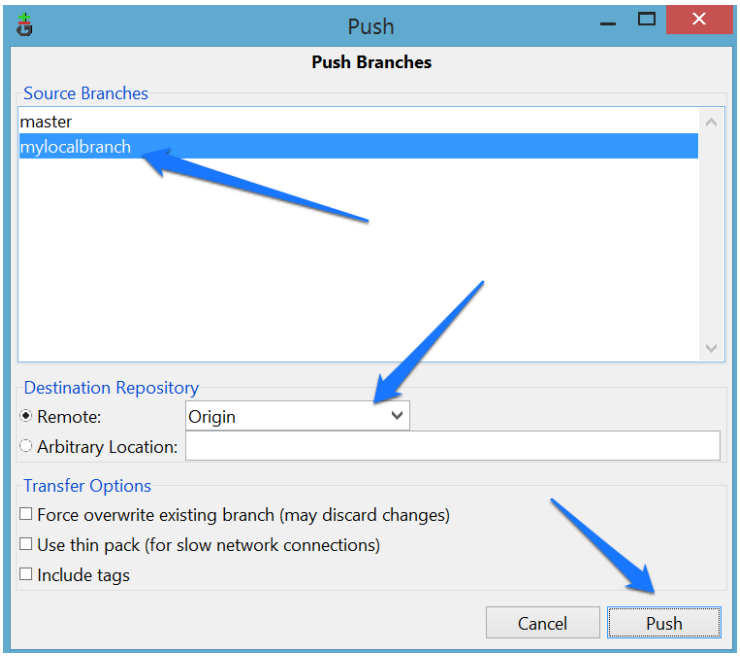
4. Give a name to your local branch and leave the rest to default. Click ‘Create’.



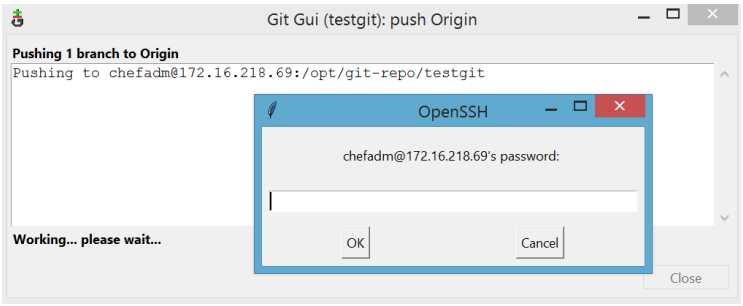
5. GIT will automatically checkout to newly created branch:



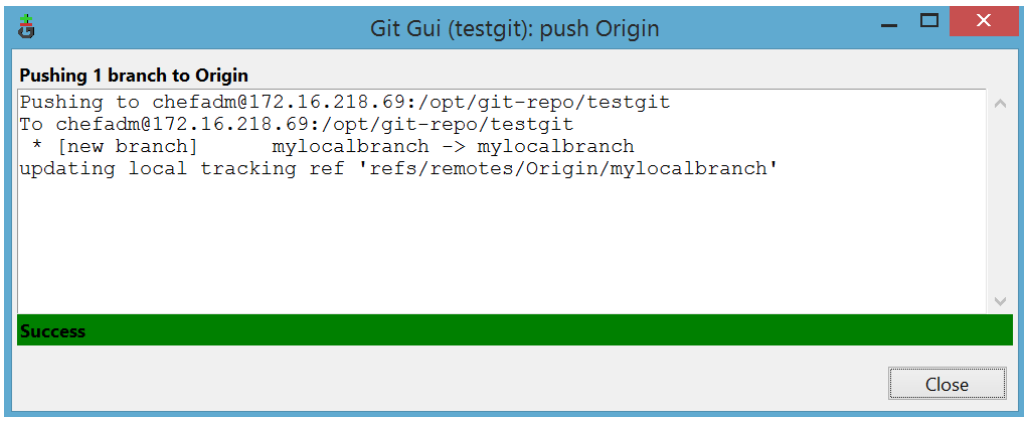
6. Now we are ready to push the code to GIT server. Click on ‘push’ on GIT GUI which will take you to following screen:



7. Make sure your local branch is selected and then click on push. It will prompt for your password:



8. Click ‘ok’ after you put in the password. After a second or two, you will get the following screen:



Congratulations! Your code has been uploaded on the GIT server. ☺