## GIT keyword

Git version -- to check version

Git apt update

Git apt install git -- to install

Git help

Git config --global --list --to get users list

Git config –global user.name “user” -- to add user

Git config –global user.email “email” -- to add email

Cat ~/.gitconfig -- to display config

Perl hi.pl -- to run hi.pl perl script

Git status -- to check status

Git init -- to inititate git

Git add . -- to add files modified to local repo

Git commit -m “comment” --to commit files to local repo

Git commit -am “comment” --to add and modify to local repo

Git log -- to check git log

Git reflog

Git remote -v -- to check if any remote repo connected

Git local repository / remote repository

To point to remote repository

Git remote add origin <https://topgear-gitlab.wipro.com/athore/gitlearn.git>--to add remote git repo

Git push -u origin master --to push file to master

Git pull url --to pull from remote repo

Git clone url --to clone from remote url

Git branch -a -- to check which branch we are in

Git remote remove origin --to remove remote connection

Git checkout -b gittest --to create another branch

Git branch -a --to display which branch currently on

Git checkout master --to comeback to master branch

git merge gittest --to merge master and gittest. Run from master

git branch -d gittest --to delete branch

## Maven and Jenkins integration

jenkins

Poll SCM --- to check code change in git

* Jenkins 🡨🡪 Git configuration using Access token/URL/Plugins
* Build when a change is pushed to GitLab – This needs the Jenkins project url to be updated in Gitlab integration menu

Jenkins 🡨🡪 Maven 🡨🡪 Webapp

Mvn archetype:generate -DgroupID=com.devops -DartifactID=Demo2 -DarchetypeArtifactID=maven-archetype-webapp -DinteractiveMode=false

Tree – command to see tree inside the web folder

Mvn clean

Git status

Git init

Git add

Commit git

Mvn clean compile --- target classes will be created

Mvn clean test comple

Mvn clean test

Mvn clean package ---to generate war file