---------------------------------------------------

We are in a process of setting up a pipeline

git ---commit code ----> GITHUB ----> ---pullcode ----> Jenkins --buildcode ---> Maven

Integrate github with jenkins

install git on jenkins instance

install github plugins on jenkins UI

congigure git on jenkins UI

----------------

To install git on jenkins server login to jenkins server(redhat instance/similar)

# yum install git

#git -version

----------------

To install github plugins on jenkins UI

Go to Jenkins UI -> Manage plugins -> search for github available plugins -> select github (to integrate jenkins with github)

install without restart/with restart

----------------

To congigure git on jenkins UI

Go to Manage jenkins -> Global tool congiguration -> go to git -> update name and path to git executable (git, <path to git>)

apply and save

---------------------------------------------------

create a pipeline to pull code from github

Go to jenkins UI-> select new item -> freestyle project -> source code anagement -> update github repo url (https)-> update credentials if it is a private repository else not required -> apply and save it

build now

go to the console output , from the logs you can see the jenkins workspace where all data will be saved ,

cd /var/lib/jenkins/workspace/pullcodefromgithub --- you can see all content from github repository

github url:

https://github.com/srinuedupoly/hello-world.git ---- url github

Branch to build:

\*/main

================================================================================