Git

Git basic commands

git init

git clone <URL of the project in the server>

git status

git add .

git add -u

git commit -m "some massage"

git remote add <servername> <git server URL>

git push <severname> <branch name>

Branching Commands

git checkout -b <Branch name>

git branch brach1 -> creates the branch brach1

git checkout branch1 -> switch from current branch to branch1

Note: The below one is combination of above 2 commands.

git checkout -b branch2 -> creates the new branch branch2 and swap the control to branch2

git branch -> displays list of the branches in the same machine and the current branch is marked with "\*".

git branch -r --> Displays the remote branch list

Branch Merging:

git checkout -b brnch1 --> on sys1

do the changes on sys1

git checkout -b brnch2 --> on sys2

do the changes on sys2

on sys1(brnch1)

git add .

git commit -m "commit the changes for req1"

git remote add origin <URL of the server>

git push origin brnch1

onsys2(branch2)

git add .

git commit -m " commit the changes for req2"

git remote add origin <URL of the server>

git pull

git checkout brnch1

git checkout -b integration

(entered into integration branch)

git merge brnch1

git merge brnch2

git push origin integration

git checkout master

(entered into master branch)

git merge integration

git push origin master

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Branching strategy

task/topic branches - branches which are worked on develpoer

tips : start .

**Git Stash**

Git stash save 'some massage'

note : we will get sha1 id

git status

git stash list

git stash apply stash@{0}