Git Command Documentation

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# CLONNING PROJECT FROM MASTER BRANCH

steps:

1.1: create any folder where we want to clone projects i.e. master\_project

1.2: go to created folder i.e. master\_project

1.3: right click and select 'Git Bash here'. Note: it is supposed that git bash installed and configured already

1.4: type: git clone [git repository url here]

# CLONNING PROJECT FROM OTHER BRANCH

steps:

2.1: follow steps 1.1 to 1.3

2.2: type: git clone -b [branch name] –single-branch [git repository url here]

# CREATING BRANCH FROM MASTER BRANCH

steps:

3.1: go to cloned project from master branch

3.2: right click and select 'Git Bash here'.

Note: master branch should be display in front of folder path in git bash console

3.3: type: git branch [new branch name]

(now we have to move to the newly created branch)

3.4: type: git checkout [new branch name]

(now we have created branch locally. We need to push it to git)

3.5: type: git push –u origin [new branch name]

(now we have successfully created branch from master)

# CREATING BRANCH FROM BRANCH

steps:

4.1: go to cloned project from any branch

4.2: right click and select 'Git Bash here'.

Note: branch name should be display in front of folder path in git bash console

4.3: type: git branch [new branch name]

4.4: type: git checkout [new branch name]

(now we have created branch locally. We need to push it to git)

4.5: type: git push –u origin [new branch name]

(now we have successfully created branch from branch)

# HOW TO COMMIT CHANGES TO MASTER/OTHER BRANCH

5.1: go to cloned project from master branch

5.2: right click and select 'Git Bash here'.

Note: branch name should be display in front of folder path in git bash console

5.3: type: git status

(this will show all file that are changed and newly added files and deleted files….)

5.4: if want to commit all files type: git add .

(note: .(dot) add all files from unstaged to staged area to commit)

If want to commit only some file then type: git add [all files separated by space]

(note copy file path from status command)

(this will add file to staged area)

5.5: to push type: git commit –m “commit message”

5.6: to commit type: git push –u origin [branch name]

(here our branch is master i.e git push –u origin master)

# PULL NEW CHANGES FROM BRANCH/MASTER BRANCH

* 1. : go to cloned project from master branch
  2. : right click and select 'Git Bash here'.

Note: branch name should be display in front of folder path in git bash console

* 1. : git pull origin [branch\_name]