$ mkdir athili

hwxpoc@WIHCPU04926 MINGW64 ~ (master)

$ ls

AppData/ Favorites/ NetHood@ PrintHood@

'Application Data'@ gitsession/ NTUSER.DAT Recent@

athili/ IntelGraphicsProfiles/ ntuser.dat.LOG1 'Saved Games'/

branch/ Links/ ntuser.dat.LOG2 Searches/

Contacts/ 'Local Settings'@ NTUSER.DAT{016888bd-6c6f-11de-8d1d-001e0bcde3ec}.TM.blf SendTo@

Cookies@ Music/ NTUSER.DAT{016888bd-6c6f-11de-8d1d-001e0bcde3ec}.TMContainer00000000000000000001.regtrans-ms 'Start Menu'@

Desktop/ 'My Documents'@ NTUSER.DAT{016888bd-6c6f-11de-8d1d-001e0bcde3ec}.TMContainer00000000000000000002.regtrans-ms Templates@

Documents/ myrepo/ ntuser.ini Videos/

Downloads/ narasimha/ Pictures/ 'VirtualBox VMs'/

hwxpoc@WIHCPU04926 MINGW64 ~ (master)

$ cd athili

hwxpoc@WIHCPU04926 MINGW64 ~/athili (master)

$ ls

hwxpoc@WIHCPU04926 MINGW64 ~/athili (master)

$ git init

Initialized empty Git repository in C:/Users/hwxpoc/athili/.git/

hwxpoc@WIHCPU04926 MINGW64 ~/athili (master)

$ ls

hwxpoc@WIHCPU04926 MINGW64 ~/athili (master)

$ touch n1 n2 n3

hwxpoc@WIHCPU04926 MINGW64 ~/athili (master)

$ git add .

hwxpoc@WIHCPU04926 MINGW64 ~/athili (master)

$ git ls-files

n1

n2

n3

hwxpoc@WIHCPU04926 MINGW64 ~/athili (master)

$ git commit -m "narasimha files"

[master (root-commit) de01f00] narasimha files

3 files changed, 0 insertions(+), 0 deletions(-)

create mode 100644 n1

create mode 100644 n2

create mode 100644 n3

hwxpoc@WIHCPU04926 MINGW64 ~/athili (master)

$

hwxpoc@WIHCPU04926 MINGW64 ~/athili (master)

$ git clone https://github.com/Narasimha1Reddy/fresh.git

Cloning into 'fresh'...

remote: Counting objects: 3, done.

remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0

Unpacking objects: 100% (3/3), done.

hwxpoc@WIHCPU04926 MINGW64 ~/athili (master)

$ ls

fresh/ n1 n2 n3

hwxpoc@WIHCPU04926 MINGW64 ~/athili (master)

$ cp n1 n2 n3 fresh

hwxpoc@WIHCPU04926 MINGW64 ~/athili (master)

$ cd fresh/

hwxpoc@WIHCPU04926 MINGW64 ~/athili/fresh (master)

$ ls

n1 n2 n3 README.md

hwxpoc@WIHCPU04926 MINGW64 ~/athili/fresh (master)

$

hwxpoc@WIHCPU04926 MINGW64 ~/athili/fresh (master)

$ git remote add origin https://github.com/Narasimha1Reddy/fresh.git

fatal: remote origin already exists.

hwxpoc@WIHCPU04926 MINGW64 ~/athili/fresh (master)

$ git remote -v

origin https://github.com/Narasimha1Reddy/fresh.git (fetch)

origin https://github.com/Narasimha1Reddy/fresh.git (push)

$ pwd

/c/Users/hwxpoc/athili/fresh

hwxpoc@WIHCPU04926 MINGW64 ~/athili/fresh (master)

$ ls

n1 n2 n3 README.md

hwxpoc@WIHCPU04926 MINGW64 ~/athili/fresh (master)

$ git add n1 n2 n3 README.md

hwxpoc@WIHCPU04926 MINGW64 ~/athili/fresh (master)

$ git commit -m "commits"

[master 242996b] commits

3 files changed, 0 insertions(+), 0 deletions(-)

create mode 100644 n1

create mode 100644 n2

create mode 100644 n3

hwxpoc@WIHCPU04926 MINGW64 ~/athili/fresh (master)

$ git init

Reinitialized existing Git repository in C:/Users/hwxpoc/athili/fresh/.git/

hwxpoc@WIHCPU04926 MINGW64 ~/athili/fresh (master)

$ git push -u origin master

Counting objects: 3, done.

Delta compression using up to 4 threads.

Compressing objects: 100% (2/2), done.

Writing objects: 100% (3/3), 275 bytes | 0 bytes/s, done.

Total 3 (delta 0), reused 0 (delta 0)

To https://github.com/Narasimha1Reddy/fresh.git

40f63bb..242996b master -> master

Branch master set up to track remote branch master from origin.

hwxpoc@WIHCPU04926 MINGW64 ~/athili/fresh (master)

$

$ git clone https://github.com/Narasimha1Reddy/fresh.git

Cloning into 'fresh'...

remote: Counting objects: 8, done.

remote: Compressing objects: 100% (4/4), done.

remote: Total 8 (delta 1), reused 5 (delta 1), pack-reused 0

Unpacking objects: 100% (8/8), done.

hwxpoc@WIHCPU04926 MINGW64 ~/git (master)

hwxpoc@WIHCPU04926 MINGW64 ~/git (master)

$ ls

baring/ config description fresh/ gg HEAD hh hooks/ info/ objects/ refs/

hwxpoc@WIHCPU04926 MINGW64 ~/git (master)

$ pwd

/c/Users/hwxpoc/git

hwxpoc@WIHCPU04926 MINGW64 ~/git (master)

$ cp gg fresh

hwxpoc@WIHCPU04926 MINGW64 ~/git (master)

$ pwd

/c/Users/hwxpoc/git

hwxpoc@WIHCPU04926 MINGW64 ~/git (master)

$ cp gg fresh

hwxpoc@WIHCPU04926 MINGW64 ~/git (master)

$ pwd

/c/Users/hwxpoc/git

hwxpoc@WIHCPU04926 MINGW64 ~/git (master)

$ cd fresh/

hwxpoc@WIHCPU04926 MINGW64 ~/git/fresh (master)

$ ll

total 1

-rw-r--r-- 1 hwxpoc 197121 0 Feb 2 01:45 gg

-rw-r--r-- 1 hwxpoc 197121 0 Feb 2 01:42 n1

-rw-r--r-- 1 hwxpoc 197121 0 Feb 2 01:42 n2

-rw-r--r-- 1 hwxpoc 197121 0 Feb 2 01:42 n3

-rw-r--r-- 1 hwxpoc 197121 0 Feb 2 01:42 new

-rw-r--r-- 1 hwxpoc 197121 7 Feb 2 01:42 README.md

hwxpoc@WIHCPU04926 MINGW64 ~/git/fresh (master)

$ git init

Reinitialized existing Git repository in C:/Users/hwxpoc/git/fresh/.git/

hwxpoc@WIHCPU04926 MINGW64 ~/git/fresh (master)

$ git add gg

hwxpoc@WIHCPU04926 MINGW64 ~/git/fresh (master)

$ git commit -m "gg"

[master 5cbf53e] gg

1 file changed, 0 insertions(+), 0 deletions(-)

create mode 100644 gg

hwxpoc@WIHCPU04926 MINGW64 ~/git/fresh (master)

From some other end

$ git commit -a -m "give file"

warning: LF will be replaced by CRLF in give.

The file will have its original line endings in your working directory.

[prod 86edda8] give file

1 file changed, 1 insertion(+)

hwxpoc@WIHCPU04926 MINGW64 ~/git (prod)

$ git push -u origin master

Counting objects: 2, done.

Delta compression using up to 4 threads.

Compressing objects: 100% (2/2), done.

Writing objects: 100% (2/2), 226 bytes | 0 bytes/s, done.

Total 2 (delta 1), reused 0 (delta 0)

remote: Resolving deltas: 100% (1/1), completed with 1 local object.

To https://github.com/Narasimha1Reddy/fresh.git

490f612..5cbf53e master -> master

Branch master set up to track remote branch master from origin.

hwxpoc@WIHCPU04926 MINGW64 ~/git/fresh (master)

$ pwd

/c/Users/hwxpoc/git/fresh

hwxpoc@WIHCPU04926 MINGW64 ~/git/fresh (master)

$ ls -dir

9007199254885498 ./

hwxpoc@WIHCPU04926 MINGW64 ~/git/fresh (master)

$ git init --bare

Initialized empty Git repository in C:/Users/hwxpoc/git/fresh/

hwxpoc@WIHCPU04926 MINGW64 ~/git/fresh (master)

$ ls

config description gg HEAD hooks/ info/ n1 n2 n3 new objects/ README.md refs/

hwxpoc@WIHCPU04926 MINGW64 ~/git/fresh (master)

$

$ pwd

/c/Users/hwxpoc/git

hwxpoc@WIHCPU04926 MINGW64 ~/git (master)

$ ls

baring/ config description fresh/ gg HEAD hh hooks/ info/ objects/ refs/

hwxpoc@WIHCPU04926 MINGW64 ~/git (master)

$ git branch dev

hwxpoc@WIHCPU04926 MINGW64 ~/git (master)

$ ls

baring/ config description fresh/ gg HEAD hh hooks/ info/ objects/ refs/

hwxpoc@WIHCPU04926 MINGW64 ~/git (master)

$ git branch

dev

\* master

hwxpoc@WIHCPU04926 MINGW64 ~/git (master)

$ git checkout -b prod

Switched to a new branch 'prod'

hwxpoc@WIHCPU04926 MINGW64 ~/git (prod)

$ git branch

dev

master

\* prod

hwxpoc@WIHCPU04926 MINGW64 ~/git (prod)

$ touch give given

hwxpoc@WIHCPU04926 MINGW64 ~/git (prod)

$ ls

baring/ config description fresh/ gg give given HEAD hh hooks/ info/ objects/ refs/

hwxpoc@WIHCPU04926 MINGW64 ~/git (prod)

$ pwd

/c/Users/hwxpoc/git

hwxpoc@WIHCPU04926 MINGW64 ~/git (prod)

$ git branch

dev

master

\* prod

hwxpoc@WIHCPU04926 MINGW64 ~/git (prod)

$ git int

git: 'int' is not a git command. See 'git --help'.

The most similar command is

init

hwxpoc@WIHCPU04926 MINGW64 ~/git (prod)

$ git init

Reinitialized existing Git repository in C:/Users/hwxpoc/git/.git/

hwxpoc@WIHCPU04926 MINGW64 ~/git (prod)

$

hwxpoc@WIHCPU04926 MINGW64 ~/git (prod)

$ ls

baring/ config description fresh/ gg give given HEAD hh hooks/ info/ objects/ refs/

hwxpoc@WIHCPU04926 MINGW64 ~/git (prod)

$ git checkout master

Switched to branch 'master'

hwxpoc@WIHCPU04926 MINGW64 ~/git (master)

$ ls

baring/ config description fresh/ gg give given HEAD hh hooks/ info/ objects/ refs/

hwxpoc@WIHCPU04926 MINGW64 ~/git (master)

$ git checkout prod

Switched to branch 'prod'

hwxpoc@WIHCPU04926 MINGW64 ~/git (prod)

$ ls

baring/ config description fresh/ gg give given HEAD hh hooks/ info/ objects/ refs/

hwxpoc@WIHCPU04926 MINGW64 ~/git (prod)

$ git add give given

hwxpoc@WIHCPU04926 MINGW64 ~/git (prod)

$ ls

baring/ config description fresh/ gg give given HEAD hh hooks/ info/ objects/ refs/

hwxpoc@WIHCPU04926 MINGW64 ~/git (prod)

$ git checkout master

Switched to branch 'master'

A give

A given

hwxpoc@WIHCPU04926 MINGW64 ~/git (master)

$ ls

baring/ config description fresh/ gg give given HEAD hh hooks/ info/ objects/ refs/

hwxpoc@WIHCPU04926 MINGW64 ~/git (master)

$ git checkout prod

Switched to branch 'prod'

A give

A given

hwxpoc@WIHCPU04926 MINGW64 ~/git (prod)

$ ls

baring/ config description fresh/ gg give given HEAD hh hooks/ info/ objects/ refs/

hwxpoc@WIHCPU04926 MINGW64 ~/git (prod)

$ git commit -m "give"

[prod 9244501] give

2 files changed, 0 insertions(+), 0 deletions(-)

create mode 100644 give

create mode 100644 given

hwxpoc@WIHCPU04926 MINGW64 ~/git (prod)

$ ls

baring/ config description fresh/ gg give given HEAD hh hooks/ info/ objects/ refs/

hwxpoc@WIHCPU04926 MINGW64 ~/git (prod)

$ git checkout master

Switched to branch 'master'

hwxpoc@WIHCPU04926 MINGW64 ~/git (master)

$ ls

baring/ config description fresh/ gg HEAD hh hooks/ info/ objects/ refs/

hwxpoc@WIHCPU04926 MINGW64 ~/git (master)

$ git merge prod

Updating 13412f7..9244501

Fast-forward

give | 0

given | 0

2 files changed, 0 insertions(+), 0 deletions(-)

create mode 100644 give

create mode 100644 given

hwxpoc@WIHCPU04926 MINGW64 ~/git (master)

$ ls

baring/ config description fresh/ gg give given HEAD hh hooks/ info/ objects/ refs/

hwxpoc@WIHCPU04926 MINGW64 ~/git (master)

$

$ git branch

dev

\* master

prod

hwxpoc@WIHCPU04926 MINGW64 ~/git (master)

$ git branch -D dev

Deleted branch dev (was 13412f7).

hwxpoc@WIHCPU04926 MINGW64 ~/git (master)

$ git branch

dev

\* master

prod

hwxpoc@WIHCPU04926 MINGW64 ~/git (master)

$ echo green files >> give

hwxpoc@WIHCPU04926 MINGW64 ~/git (prod)

$ git commit -a -m "give file"

warning: LF will be replaced by CRLF in give.

The file will have its original line endings in your working directory.

[prod 86edda8] give file

1 file changed, 1 insertion(+)

hwxpoc@WIHCPU04926 MINGW64 ~/git (prod)

$ git checkout master

Switched to branch 'master'

hwxpoc@WIHCPU04926 MINGW64 ~/git (master)

$ git show prod:give

green files

hwxpoc@WIHCPU04926 MINGW64 ~/git (master)

$

$ git checkout prod

Switched to branch 'prod'

hwxpoc@WIHCPU04926 MINGW64 ~/git (prod)

$ echo file insertion >> giles

hwxpoc@WIHCPU04926 MINGW64 ~/git (prod)

$ git commit -a -m "giles"

warning: LF will be replaced by CRLF in giles.

The file will have its original line endings in your working directory.

[prod 0e53b5e] giles

1 file changed, 1 insertion(+)

hwxpoc@WIHCPU04926 MINGW64 ~/git (prod)

$ git checkout master

Switched to branch 'master'

hwxpoc@WIHCPU04926 MINGW64 ~/git (master)

$ ls

baring/ config description fresh/ gg give given HEAD hh hooks/ info/ objects/ refs/

hwxpoc@WIHCPU04926 MINGW64 ~/git (master)

$ git checkout prod giles

hwxpoc@WIHCPU04926 MINGW64 ~/git (master)

$ ls

baring/ config description fresh/ gg giles give given HEAD hh hooks/ info/ objects/ refs/

hwxpoc@WIHCPU04926 MINGW64 ~/git (master)

$ cat giles

file insertion

hwxpoc@WIHCPU04926 MINGW64 ~/git (master)

$

$ git checkout prod

Switched to branch 'prod'

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod (prod)

$ touch bablu

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod (prod)

$ ls

bablu giles README.md

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod (prod)

$ git add .

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod (prod)

$ git ls-files

README.md

bablu

giles

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod (prod)

$ git status

On branch prod

Changes to be committed:

(use "git reset HEAD <file>..." to unstage)

new file: bablu

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod (prod)

$ git commit -m "bablu"

[prod 81f7e58] bablu

1 file changed, 0 insertions(+), 0 deletions(-)

create mode 100644 bablu

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod (prod)

$ git branch

master

\* prod

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod (prod)

$ git checkout master

Switched to branch 'master'

Your branch is up-to-date with 'origin/master'.

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod (master)

$ git push -u origin prod

Counting objects: 3, done.

Delta compression using up to 4 threads.

Compressing objects: 100% (2/2), done.

Writing objects: 100% (3/3), 300 bytes | 0 bytes/s, done.

Total 3 (delta 0), reused 0 (delta 0)

To https://github.com/Narasimha1Reddy/Prod.git

\* [new branch] prod -> prod

Branch prod set up to track remote branch prod from origin.

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod (master)

$ git ls-files

README.md

giles

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod (master )

----------------Pending --------------------------

To grab a remote (non-master) branch from GitHub:

$ git checkout -b remotename origin/remotename

Finally, [here's](http://oliverelliott.org/article/computing/tut_unix/" \l "globalvars_fn1) a trick to display the branch of the git repository you're on in your bash prompt.

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

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod (master)

$ git branch

\* master

prod

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod (master)

$ ls

bablu giles README.md

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod (master)

$ echo bablu reddy >> bablu

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod (master)

$ git diff

warning: LF will be replaced by CRLF in bablu.

The file will have its original line endings in your working directory.

**diff --git a/bablu b/bablu**

**index e69de29..5a127c2 100644**

**--- a/bablu**

**+++ b/bablu**

@@ -0,0 +1 @@

+bablu reddy

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod (master)

$

$ git checkout -- bablu

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod (master)

$ git checkout -- giles

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod (master)

$ cat bablu

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod (master)

$

$ echo bablu >> bablu

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod (master)

$ git commit -a -m "bablu files"

warning: LF will be replaced by CRLF in bablu.

The file will have its original line endings in your working directory.

[master 589e3ef] bablu files

1 file changed, 1 insertion(+)

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod (master)

$ git log --oneline --decorate --graph

\* 589e3ef (HEAD -> master) bablu files

\* 81f7e58 (origin/prod, prod) bablu

\* f9c00fb (origin/master, origin/HEAD) giles

\* ce5d115 Initial commit

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod (master)

$ git diff 589e3ef 81f7e58

**diff --git a/bablu b/bablu**

**index bda222e..e69de29 100644**

**--- a/bablu**

**+++ b/bablu**

@@ -1 +0,0 @@

-bablu

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod (master)

$

$ git diff da550ab 589e3ef

**diff --git a/giles b/giles**

**index d35aaca..faa18ae 100644**

**--- a/giles**

**+++ b/giles**

@@ -1,2 +1 @@

file insertion

-files giles

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod (master)

$ git diff da550ab 589e3ef giles

**diff --git a/giles b/giles**

**index d35aaca..faa18ae 100644**

**--- a/giles**

**+++ b/giles**

@@ -1,2 +1 @@

file insertion

-files giles

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod (master)

$

$ git show da550ab:giles

file insertion

files giles

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod (master)

$ git checkout da550ab

Note: checking out 'da550ab'.

You are in 'detached HEAD' state. You can look around, make experimental

changes and commit them, and you can discard any commits you make in this

state without impacting any branches by performing another checkout.

If you want to create a new branch to retain commits you create, you may

do so (now or later) by using -b with the checkout command again. Example:

git checkout -b <new-branch-name>

HEAD is now at da550ab... giles

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod ((da550ab...))

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod ((da550ab...))

$ git branch

\* (HEAD detached at da550ab)

master

prod

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod ((da550ab...))

$ git checkout master

Switched to branch 'master'

Your branch is ahead of 'origin/master' by 3 commits.

(use "git push" to publish your local commits)

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod (master)

$ git branch

\* master

prod

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod (master)

$

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_PENDING\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

$ git checkout f9c00fb giles

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod (master)

$ git remote -v

origin https://github.com/Narasimha1Reddy/Prod.git (fetch)

origin https://github.com/Narasimha1Reddy/Prod.git (push)

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod (master)

$ git remote set-url origin https://github.com/Narasimha1Reddy/athili-GitRepo.git

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod (master)

$ git remote -v

origin https://github.com/Narasimha1Reddy/athili-GitRepo.git (fetch)

origin https://github.com/Narasimha1Reddy/athili-GitRepo.git (push)

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod (master)

$ git status

On branch master

Your branch is ahead of 'origin/master' by 3 commits.

(use "git push" to publish your local commits)

Changes to be committed:

(use "git reset HEAD <file>..." to unstage)

modified: giles

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod (master)

$ git commit -m "dsj"

[master 44c9e8f] dsj

1 file changed, 1 deletion(-)

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod (master)

$ git ls-files

README.md

bablu

giles

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod (master)

$ git init

Reinitialized existing Git repository in C:/Users/hwxpoc/git/Prod/.git/

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod (master)

$ git clone https://github.com/Narasimha1Reddy/athili-GitRepo.git

Cloning into 'athili-GitRepo'...

remote: Counting objects: 6, done.

remote: Compressing objects: 100% (3/3), done.

remote: Total 6 (delta 0), reused 3 (delta 0), pack-reused 0

Unpacking objects: 100% (6/6), done.

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod (master)

$ ls

athili-GitRepo/ bablu giles README.md

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod (master)

$ cp giles athili-GitRepo

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod (master)

$ ls

athili-GitRepo/ bablu giles README.md

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod (master)

$ cd athili-GitRepo/

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (master)

$ ls

giles mail README.md

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (master)

$ git add giles

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (master)

$ git commit -m "giles"

[master cf6e740] giles

1 file changed, 1 insertion(+)

create mode 100644 giles

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (master)

$ git init

Reinitialized existing Git repository in C:/Users/hwxpoc/git/Prod/athili-GitRepo/.git/

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (master)

$ git push -u origin master

Counting objects: 3, done.

Delta compression using up to 4 threads.

Compressing objects: 100% (2/2), done.

Writing objects: 100% (3/3), 315 bytes | 0 bytes/s, done.

Total 3 (delta 0), reused 0 (delta 0)

To https://github.com/Narasimha1Reddy/athili-GitRepo.git

226c02d..cf6e740 master -> master

Branch master set up to track remote branch master from origin.

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (master)

$

#### Cloning a Repo with Sub-Repos

To clone a repo that has repos inside it, use the recursive flag:

$ git clone --recursive git://github.com/some\_repo

$ git clone --recursive https://github.com/Narasimha1Reddy/athili-GitRepo.git

Cloning into 'athili-GitRepo'...

remote: Counting objects: 9, done.

remote: Compressing objects: 100% (5/5), done.

Unpacking objects: 100% (9/9), done.

remote: Total 9 (delta 0), reused 6 (delta 0), pack-reused 0

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (master)

$ ls

athili-GitRepo/ giles mail README.md

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (master)

$

$ curl https://github.com/Narasimha1Reddy/athili-GitRepo.git

% Total % Received % Xferd Average Speed Time Time Time Current

Dload Upload Total Spent Left Speed

100 178 100 178 0 0 36 0 0:00:04 0:00:04 --:--:-- 49<html>

<head><title>301 Moved Permanently</title></head>

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<center><h1>301 Moved Permanently</h1></center>

<hr><center>nginx</center>

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</html>

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (master)

$ git fetch --all

Fetching origin

From https://github.com/Narasimha1Reddy/athili-GitRepo

\* [new branch] freshthing -> origin/freshthing

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (master)

$ git reset --hard origin/master

HEAD is now at cf6e740 giles

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (master)

$ git fetch --all

Fetching origin

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (master)

$

$ alias gg="git log --oneline --decorate --graph --all"

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (master)

$ gg

\* cf6e740 (HEAD -> master, origin/master, origin/freshthing, origin/HEAD) giles

\* 226c02d edited mail

\* 4f48edb Initial commit

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (master)

$ alias gs="git status"

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (master)

$ gs

On branch master

Your branch is up-to-date with 'origin/master'.

Untracked files:

(use "git add <file>..." to include in what will be committed)

athili-GitRepo/

nothing added to commit but untracked files present (use "git add" to track)

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (master)

$ touch narasimha

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (master)

$ alias ga="git add"

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (master)

$ ga

Nothing specified, nothing added.

Maybe you wanted to say 'git add .'?

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (master)

$ ga narasimha

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (master)

$ git status

On branch master

Your branch is up-to-date with 'origin/master'.

Changes to be committed:

(use "git reset HEAD <file>..." to unstage)

new file: narasimha

Untracked files:

(use "git add <file>..." to include in what will be committed)

athili-GitRepo/

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (master)

$ alias gc="git commit -m"

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (master)

$ gc "commit"

[master 5d3469e] commit

1 file changed, 0 insertions(+), 0 deletions(-)

create mode 100644 narasimha

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (master)

$ touch athili

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (master)

$ alias gac="git commit -a -m"

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (master)

$ gc "addd n commit"

On branch master

Your branch is ahead of 'origin/master' by 1 commit.

(use "git push" to publish your local commits)

Untracked files:

athili

athili-GitRepo/

nothing added to commit but untracked files present

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (master)

$ ga athili

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (master)

$ alias gac="git commit -a -m"

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (master)

$ gc "addd n commit"

[master d2afd81] addd n commit

1 file changed, 0 insertions(+), 0 deletions(-)

create mode 100644 athili

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (master)

$ alias gp="git pull"

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (master)

$ gp https://github.com/Narasimha1Reddy/projects.git

warning: no common commits

remote: Counting objects: 8, done.

remote: Compressing objects: 100% (5/5), done.

remote: Total 8 (delta 1), reused 4 (delta 0), pack-reused 0

Unpacking objects: 100% (8/8), done.

From https://github.com/Narasimha1Reddy/projects

\* branch HEAD -> FETCH\_HEAD

fatal: refusing to merge unrelated histories

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (master)

$ git merge master

Already up-to-date.

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (master)

$ alias gpush="git push"

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (master)

$ gpush origin master

Counting objects: 4, done.

Delta compression using up to 4 threads.

Compressing objects: 100% (4/4), done.

Writing objects: 100% (4/4), 488 bytes | 0 bytes/s, done.

Total 4 (delta 1), reused 0 (delta 0)

remote: Resolving deltas: 100% (1/1), done.

To https://github.com/Narasimha1Reddy/athili-GitRepo.git

cf6e740..d2afd81 master -> master

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (master)

$

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (master)

$ alias gl="git log"

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (master)

$ gl

commit d2afd81a1afe0b2b71b173ebb817f103bf1073b5 (HEAD -> master, origin/master, origin/HEAD)

Author: athili <bandlapalli.narasimha@gmail.com>

Date: Fri Feb 2 03:08:37 2018 +0530

addd n commit

commit 5d3469e59942f41456c278b84caeb560e238a01b

Author: athili <bandlapalli.narasimha@gmail.com>

Date: Fri Feb 2 03:07:27 2018 +0530

commit

commit cf6e74079bfb8c04bb43f25fcd26cc560094db44 (origin/freshthing)

Author: athili <bandlapalli.narasimha@gmail.com>

Date: Fri Feb 2 02:57:28 2018 +0530

giles

commit 226c02d0fd09d7ac97f64374134ffcfdd552ff9f

Author: athili <bandlapalli.narasimha@gmail.com>

Date: Thu Feb 1 04:03:58 2018 +0530

edited mail

commit 4f48edbf559ab095d80c248589d0b73586f7ab41

Author: Narasimha1Reddy <30275362+Narasimha1Reddy@users.noreply.github.com>

Date: Thu Feb 1 03:22:47 2018 +0530

Initial commit

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (master)

$ alias gb="git branch"

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (master)

$ gb

\* master

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (master)

$ alias gch="git checkout"

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (master)

$ gch -b branch

Switched to a new branch 'branch'

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (branch)

$ alias gls="git ls-files"

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (branch)

$ gls

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hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (branch)

$ alias gd="git diff"

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (branch)

$ gd

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (branch)

$ echo narasimha >> narasimha

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (branch)

$ gd

warning: LF will be replaced by CRLF in narasimha.

The file will have its original line endings in your working directory.

**diff --git a/narasimha b/narasimha**

**index e69de29..9a02683 100644**

**--- a/narasimha**

**+++ b/narasimha**

@@ -0,0 +1 @@

+narasimha

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (branch)

$

$ touch gt

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (branch)

$ git ls-files

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hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (branch)

$ git add gt

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (branch)

$ git ls-files

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hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (branch)

$ git reset head gt

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (branch)

$ git ls-files

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hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (branch)

$

$ git log -p athili

commit d2afd81a1afe0b2b71b173ebb817f103bf1073b5 (HEAD -> branch, origin/master, origin/HEAD, master)

Author: athili <bandlapalli.narasimha@gmail.com>

Date: Fri Feb 2 03:08:37 2018 +0530

addd n commit

**diff --git a/athili b/athili**

**new file mode 100644**

**index 0000000..e69de29**

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (branch)

$ git ls-files

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hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (branch)

$ git rm athili

rm 'athili'

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (branch)

$ git ls-files

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hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (branch)

$ git rm --cached mail

rm 'mail'

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (branch)

$ git ls-files

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hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (branch)

$ ls

athili-GitRepo/ giles gt mail narasimha README.md

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (branch)

$

$ git pull https://github.com/Narasimha1Reddy/Prod.git

warning: no common commits

remote: Counting objects: 10, done.

remote: Compressing objects: 100% (6/6), done.

remote: Total 10 (delta 0), reused 6 (delta 0), pack-reused 0

Unpacking objects: 100% (10/10), done.

From https://github.com/Narasimha1Reddy/Prod

\* branch HEAD -> FETCH\_HEAD

fatal: refusing to merge unrelated histories

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (branch)

$ git pull https://github.com/Narasimha1Reddy/Prod.git

warning: no common commits

remote: Counting objects: 13, done.

remote: Compressing objects: 100% (8/8), done.

remote: Total 13 (delta 1), reused 5 (delta 0), pack-reused 0

Unpacking objects: 100% (13/13), done.

From https://github.com/Narasimha1Reddy/Prod

\* branch HEAD -> FETCH\_HEAD

fatal: refusing to merge unrelated histories

hwxpoc@WIHCPU04926 MINGW64 ~/git/prod/athili-GitRepo (branch)

$