lanje@Harsh MINGW64 ~ (master)

$ git --version

git version 2.37.3.windows.1

lanje@Harsh MINGW64 ~ (master)

$ git config --global user.name

Harsh

lanje@Harsh MINGW64 ~ (master)

$ git config --global user.email

harshlanjewar06@gmail.com

lanje@Harsh MINGW64 ~ (master)

$ cd D:/

lanje@Harsh MINGW64 /d

$ mkdir Git

lanje@Harsh MINGW64 /d

$ cd Git

lanje@Harsh MINGW64 /d/Git

$ git init

Initialized empty Git repository in D:/Git/.git/

lanje@Harsh MINGW64 /d/Git (master)

$ ls

lanje@Harsh MINGW64 /d/Git (master)

$ ls -a

./ ../ .git/

lanje@Harsh MINGW64 /d/Git (master)

$ ls .git

HEAD config description hooks/ info/ objects/ refs/

lanje@Harsh MINGW64 /d/Git (master)

$ touch data.txt

lanje@Harsh MINGW64 /d/Git (master)

$ git status

On branch master

No commits yet

Untracked files:

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

data.txt

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

lanje@Harsh MINGW64 /d/Git (master)

$ git add names.txt

fatal: pathspec 'names.txt' did not match any files

lanje@Harsh MINGW64 /d/Git (master)

$ git add data.txt

lanje@Harsh MINGW64 /d/Git (master)

$ gti status

bash: gti: command not found

lanje@Harsh MINGW64 /d/Git (master)

$ git status

On branch master

No commits yet

Changes to be committed:

(use "git rm --cached <file>..." to unstage)

new file: data.txt

lanje@Harsh MINGW64 /d/Git (master)

$ git commit -m "data.txt file added"

[master (root-commit) d48444f] data.txt file added

1 file changed, 2 insertions(+)

create mode 100644 data.txt

lanje@Harsh MINGW64 /d/Git (master)

$ git status

On branch master

nothing to commit, working tree clean

lanje@Harsh MINGW64 /d/Git (master)

$ git log

commit d48444f39b378de71e7706d28fbd1ad63b9c6f39 (HEAD -> master)

Author: Harsh <harshlanjewar06@gmail.com>

Date: Sun Sep 11 22:50:10 2022 +0530

data.txt file added

lanje@Harsh MINGW64 /d/Git (master)

$ git status

On branch master

Changes not staged for commit:

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

(use "git restore <file>..." to discard changes in working directory)

modified: data.txt

no changes added to commit (use "git add" and/or "git commit -a")

lanje@Harsh MINGW64 /d/Git (master)

$ git add .

lanje@Harsh MINGW64 /d/Git (master)

$ git status

On branch master

Changes to be committed:

(use "git restore --staged <file>..." to unstage)

modified: data.txt

lanje@Harsh MINGW64 /d/Git (master)

$ git commit -m "data.txt file modified"

[master baa6675] data.txt file modified

1 file changed, 2 insertions(+), 1 deletion(-)

lanje@Harsh MINGW64 /d/Git (master)

$ git log

commit baa6675c888301435cbe656b240ee8660f20df4b (HEAD -> master)

Author: Harsh <harshlanjewar06@gmail.com>

Date: Sun Sep 11 23:45:10 2022 +0530

data.txt file modified

commit d48444f39b378de71e7706d28fbd1ad63b9c6f39

Author: Harsh <harshlanjewar06@gmail.com>

Date: Sun Sep 11 22:50:10 2022 +0530

data.txt file added

lanje@Harsh MINGW64 /d/Git (master)

$ git checkout d48444f39b378de71e7706d28fbd1ad63b9c6f39

Note: switching to 'd48444f39b378de71e7706d28fbd1ad63b9c6f39'.

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 switching back to a branch.

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

do so (now or later) by using -c with the switch command. Example:

git switch -c <new-branch-name>

Or undo this operation with:

git switch -

Turn off this advice by setting config variable advice.detachedHead to false

HEAD is now at d48444f data.txt file added

lanje@Harsh MINGW64 /d/Git ((d48444f...))

$ git checkout master

Previous HEAD position was d48444f data.txt file added

Switched to branch 'master'

lanje@Harsh MINGW64 /d/Git (master)

$ git branch

\* master

lanje@Harsh MINGW64 /d/Git (master)

$ git log

commit baa6675c888301435cbe656b240ee8660f20df4b (HEAD -> master)

Author: Harsh <harshlanjewar06@gmail.com>

Date: Sun Sep 11 23:45:10 2022 +0530

data.txt file modified

commit d48444f39b378de71e7706d28fbd1ad63b9c6f39

Author: Harsh <harshlanjewar06@gmail.com>

Date: Sun Sep 11 22:50:10 2022 +0530

data.txt file added

lanje@Harsh MINGW64 /d/Git (master)

$ git branch dev

lanje@Harsh MINGW64 /d/Git (master)

$ git branch

dev

\* master

lanje@Harsh MINGW64 /d/Git (master)

$ git checkout dev

Switched to branch 'dev'

lanje@Harsh MINGW64 /d/Git (dev)

$ git branch

\* dev

master

lanje@Harsh MINGW64 /d/Git (dev)

$ touch info.txt

lanje@Harsh MINGW64 /d/Git (dev)

$ cat info.txt

Hello Git Users

lanje@Harsh MINGW64 /d/Git (dev)

$ git status

On branch dev

Untracked files:

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

info.txt

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

lanje@Harsh MINGW64 /d/Git (dev)

$ git add .

lanje@Harsh MINGW64 /d/Git (dev)

$ git commit -m "info.txt file is added"

[dev 1c0e379] info.txt file is added

1 file changed, 1 insertion(+)

create mode 100644 info.txt

lanje@Harsh MINGW64 /d/Git (dev)

$ git log

commit 1c0e379760b56116906e6450380e6e89bc1746c0 (HEAD -> dev)

Author: Harsh <harshlanjewar06@gmail.com>

Date: Sun Sep 11 23:56:08 2022 +0530

info.txt file is added

commit baa6675c888301435cbe656b240ee8660f20df4b (master)

Author: Harsh <harshlanjewar06@gmail.com>

Date: Sun Sep 11 23:45:10 2022 +0530

data.txt file modified

commit d48444f39b378de71e7706d28fbd1ad63b9c6f39

Author: Harsh <harshlanjewar06@gmail.com>

Date: Sun Sep 11 22:50:10 2022 +0530

data.txt file added

lanje@Harsh MINGW64 /d/Git (dev)

$ git checkout master

Switched to branch 'master'

lanje@Harsh MINGW64 /d/Git (master)

$ git checkout dev

Switched to branch 'dev'

lanje@Harsh MINGW64 /d/Git (dev)

$ git merge master

Already up to date.

lanje@Harsh MINGW64 /d/Git (dev)

$ git checkout master

Switched to branch 'master'

lanje@Harsh MINGW64 /d/Git (master)

$ git checkout dev

Switched to branch 'dev'

lanje@Harsh MINGW64 /d/Git (dev)

$ git merge dev

Already up to date.

lanje@Harsh MINGW64 /d/Git (dev)

$ git checkout master

Switched to branch 'master'

lanje@Harsh MINGW64 /d/Git (master)

$ git log

commit baa6675c888301435cbe656b240ee8660f20df4b (HEAD -> master)

Author: Harsh <harshlanjewar06@gmail.com>

Date: Sun Sep 11 23:45:10 2022 +0530

data.txt file modified

commit d48444f39b378de71e7706d28fbd1ad63b9c6f39

Author: Harsh <harshlanjewar06@gmail.com>

Date: Sun Sep 11 22:50:10 2022 +0530

data.txt file added

lanje@Harsh MINGW64 /d/Git (master)

$ git merge dev

Updating baa6675..1c0e379

Fast-forward

info.txt | 1 +

1 file changed, 1 insertion(+)

create mode 100644 info.txt

lanje@Harsh MINGW64 /d/Git (master)

$ git log

commit 1c0e379760b56116906e6450380e6e89bc1746c0 (HEAD -> master, dev)

Author: Harsh <harshlanjewar06@gmail.com>

Date: Sun Sep 11 23:56:08 2022 +0530

info.txt file is added

commit baa6675c888301435cbe656b240ee8660f20df4b

Author: Harsh <harshlanjewar06@gmail.com>

Date: Sun Sep 11 23:45:10 2022 +0530

data.txt file modified

commit d48444f39b378de71e7706d28fbd1ad63b9c6f39

Author: Harsh <harshlanjewar06@gmail.com>

Date: Sun Sep 11 22:50:10 2022 +0530

data.txt file added

lanje@Harsh MINGW64 /d/Git (master)

$ touch secret.txt

lanje@Harsh MINGW64 /d/Git (master)

$ git status

On branch master

Untracked files:

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

secret.txt

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

lanje@Harsh MINGW64 /d/Git (master)

$ git add .

lanje@Harsh MINGW64 /d/Git (master)

$ git status

On branch master

Changes to be committed:

(use "git restore --staged <file>..." to unstage)

new file: secret.txt

lanje@Harsh MINGW64 /d/Git (master)

$ touch .gitignore

lanje@Harsh MINGW64 /d/Git (master)

$ git status

On branch master

Changes to be committed:

(use "git restore --staged <file>..." to unstage)

new file: secret.txt

Untracked files:

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

.gitignore

lanje@Harsh MINGW64 /d/Git (master)

$ cd gitignore

bash: cd: gitignore: No such file or directory

lanje@Harsh MINGW64 /d/Git (master)

$ git status

On branch master

Changes to be committed:

(use "git restore --staged <file>..." to unstage)

new file: secret.txt

Untracked files:

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

.gitignore

lanje@Harsh MINGW64 /d/Git (master)

$ git rm --cached secret.txt

rm 'secret.txt'

lanje@Harsh MINGW64 /d/Git (master)

$ git commit -m "Start ignoring secret.txt"

On branch master

Untracked files:

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

.gitignore

secret.txt

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

lanje@Harsh MINGW64 /d/Git (master)

$ git status

On branch master

Untracked files:

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

.gitignore

secret.txt

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

lanje@Harsh MINGW64 /d/Git (master)

$ ^[[200~git rm -rf --cached .

bash: $'\E[200~git': command not found