

```
MINGW64/c/[git-master]/repo-sync

qkrdl@DESKTOP-IO7MCK4 MINGW64 /c/master (main)
$ cd ..

qkrdl@DESKTOP-IO7MCK4 MINGW64 /c
$ git init [git-master]
Reinitialized existing Git repository in c:/[git-master]/.git/

qkrdl@DESKTOP-IO7MCK4 MINGW64 /c
$ cd [git-master]

qkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master] (main)
$ git clone https://github.com/youngwoo28/repo-sync.git
Cloning into 'repo-sync'...
remote: Enumerating objects: 6, done.
remote: Counting objects: 100% (6/6), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 6 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (6/6), done.

qkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master] (main)
$ ls
basic/  gbrch/  gfile/  gtag/  repo-sync/

qkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master] (main)
$ cd repo-sync

qkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/repo-sync (main)
$ git remote
origin

qkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/repo-sync (main)
$ git remote -v
origin https://github.com/youngwoo28/repo-sync.git (fetch)
origin https://github.com/youngwoo28/repo-sync.git (push)

qkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/repo-sync (main)
$
```

The screenshot shows a Windows desktop environment. In the background, a web browser displays the GitHub repository page for 'youngwoo28 / repo-sync'. The repository has a README file and a file named 'hello.md' added 2 minutes ago. The repository description is '지역 저장소 연동' (Local storage synchronization) and '지역 저장소로 저장' (Save to local storage). The repository has 4 commits and 0 forks.

In the foreground, a terminal window shows the following commands and output:

```
qkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/repo-sync (main)
$ echo aaa > hello.md

qkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/repo-sync (main)
$ git add hello.md

qkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/repo-sync (main)
$ git commit -m A
[main 4b9ad00] A
1 file changed, 1 insertion(+)
create mode 100644 hello.md

qkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/repo-sync (main)
$ git push
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 270 bytes | 270.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/youngwoo28/repo-sync.git
c1279e3..4b9ad00  main -> main

qkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/repo-sync (main)
$
```

```
MINGW64/c/[git-master]/repo-sync
qkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/repo-sync (main)
$ git remote show origin
* remote origin
Fetch URL: https://github.com/youngwoo28/repo-sync.git
Push URL: https://github.com/youngwoo28/repo-sync.git
HEAD branch: main
Remote branch:
main tracked
Local branch configured for 'git pull':
main merges with remote main
Local ref configured for 'git push':
main pushes to main (local out of date)

qkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/repo-sync (main)
$ git pull
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), 713 bytes | 39.00 KiB/s, done.
From https://github.com/youngwoo28/repo-sync
4b9ad00..10da3dc main -> origin/main
Updating 4b9ad00..10da3dc
Fast-forward
 README.md | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

qkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/repo-sync (main)
$ cat README.md
# repo-sync
원 격 저 장 소 연 등

# 지 역 저 장 소 로 저 장

qkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/repo-sync (main)
$ |
```

```
MINGW64/c/[git-master]/repo-sync
qkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/repo-sync (main)
$ git fetch
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), 678 bytes | 33.00 KiB/s, done.
From https://github.com/youngwoo28/repo-sync
10da3dc..12acd33 main -> origin/main

qkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/repo-sync (main)
$ git log -oneline --graph --all
fatal: unrecognized argument: -oneline

qkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/repo-sync (main)
$ git log --oneline --graph --all
* 12acd33 (origin/main, origin/HEAD) Update hello.md
* 10da3dc (HEAD -> main) Update README.md
* 4b9ad00 A
* c1279e3 Update README.md
* 682b5c2 Initial commit

qkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/repo-sync (main)
$ git diff main origin/main
diff --git a/hello.md b/hello.md
index 72943a1..679ccd 100644
--- a/hello.md
+++ b/hello.md
@@ -1,2 @@
aaa
+## push와 pull

qkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/repo-sync (main)
$ |
```

```
MINGW64: c/[git-master]/repo-sync
qkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/repo-sync (main)
$ cat hello.md
aaa

qkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/repo-sync (main)
$ git switch origin/main
fatal: a branch is expected, got remote branch 'origin/main'
hint: If you want to detach HEAD at the commit, try again with the --det
ach option.

qkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/repo-sync (main)
$ git checkout origin/main
Note: switching to 'origin/main'.

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 thi
s
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 f
alse

HEAD is now at 12acd33 Update hello.md

qkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/repo-sync ((12acd33...))
$ cat hello.md
aaa
## push와 pull

qkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/repo-sync ((12acd33...))
$
```

```
MINGW64: c/[git-master]/repo-sync
qkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/repo-sync ((12acd33...))
$ git log --oneline --graph --all
* 12acd33 (HEAD, origin/main, origin/HEAD) Update hello.md
* 10da3dc (main) Update README.md
* 4b9ad00 A
* c1279e3 Update README.md
* 682b5c2 Initial commit

qkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/repo-sync ((12acd33...))
$ git swith -d origin/main
git: 'swith' is not a git command. See 'git --help'.

The most similar command is
    switch

qkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/repo-sync ((12acd33...))
$ git switch -d origin/main
HEAD is now at 12acd33 Update hello.md

qkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/repo-sync ((12acd33...))
$ git switch -
Previous HEAD position was 12acd33 Update hello.md
Switched to branch 'main'
Your branch is behind 'origin/main' by 1 commit, and can be fast-forward
ed.
(use "git pull" to update your local branch)

qkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/repo-sync (main)
$ git log --oneline --graph --all
* 12acd33 (origin/main, origin/HEAD) Update hello.md
* 10da3dc (HEAD -> main) Update README.md
* 4b9ad00 A
* c1279e3 Update README.md
* 682b5c2 Initial commit

qkrdl@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/repo-sync (main)
$ |
```

```
MINGW64:/c/[git-master]/repo-sync
qkrd1@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/repo-sync (main)
$ git merge origin/main
Updating 10da3dc..12acd33
Fast-forward
 hello.md | 1 +
 1 file changed, 1 insertion(+)

qkrd1@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/repo-sync (main)
$ git log --oneline --graph --all
* 12acd33 (HEAD -> main, origin/main, origin/HEAD) Update hello.md
* 10da3dc Update README.md
* 4b9ad00 A
* c1279e3 Update README.md
* 682b5c2 Initial commit

qkrd1@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/repo-sync (main)
$ cat hello.md
aaa
## push와 pull

qkrd1@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/repo-sync (main)
$ git diff main origin/main
fatal: ambiguous argument 'origin/main': unknown revision or path not in
the working tree.
Use '--' to separate paths from revisions, like this:
'git <command> [<revision>...] -- [<file>...]'

qkrd1@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/repo-sync (main)
$ git diff main origin/main

qkrd1@DESKTOP-IO7MCK4 MINGW64 /c/[git-master]/repo-sync (main)
$ |
```