

git checkout

```
git checkout <branch>
```

Restore working tree files

```
git restore <FILE_PATH>
```

Git Merge Conflicts

```
<<<<<< HEAD
your current branch's version of
the code
=====
incoming branch's version of the
code
>>> >>>> incomi ng- bra nch -
name
```

When Git cannot automatically merge two versions of a file it inserts conflict markers directly into the file.

Everything between <<<<<< HEAD and ===== is your current branch's version.

Everything between ===== and >>>>>> branch-name is the incoming branch's version.

To resolve, delete the markers and keep whichever version (or combination) is correct.

git config

```
git config --global user.name
"Your Name" # set global
username
git config --global user.email
" you @em ail.co m" # set global
email
git config --local user.name
"Work Name" # override for this
repo only
git config --list # show all
current settings
git config user.name # show a
specific setting
```

Sets configuration options for Git at different scopes.

--global applies to all repositories for the current user, --local applies only to the current repository.

Stored in ~/.gitconfig for global and .git/c- onfig for local.

git reflog

```
git reflog
```

git fetch

```
git fetch <branch-name>
```

git fetch downloads commits, branches, and tags from a remote repository into your local repo — but does not modify your working directory or current branch.



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