

1 Installing on Linux

I remember that you are on a Ubuntu distribution, you can install git on you computer with the following command:

```
1 \ $ sudo apt install git-all
```

2 Cloning a Project from a Remote Repo

You can copy the PDE project from the remote repository at the below link with the following cml command: <https://github.com/LiuBohi/pde.git>

```
1 \ $ git clone <remote-url> <working-directory-name>
```

3 Routine workflow: "Edit/Stage/Commit/Push" Cycle

You can edit your files as usual, which produces "unstaged" file changes. Stage file changes, which produces "Staged" file changes.

```
1 \ $ git add <file> # for new and modified files
2 \ $ git rm <file> # for deleted files
3 \ $ git mv <old-file-name> <new-file-name> # for renamed files
4
5 \ $ git commit -m "<your message>" # commit all staged file changes
6
7 \ $ git push <remote-name> <local-branch-name> # Push
```

Or you can stage all files with changes

```
1 \ $ git add --all
2 \ $ git commit -m "<your message>"
3 \ $ git push
```

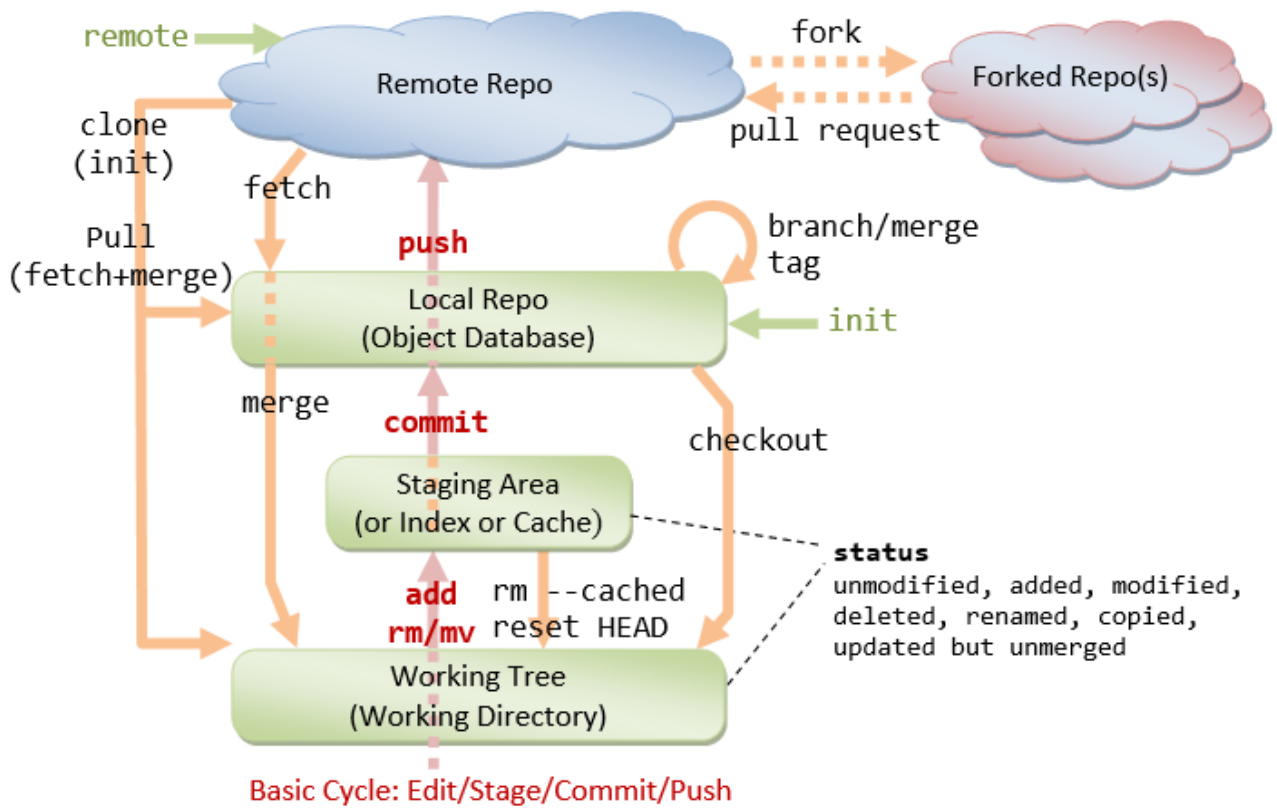


Figure 1: Git Workflow