

GitLab bash commands useful

While collaboration, you may need to pull, commit, and push in CLI. Followings are bash scripts I use in my system.

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Fetch all the source codes in the current repository

git_fetch.sh

```
#!/bin/bash
sudo -u apache git branch --set-upstream-to=origin/master master
sudo -u apache git fetch --all
sudo -u apache git pull
```

Pull in the current repository

git_pull.sh

```
#!/bin/bash
sudo -u apache git branch --set-upstream-to=origin/master master
sudo -u apache git pull
```

Fetch codes and Merge in the current repository

git_merge.sh

```
#!/bin/bash
sudo -u apache git branch --set-upstream-to=origin/master master
sudo -u apache git fetch --all
sudo -u apache git merge origin master
```

Commit codes in the current working directory

git_commit.sh

```
#!/bin/bash
echo Please input your commit message below \ (blank to put as "bug fix"\)
read commit
sudo -u git branch --set-upstream-to=origin/master master
sudo -u apache git pull
sudo -u apache git add .
if [ ! "$commit" ]; then
    sudo -u apache git commit -m "bug fix"
else
    sudo -u apache git commit -m "$commit"
fi
sudo -u apache git push
sudo -u apache git pull
```

Clean codes in the current working directory

git_clean.sh

```
#!/bin/bash
echo Please input your clean up message below \ (blank to put as "clean up commit messages"\)
read commit
sudo -u apache git branch --set-upstream-to=origin/master master
sudo -u apache git checkout --orphan latest_branch
sudo -u apache git add -A
if [ ! "$commit" ]; then
    sudo -u apache git commit -am "clean up commit messages"
else
    sudo -u apache git commit -am "$commit"
fi
sudo -u apache git branch -D master
sudo -u apache git branch -m master
sudo -u apache git push -f origin master
```