

Git

Tags

git tag -a v0.1 -m "tagname"

git tag v0.1

Delete

git tag -d v0.1

Branch

Create branch

git branch stage

Check what branch you are in

git status

git log --oneline --decorate

git branch -a

Switch branches or restore working tree files.

git checkout stage

push changes

git add .

git commit -m "blablabla"

git push -u origin stage

Merge

Change branch to master

git checkout master

Merge

git merge stage

Delete local

git branch -d stage

Delete remote

git push --delete origin stage

Merge conflicts

git status

FIND CONFLICT & FIX

git add .

git commit -m "blablabla"

git merge stage

Create a branch based off of master

git checkout -b stage master

Edit files

git commit -a -m "Adds new feature"

git checkout master

git rebase stage

Revert

git revert HEAD

or find a commit has with

git log --oneline --decorate

git revert

Git log

git log

git log --graph

git log --since="4 days ago"

git log -S

git log --stat

git log --shortstat

git log --pretty=format:"%h - %an - %ar - %s"

See diff before commit

Git diff

Remote

git remote show origin

Cleaning

git gc --prune

git gc --auto

git config gc.pruneexpire "30 Days"

Add new repo

```
git config --global user.name "username"
git config --global user.email "email@email.com"
```

Create a new repository

```
git clone http://git.myhypervisor.ca/myhypervisor/project.git
cd project
touch README.md
git add README.md
git commit -m "add README"
git push -u origin master
```

Existing folder

```
cd existing_folder
git init
git remote add origin http://git.myhypervisor.ca/myhypervisor/project.git
git add .
git commit -m "Initial commit"
git push -u origin master
```

Existing Git repository

```
cd existing_repo
git remote rename origin old-origin
git remote add origin http://git.myhypervisor.ca/myhypervisor/project.git
git push -u origin --all
git push -u origin --tags
```

