

Table of Contents

GUI	1
Init	1
Init repository and push it to origin	1
Revert one Commit	1
Revert to Commit	1
Show last changes	1
Discard local changes	1
Show remote repositories	2
Create patch	2
Apply patch	2
Change last revision	2
Merge	2
Remove sensitive informations	3
Cherry Pick External Repo	3

GUI

<https://gitea.io/en-us/>

Init

```
1. Sign on to SSH as root: ssh root@your_nas_ip
2. Create the folder for your repository: mkdir /opt/git/what_ever && cd
/opt/git/what_ever
3. Initialise the repository: git - bare init
4. Exit SSH (exit)
5. Navigate to the local git project folder: cd projects/etc
6. git init + Add the remote repo: git remote add origin
ssh://root@your_nas_ip/opt/git/what_ever
7. Populate the remote repository: git push origin master (using your admin password)."
```

Init repository and push it to origin

```
echo "# kingdom-msm8974" >> README.md
git init
git add README.md
git commit -m "first commit"
git remote add origin https://github.com/janforman/kingdom-msm8974.git
git push -u origin master
```

Revert one Commit

```
git revert <commit hash>
```

Revert to Commit

```
git checkout <commit hash>
```

Show last changes

```
git show
```

Discard local changes

```
git reset --hard
```

```
git add .
git stash
```

```
git checkout <some branch>
```

```
Cloning our fork
$ git clone git clone git@github.com:ifad/rest-client.git

# Adding (as "endel") the repo from we want to cherry-pick
$ git remote add endel git://github.com/endel/rest-client.git

# Fetch their branches
$ git fetch endel

# List their commits
$ git log endel/master

# Cherry-pick the commit we need
$ git cherry-pick 97fedac

git push repository name

git remote add other https://example.link/repository.git
git fetch other
```

Show remote repositories

```
git remote -v
```

Create patch

```
git format-patch -1 HEAD
```

Apply patch

```
git apply yourcoworkers.patch
```

```
git clone url
```

Change last revision

```
git commit -m 'initial commit'
git add forgotten_file
git commit --amend
```

Merge

```
git fetch upstream
$ git checkout master
$ git merge upstream/master
$ git push
```

Remove sensitive informations

```
bfg --delete-files YOUR-FILE-WITH-SENSITIVE-DATA
```

```
bfg --replace-text passwords.txt
```

Cherry Pick External Repo

```
git fetch <remote-git-url> <branch> && git cherry-pick FETCH_HEAD  
git fetch <remote-git-url> <branch> && git cherry-pick HASH
```

[GIT visual guide](#)

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