

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** 2
- Discard local changes** 2
- Show remote repositories** 2
- Create patch** 2
- Apply patch** 3
- Change last revision** 3
- Merge** 3
- 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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