

Gitignore

centosyum install git -y
ubuntuapt install git -y
window <https://git-scm.com/downloads>
Mac <https://git-scm.com/downloads>

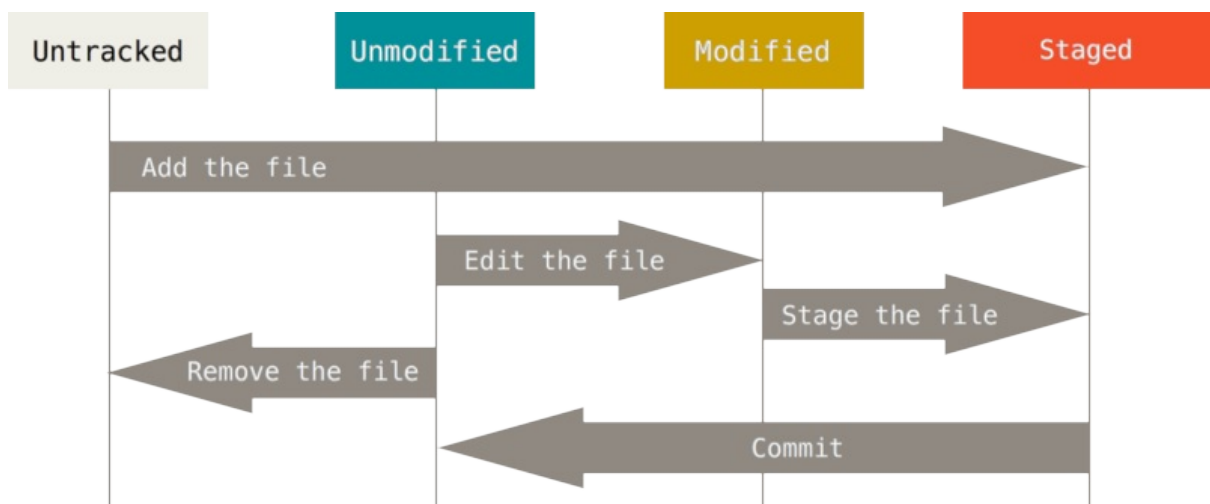
Git

Git Git
git config --global user.email "you@example.com"
git config --global user.name "Your Name"
--global Git
--global

```
root@DESKTOP-33IBDMI:/mnt/e/git# git config --list  
user.email=yx@qq.com  
user.name=yx  
core.repositoryformatversion=0  
core.filemode=false  
core.bare=false  
core.logallrefupdates=true
```

Git

Git



-()->Untracked
add()->Staged
commit()->Unmodified
Unmodified()-> modified

Git

```
git --help #git
```

```
git [command] --help #git init --help
```

```
git init # .git git clone
```

```
git add . #*
```

```
root@DESKTOP-33IBDMI:/mnt/e/git# touch 1.txt
root@DESKTOP-33IBDMI:/mnt/e/git# ls
1.txt
root@DESKTOP-33IBDMI:/mnt/e/git# git add 1.txt
```

```
git status #git
```

```
root@DESKTOP-33IBDMI:/mnt/e/git# git status
On branch master
Changes to be committed:
  (use "git reset HEAD <file>..." to unstage)

    new file:   1.txt
```

```
git commit -m "" #
-m, , commit
```

```
root@DESKTOP-33IBDMI:/mnt/e/git# git commit -m "add 1.txt"
[master c42772f] add 1.txt
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 1.txt
```

```
git rm --cache [] #
```

```

root@DESKTOP-33IBDMI:/mnt/e/git# touch 2.txt
root@DESKTOP-33IBDMI:/mnt/e/git# git add 2.txt
root@DESKTOP-33IBDMI:/mnt/e/git# git rm --cache 2.txt
rm '2.txt'
root@DESKTOP-33IBDMI:/mnt/e/git# git status
On branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)

        2.txt

nothing added to commit but untracked files present (use "git add" to track)

```

```

git rm []                #commit
rm []                    #committa

```

```

root@DESKTOP-33IBDMI:/mnt/e/git# git rm 1.txt
rm '1.txt'
root@DESKTOP-33IBDMI:/mnt/e/git# git commit -m "rm 1.txt"
[master 1bef8f7] rm 1.txt
1 file changed, 0 insertions(+), 0 deletions(-)
delete mode 100644 1.txt
root@DESKTOP-33IBDMI:/mnt/e/git# rm 2.txt
root@DESKTOP-33IBDMI:/mnt/e/git# git commit -m "rm 2.txt"
On branch master
Changes not staged for commit:
  deleted:    2.txt
no changes added to commit
root@DESKTOP-33IBDMI:/mnt/e/git# rm 2.txt
root@DESKTOP-33IBDMI:/mnt/e/git# git commit -am "dele 2.txt"
[master 9a40f23] dele 2.txt
1 file changed, 0 insertions(+), 0 deletions(-)
delete mode 100644 2.txt

```

```

git checkout []          #
git checkout [] []       #

```

```

root@DESKTOP-33IBDMI:/mnt/e/git# touch 11.txt
root@DESKTOP-33IBDMI:/mnt/e/git# ls
11.txt
root@DESKTOP-33IBDMI:/mnt/e/git# cat 11.txt
root@DESKTOP-33IBDMI:/mnt/e/git# git add 11.txt

```

```
root@DESKTOP-33IBDMI:/mnt/e/git# git commit -m "add 11.txt"
[master ef5b5ee] add 11.txt
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 11.txt
root@DESKTOP-33IBDMI:/mnt/e/git# echo 1111 >11.txt
root@DESKTOP-33IBDMI:/mnt/e/git# cat 11.txt
1111
root@DESKTOP-33IBDMI:/mnt/e/git# git checkout 11.txt
root@DESKTOP-33IBDMI:/mnt/e/git# cat 11.txt
root@DESKTOP-33IBDMI:/mnt/e/git#
```

git

1

2

3bugbug

```
root@DESKTOP-33IBDMI:/mnt/e/git# git branch dev
```

```
root@DESKTOP-33IBDMI:/mnt/e/git# git branch
```

```
dev
```

```
* master
```

```
root@DESKTOP-33IBDMI:/mnt/e/git# git branch -d dev
```

```
root@DESKTOP-33IBDMI:/mnt/e/git# git branch
```

```
bug
```

```
* master
```

```
root@DESKTOP-33IBDMI:/mnt/e/git# git branch -m bug dev #bugdev
```

```
root@DESKTOP-33IBDMI:/mnt/e/git# git branch
```

```
dev
```

```
* master
```

```
root@DESKTOP-33IBDMI:/mnt/e/git# git branch
```

```

    dev
* master
root@DESKTOP-33IBDMI:/mnt/e/git# git checkout dev          #dev
Switched to branch 'dev'
root@DESKTOP-33IBDMI:/mnt/e/git# git branch
* dev
  master

```

commit -f

```

root@DESKTOP-33IBDMI:/mnt/e/git# git branch
    dev
* master
root@DESKTOP-33IBDMI:/mnt/e/git# ls
11.txt
root@DESKTOP-33IBDMI:/mnt/e/git# git checkout dev
Switched to branch 'dev'
root@DESKTOP-33IBDMI:/mnt/e/git# ls
11.txt
root@DESKTOP-33IBDMI:/mnt/e/git# touch 22.txt
root@DESKTOP-33IBDMI:/mnt/e/git# git add *
root@DESKTOP-33IBDMI:/mnt/e/git# git commit -m "add 22.txt"
[dev 461c95c] add 22.txt
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 22.txt
root@DESKTOP-33IBDMI:/mnt/e/git# ls
11.txt 22.txt
root@DESKTOP-33IBDMI:/mnt/e/git# git checkout master
Switched to branch 'master'
root@DESKTOP-33IBDMI:/mnt/e/git# ls
11.txt

```

```

root@DESKTOP-33IBDMI:/mnt/e/git# git branch
    dev
* master
root@DESKTOP-33IBDMI:/mnt/e/git# git merge dev          #
Updating ef5b5ee..461c95c
Fast-forward
 11.txt | 1 +
 22.txt | 0
 2 files changed, 1 insertion(+)
 create mode 100644 22.txt
root@DESKTOP-33IBDMI:/mnt/e/git# ls

```


11.txt 22.txt

masterdevamasteramastermerge dev
git diff --name-only --diff-filter=U

Git diff

1
2

```
root@DESKTOP-33IBDMI:/mnt/e/git# cat 22.txt
sdfsd
root@DESKTOP-33IBDMI:/mnt/e/git# echo werwer >>22.txt
root@DESKTOP-33IBDMI:/mnt/e/git# git add 22.txt
root@DESKTOP-33IBDMI:/mnt/e/git# echo lkkll >>22.txt
root@DESKTOP-33IBDMI:/mnt/e/git# git diff
diff --git a/22.txt b/22.txt
index aa41325..9d15487 100644
--- a/22.txt
+++ b/22.txt
@@ -1,2 +1,3 @@
sdfsd
werwer
+lkkll
```

```
root@DESKTOP-33IBDMI:/mnt/e/git# git diff --staged
diff --git a/22.txt b/22.txt
index e69de29..aa41325 100644
--- a/22.txt
+++ b/22.txt
@@ -0,0 +1,2 @@
+sdfsd
+werwer
root@DESKTOP-33IBDMI:/mnt/e/git# git commit -m "s w"
```

```
root@DESKTOP-33IBDMI:/mnt/e/git# git diff HEAD 22.txt
.txt
diff --git a/22.txt b/22.txt
index aa41325..d05c57f 100644
--- a/22.txt
+++ b/22.txt
```

```
@@ -1,2 +1,4 @@
```

```
sdfsd
```

```
werwer
```

```
+lkkll
```

```
+sdfklkj
```

```
root@DESKTOP-33IBDMI:/mnt/e/git# git diff dev #dev
```

```
git diff 1 2 #()2 1
```

```
git diff commitid1 commitid2 #
```

```
git diff --stat #
```

Git v1.0

```
root@DESKTOP-33IBDMI:/mnt/e/git# git tag  
v1
```

```
git tag <>  
root@DESKTOP-33IBDMI:/mnt/e/git# git tag v2
```

```
git tag -d <>  
root@DESKTOP-33IBDMI:/mnt/e/git# git tag -d v1  
Deleted tag 'v1' (was 3704cb3)
```

```
git show <>  
root@DESKTOP-33IBDMI:/mnt/e/git# git show v2
```

commit

```
git tag < > <commit id>  
git tag v1 23e8a2a8e5
```

```
git push < > < >
```

```
1git tag -d <>
```

```
2git push <> :refs/tags/<>
```

git

```
root@DESKTOP-33IBDMI:/mnt/e/git# git log
commit 3704cb38321c5903f02f27f6c8982155823cca9d (HEAD -> master, tag: v2
)
Author: yx <yx@qq.com>
Date: Tue Dec 11 16:58:53 2018 +0800

    11.txt
commit 448a8457b555a8b87eba08e999db5b666c8c7205
Author: yx <yx@qq.com>
Date: Tue Dec 11 16:54:44 2018 +0800

    S W
    .....
```

```
git log -3 #3
```

```
git log -p -2 #
```

```
git log --author=yx #yx
```

```
git log --oneline
```

```
git log --graph
```

git logcommit idgit reflog

```
git reset --hard <commit id>
git reset --hard 448a845
```

```
git reset HEAD <>
```

```
root@DESKTOP-33IBDMI:/mnt/e/git# git reset HEAD 11.txt
Unstaged changes after reset:
M    11.txt
```

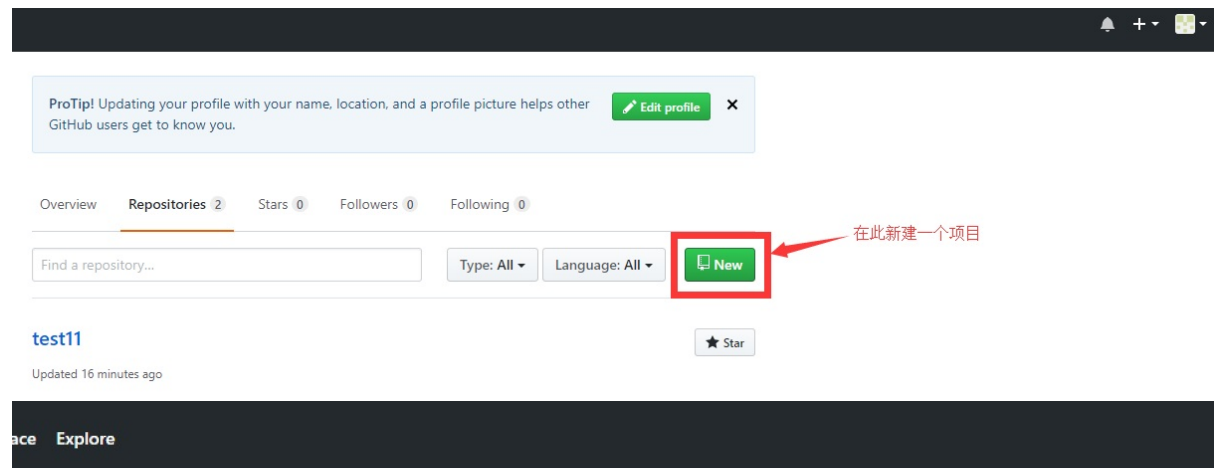
```
git reset HEAD^
=
git reset --mixed HEAD^HEAD
```

```
git reset --hard HEAD^
```

```
git reset --soft HEAD^
```

Github

githubgithub



Create a new repository

A repository contains all the files for your project, including the revision history.

Owner: Idq19 / Repository name: test22 1、填写项目名称

Great repository names are short and memorable. Need inspiration? How about **special-lamp**.

Description (optional):

☒ **Public**
Anyone can see this repository. You choose who can commit.

☐ **Private**
You choose who can see and commit to this repository. 2、选择项目是否开源

☐ **Initialize this repository with a README**
This will let you immediately clone the repository to your computer. Skip this step if you're importing an existing repository.

Add .gitignore: None | Add a license: None i

Create repository 3、创建

ldq19 / test22

Watch 0 Star 0 Fork 0

Code Issues 0 Pull requests 0 Projects 0 Wiki Insights Settings

Quick setup — if you've done this kind of thing before

Set up in Desktop or **HTTPS** SSH

Get started by [creating a new file](#) or [uploading an existing file](#). We recommend every repository include a [README](#), [LICENSE](#), and [.gitignore](#).

...or create a new repository on the command line

```
echo "# test22" >> README.md
git init
git add README.md
git commit -m "first commit"
git remote add origin https://github.com/ldq19/test22.git
git push -u origin master
```

...or push an existing repository from the command line

```
git remote add origin https://github.com/ldq19/test22.git
git push -u origin master
```

...or import code from another repository

You can initialize this repository with code from a Subversion, Mercurial, or TFS project.

[Import code](#)

```
git remote add origin https://github.com/ldq19/test22.git
```

ldq19GitHubSSH KeyoriginGitorigin

```
root@DESKTOP-33IBDMI:/mnt/e/git# git remote -v
object https://github.com/ldq19/test11.git (fetch)
object https://github.com/ldq19/test11.git (push)
origin https://github.com/ldq19/test22.git (fetch)
origin https://github.com/ldq19/test22.git (push)
```

```
git push [remote-name] [branch-name]
git push -u origin master #mastermaster()
git push origin dev #devdev()
```


-umastermastergit push

```
git fetch [remote-name] [branch-name]
git fetch origin //fetchremotemaster
git fetch origin dev //devorigin
fetch
git fetch origin master //origin/master
git fetch origin dev //origin/dev
git log -p master origin/master //masterorigin/master
git log -p dev origin/dev //devorigin/dev
git merge origin/master //origin/master
git merge origin/dev //origin/dev

git remote -v
git pull origin master //origin/master
git pull origin dev //origin/dev
```

```
root@DESKTOP-33IBDMI:/mnt/e/git# git remote show origin #orig
in
* remote origin
Fetch URL: https://github.com/ldq19/test22.git
Push URL: https://github.com/ldq19/test22.git
HEAD branch: master
Remote branch:
master tracked
Local branch configured for 'git pull':
master merges with remote master
Local ref configured for 'git push':
master pushes to master (up to date)
```

```
root@DESKTOP-33IBDMI:/mnt/e/git# git remote -v
object https://github.com/ldq19/test11.git (fetch)
object https://github.com/ldq19/test11.git (push)
origin https://github.com/ldq19/test22.git (fetch)
origin https://github.com/ldq19/test22.git (push)
root@DESKTOP-33IBDMI:/mnt/e/git# git remote rename object oj #oj
root@DESKTOP-33IBDMI:/mnt/e/git# git remote -v
```

```
oj      https://github.com/ldq19/test11.git (fetch)
oj      https://github.com/ldq19/test11.git (push)
origin  https://github.com/ldq19/test22.git (fetch)
origin  https://github.com/ldq19/test22.git (push)
root@DESKTOP-33IBDMI:/mnt/e/git#
```

```
root@DESKTOP-33IBDMI:/mnt/e/git# git remote rm oj
root@DESKTOP-33IBDMI:/mnt/e/git# git remote -v
origin  https://github.com/ldq19/test22.git (fetch)
origin  https://github.com/ldq19/test22.git (push)
```

Gitignore

Gitignore

.gitignore

git

.gitignore

.gitignore

.gitignore

1*.log .log

2123?.log 123

3/error.log error.log

4src/main/test/* /src/main/test/

5**/java/ java

6!/error.log !

.gitignore.gitignore

git rm -r --cached .

git add .

git commit -m 'update .gitignore'

git push -u origin master