# 提交代码上服务器

echo "# test" >> README.md

git init

git add README.md

git commit -m "first commit"

git remote add origin https://github.com/lixhongwu/test.git

git push -u origin master

合并分支

git checkout master 切换分支

git merge develop 合并某个分支到当前分支

git branch –a 查看所有分支

# Git branch 分支

## 查看当前有哪些branch

bixiaopeng@bixiaopengtekiMacBook-Pro xmrobotium$ git branch

\* master

## 新建一个branch xm2.x

bixiaopeng@bixiaopengtekiMacBook-Pro xmrobotium$ git branch xm2.x

## 切换到一个branch

bixiaopeng@bixiaopengtekiMacBook-Pro xmrobotium$ git checkout xm2.x

## 新建并且切换到该branch,例: xm2.x

bixiaopeng@bixiaopengtekiMacBook-Pro xmrobotium$ git checkout -b xm2.x

## 再次查看

bixiaopeng@bixiaopengtekiMacBook-Pro xmrobotium$ git branch

\* master

xm2.x

## 添加一个文件到你的repo

bixiaopeng@bixiaopengtekiMacBook-Pro xmrobotium$ git add bixiaopeng.txt

## 添加所有的文件 git add .

bixiaopeng@bixiaopengtekiMacBook-Pro xmrobotium$ git add .

## commit一个文件

bixiaopeng@bixiaopengtekiMacBook-Pro xmrobotium$ git commit -m "bixiaopeng test case"

## commit到本地

bixiaopeng@bixiaopengtekiMacBook-Pro xmrobotium$ git commit -a -m "xm2.x test case"

[xm2.x f78f430] xm2.x test case

39 files changed, 384 insertions(+)

create mode 100644 AndroidManifest.xml

………….

## 查看几次commit的区别

bixiaopeng@bixiaopengtekiMacBook-Pro xmrobotium$ git diff

## 将branch push到远程

bixiaopeng@bixiaopengtekiMacBook-Pro xmrobotium$ git push origin xm2.x

Counting objects: 78, done.

Delta compression using up to 8 threads.

Compressing objects: 100% (51/51), done.

Writing objects: 100% (77/77), 565.97 KiB, done.

Total 77 (delta 3), reused 0 (delta 0)

remote: To git@mirror.gitlab.\*\*\*\*\*.com:/home/git/repositories/xiaopeng.bxp/xmrobotium.git

remote: \* [new branch] xm2.x -> xm2.x

To git@gitlab.\*\*\*\*.com:xiaopeng.bxp/xmrobotium.git

\* [new branch] xm2.x -> xm2.x

## 查看远程分支

bixiaopeng@bixiaopengtekiMacBook-Pro xmrobotium$ git branch -r

origin/master

origin/xm2.x

## 查看本地和远程分支

bixiaopeng@bixiaopengtekiMacBook-Pro xmrobotium$ git branch -a

master

\* xm2.x

remotes/origin/master

remotes/origin/xm2.x

## 修改branch的名字

bixiaopeng@bixiaopengtekiMacBook-Pro xmrobotium$ git branch -m xm2.x test2.x

bixiaopeng@bixiaopengtekiMacBook-Pro xmrobotium$ git branch -r

origin/master

origin/xm2.x

## 查看本地和远程所有的分支

bixiaopeng@bixiaopengtekiMacBook-Pro xmrobotium$ git branch -a

master

\* test2.x

remotes/origin/master

remotes/origin/xm2.x

## 删除远程分支

bixiaopeng@bixiaopengtekiMacBook-Pro xmrobotium$ git push origin --delete xm2.x

remote: To git@mirror.gitlab.\*\*\*\*.com:/home/git/repositories/xiaopeng.bxp/xmrobotium.git

remote: - [deleted] xm2.x

To git@gitlab.\*\*\*\*\*.com:xiaopeng.bxp/xmrobotium.git

- [deleted] xm2.x

bixiaopeng@bixiaopengtekiMacBook-Pro xmrobotium$ git branch -r

origin/master

origin/test2.x

# 十六. Git 合并分支

首先切换到想要合并到的分枝下，运行'[**Git**](http://lib.csdn.net/base/git) merge’命令 （例如本例中将test2.x分支合并到xm3.0分支的话，进入xm3.0分支运行git merge test2.x命令）如果合并顺利的话：

## 确保当前分支为xm3.0

bixiaopeng@bixiaopengtekiMacBook-Pro xmrobotium$ git status

On branch xm3.0

nothing to commit, working directory clean

bixiaopeng@bixiaopengtekiMacBook-Pro xmrobotium$ git branch

master

test2.x

\* xm3.0

bixiaopeng@bixiaopengtekiMacBook-Pro xmrobotium$ git merge test2.x

Already up-to-date.

## 合并冲突处理：

Automatic merge failed; fix conflicts and then commit the result.

修改冲突的文件后，git add 文件 然后，git commit