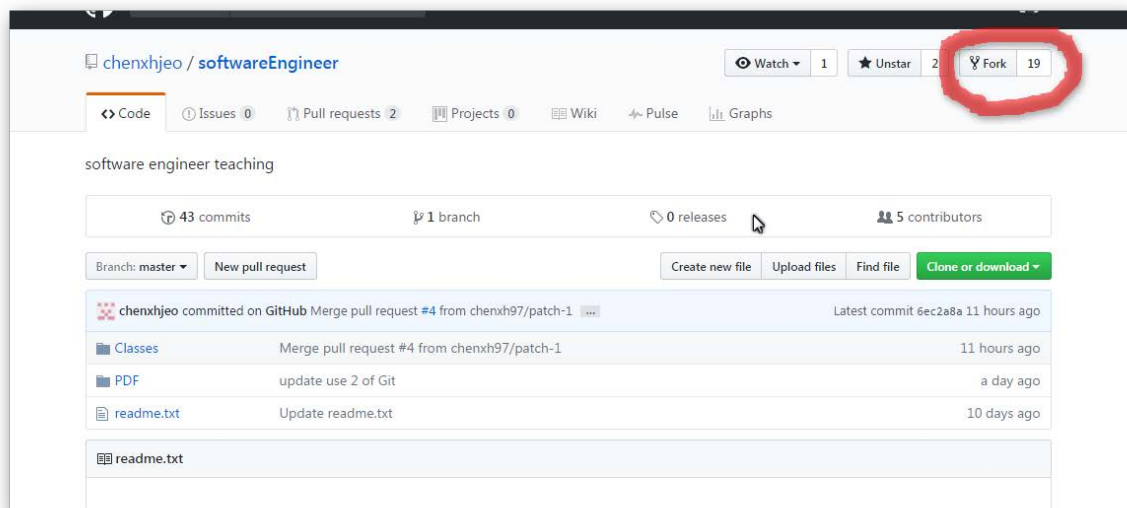
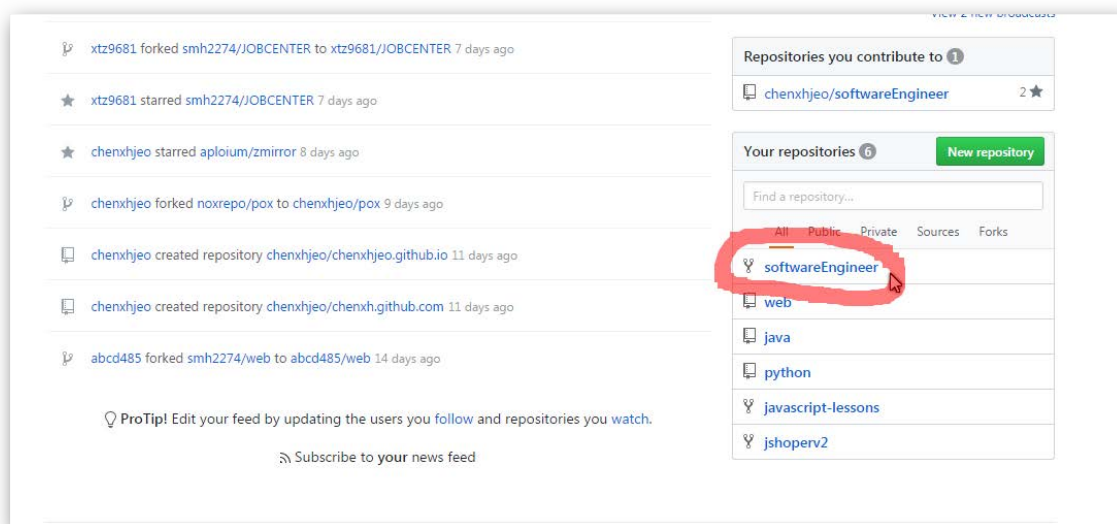


如何用GIT把文件提交给老师

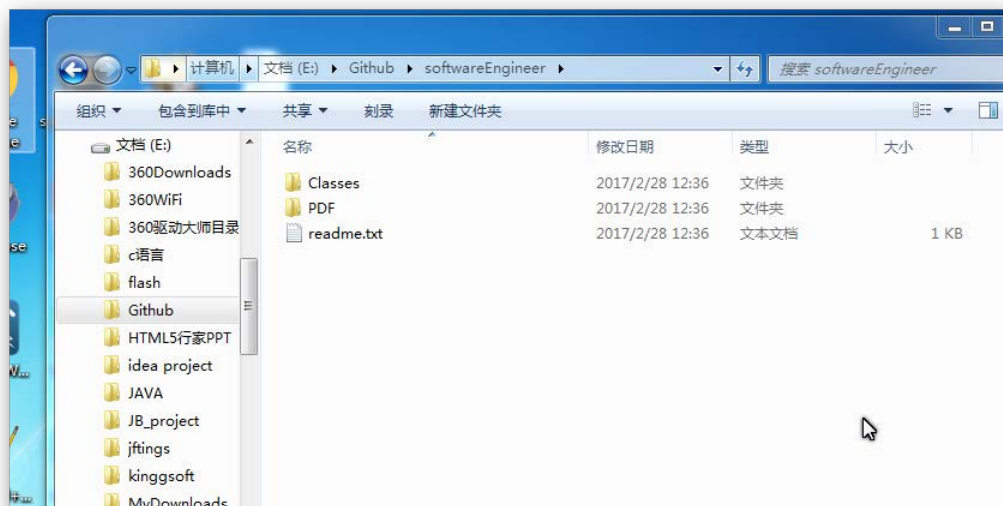
- 1.在浏览器上找到老师的仓库，<https://github.com/chenxhjeo/softwareEngineer>
- 2.点击右上角Fork,把老师的softwareEngineer拷贝到了你自己的仓库下。



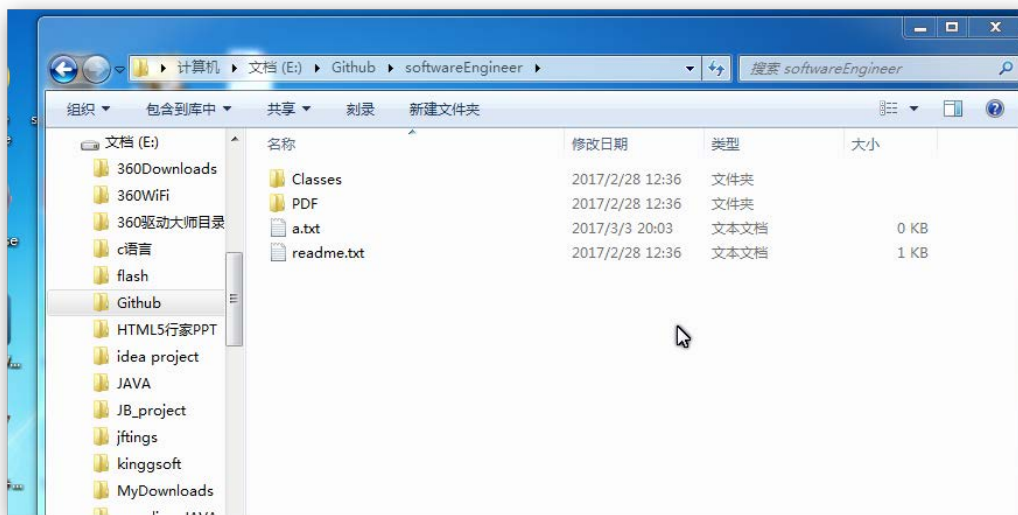
如下图，你的仓库就多了一个分支仓库。Y型是你fork来的仓库，而书本一样的是你自己创的仓库，fork的仓库我们就可以作为开源贡献者，对别人的代码进行修改或者找bug。



- 3.接下来把你仓库的softwareEngineer进行clone下来，比如我的 `git clone https://github.com/smh2274/softwareEngineer` 或者用SSH (Secure Shell, 安全外壳协议，由于它是压缩和加密进行传输，所以速度更快更安全)，改成 `git@github.com:smh2274/softwareEngineer` 就可以了。
- 4.进入下载好的文件，对其进行修改。



我在这新建个文件，a.txt



5.进入git shell,对其进行提交。

*git status是查看当前的状态,未add前是红色,add后变绿色,commit之后就不存在了。

```
Fatal: Not a git repository (or any of the parent directories): .git
E:\Github> cd softwareEngineer
E:\Github\softwareEngineer [master ↑ +1 ~0 -0 !]> git status
On branch master
Your branch is ahead of 'origin/master' by 1 commit.
  (use "git push" to publish your local commits)
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        a.txt

nothing added to commit but untracked files present (use "git add" to track)
E:\Github\softwareEngineer [master ↑ +1 ~0 -0 !]> git add *
E:\Github\softwareEngineer [master ↑ +1 ~0 -0 ~1]> git commit -m "备注随意"
[master b524f4b] 备注随意
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 a.txt

Warning: Your console font probably doesn't support Unicode. If you experience s
trange characters in the output, consider switching to a TrueType font such as C
onsoleas!
E:\Github\softwareEngineer [master ↑ 1]> git status
On branch master
Your branch is ahead of 'origin/master' by 2 commits.
  (use "git push" to publish your local commits)
nothing to commit, working tree clean
E:\Github\softwareEngineer [master ↑ 1]>
```

6.接下来把你的仓库push到你网上自己的仓库进行同步,比如我自己的:

git push https://github.com/smh2274/softwareEngineer master

```
(use "git push" to publish your local commits)
nothing to commit, working tree clean
E:\Github\softwareEngineer [master ↑ 1]> git push https://github.com/smh2274/soft
wareEngineer master
To https://github.com/smh2274/softwareEngineer
 ! [rejected]        master -> master (fetch first)
error: failed to push some refs to 'https://github.com/smh2274/softwareEngineer'

hint: Updates were rejected because the remote contains work that you do
hint: not have locally. This is usually caused by another repository pushing
hint: to the same ref. You may want to first integrate the remote changes
hint: (e.g., 'git pull ...') before pushing again.
hint: See the 'Note about fast-forwards' in 'git push --help' for details.
E:\Github\softwareEngineer [master ↑ 1]>
```

*如未发生错误,请跳过此步

呀!然后你就发现error!Oh!这时候别急,我们来解读一下,它让我们用fetch first,或者在push前用git pull,这是什么意思呢?因为我的本地版本库与老师网上的版本库不匹配,由于别人也修改提交了代码,而我本地还是别人提交前的状态,两个版本出现了分叉,你可以直接git pull,使本地版本库更新到网上仓库相同,不过你刚commit的文件也会被清除掉,所以我们可以事先把a.txt移出仓库,更新好后再添加进去。

而git fetch就比较安全,你可以fetch到分支上,然后merge进行合并,这里我们不细讲,我们这里用git pull

```

E:\Github\softwareEngineer [master ↑ 1] > git pull
Warning: Permanently added 'github.com,192.30.253.112' (RSA) to the list of known hosts.
remote: Counting objects: 3, done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 3 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), done.
From github.com:smh2274/softwareEngineer
   d5e8d7e..8f8de49  master    -> origin/master
Auto-merging a.txt
Merge made by the 'recursive' strategy.
   a.txt | 1 +
   1 file changed, 1 insertion(+)
E:\Github\softwareEngineer [master ↑ 1] >

```

好了，接下来进行add,commit,push.这里不重复了。

```

E:\Github\softwareEngineer [master ↑ +0 ~1 -0 !1] > git add *
E:\Github\softwareEngineer [master ↑ +0 ~1 -0 ~1] > git commit -m "备注随意"
[master 46b6dcd] 备注随意
   1 file changed, 1 deletion(-)

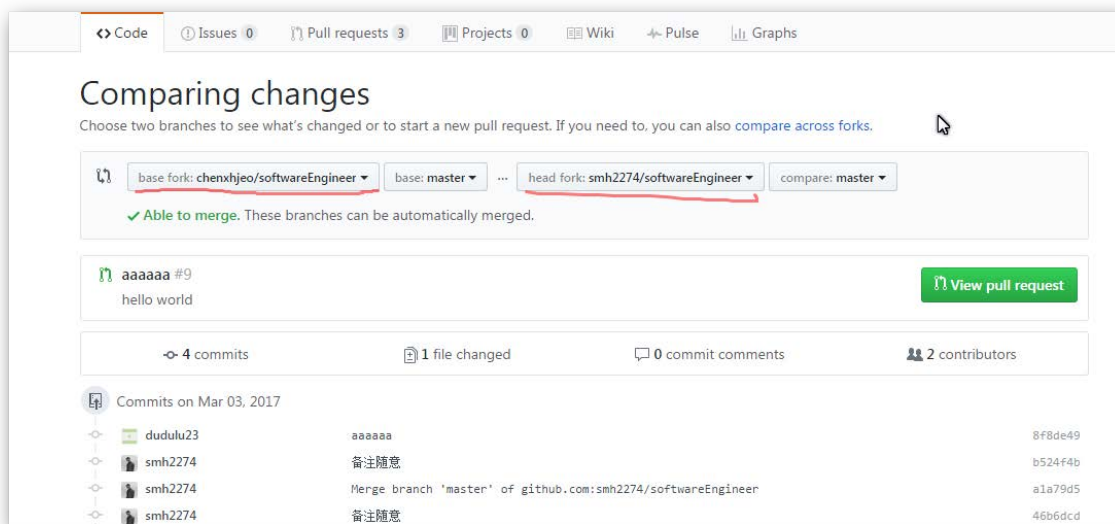
Warning: Your console font probably doesn't support Unicode. If you experience strange characters in the output, consider switching to a TrueType font such as Consolas!
E:\Github\softwareEngineer [master ↑ 1] > git push https://github.com/smh2274/softwareEngineer master
Counting objects: 5, done.
Delta compression using up to 4 threads.
Compressing objects: 100% (4/4), done.
Writing objects: 100% (5/5), 548 bytes | 0 bytes/s, done.
Total 5 (delta 2), reused 0 (delta 0)
remote: Resolving deltas: 100% (2/2), completed with 1 local objects.
To https://github.com/smh2274/softwareEngineer
   8f8de49..46b6dcd  master -> master
E:\Github\softwareEngineer [master ↑ 1] >

```

好了，成功了！

7.去网上查看一下你自己的softwareEngineer仓库

看，有了吧！点击New pull request，请求老师把你修改的文件进行合并

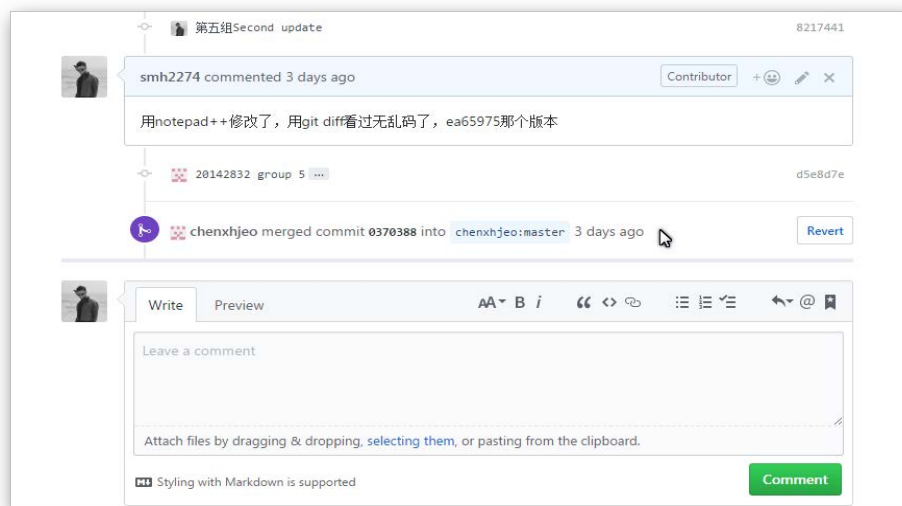


Base fork就是你要请求合并的目标，head fork 就是你的仓库源

左手边有一个绿色按钮，按一下就可提交

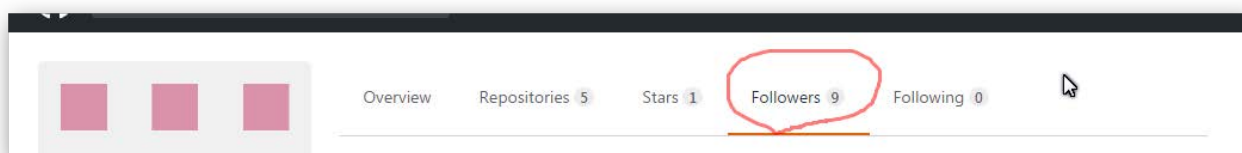
*由于我之前有一个内容为hello word备注为aaaaaa的文档老师还没合并，所以无法再请求合并！

这个区域就是发送消息接收消息，万一你的分支没有被老师合并，你可以跟老师进行问答，消息会在你邮箱进行提醒。

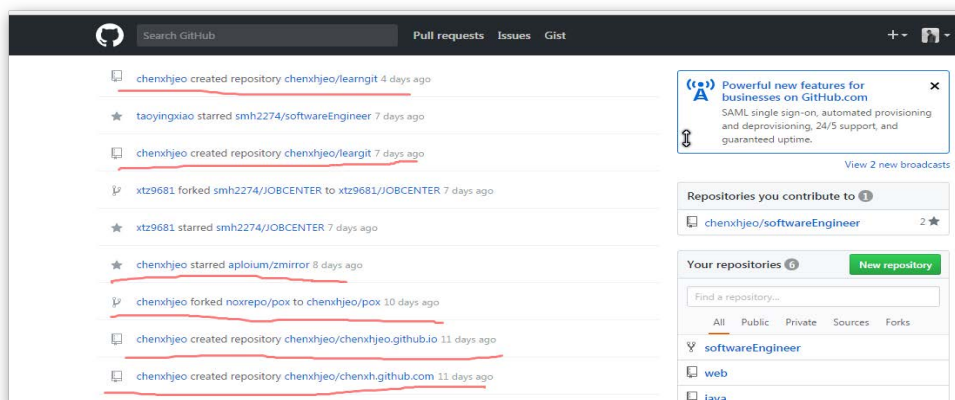


老师没合并前，你的comment旁边还有个按钮来撤销你的合并请求！

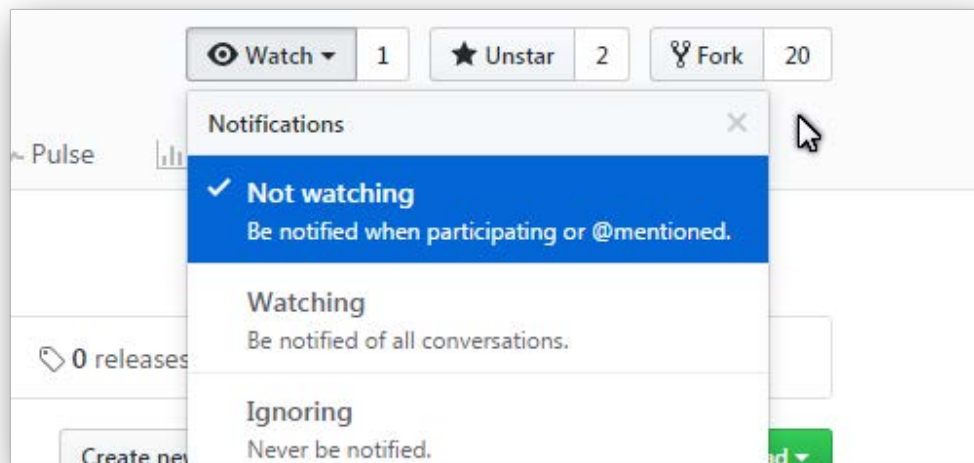
番外：



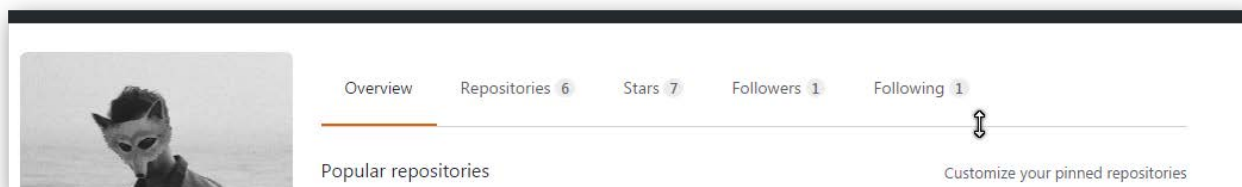
Follow的意思就是关注对方，跟随对方的项目，对方的行为会出现在你的主页，如下图



而watch是接收邮箱提醒,当他的项目发生变化或者有人issues,你的邮箱就会接收消息,默认状态下是不接受。



Star就是收藏项目,与fork不同,收藏后在你自己的profile里就有记录了



你就可以直接在star里找收藏的项目了。
Star每天、每周、每月都有排名,这是别人对你开源项目的认可

