Fastcampus

컴퓨터공학 입문 스쿨

git basic 2

git

What is branch?

What is branch?

What is branch?

분기점을 생성하고 독립적으로 코드를 변경할 수 있도록 도와주는 모델

ex)

master branch

```
print('hello world!')
```

another branch

```
for i in range(1,10):
    print('hello world for the %s times!' % i)
```

Branch

Show available local branch

```
$ git branch
```

Show available remote branch

```
$ git branch -r
```

Show available All branch

```
$ git branch -a
```

Branch

Create branch

```
$ git branch stem
```

Checkout branch

```
$ git checkout stem
```

OR

Create & Checkout branch

```
$ git checkout -b new-stem
```

Branch

make changes inside readme.md

```
$ git add readme.md
```

```
$ git commit -m 'edit readme.md'
```

```
$ git push origin stem
```

Branch

push with specified remote branch

```
$ git push origin stem
```

see the difference between two branches

```
$ git diff master stem
```

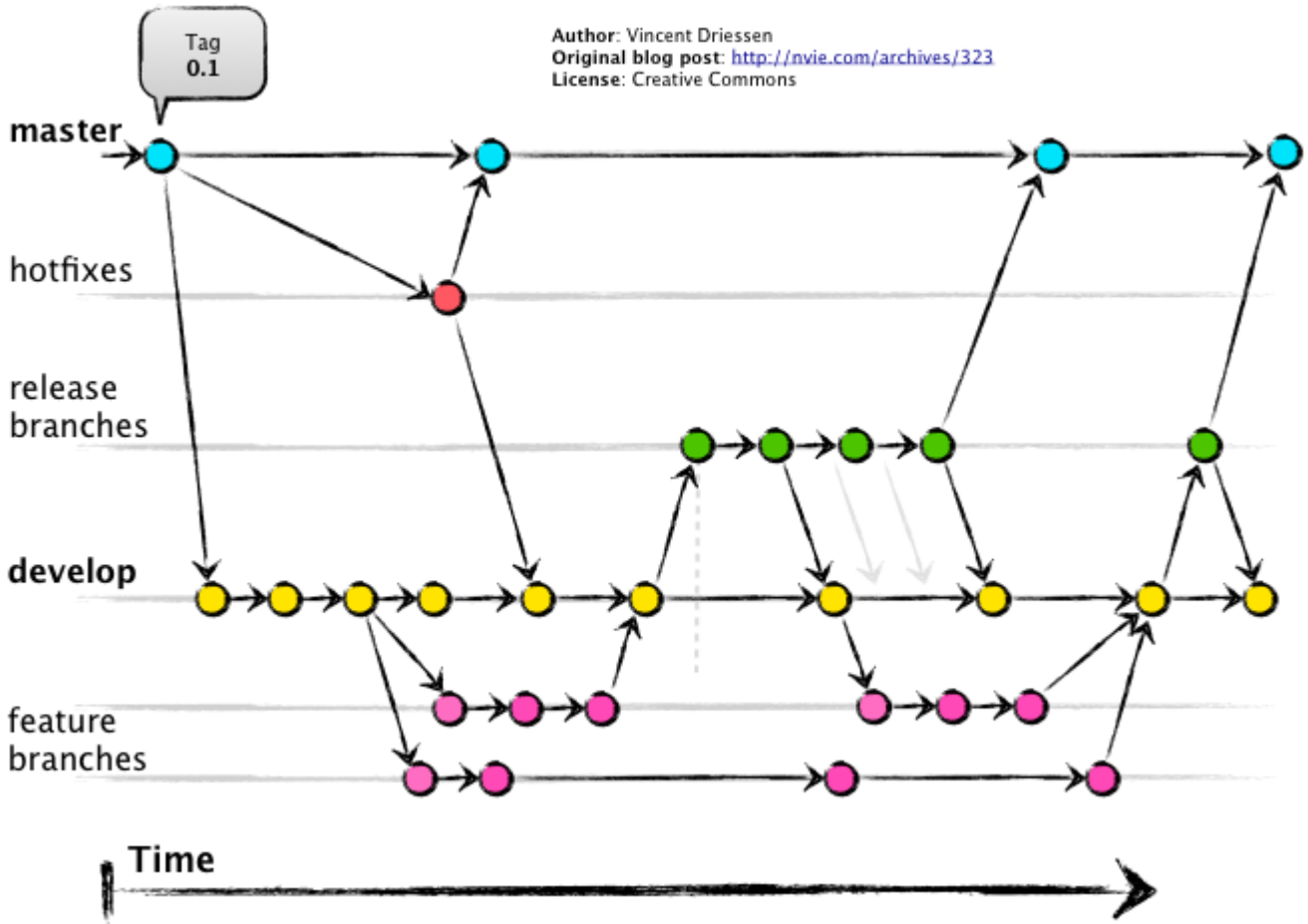
merge branch

```
$ git merge stem
```

delete branch

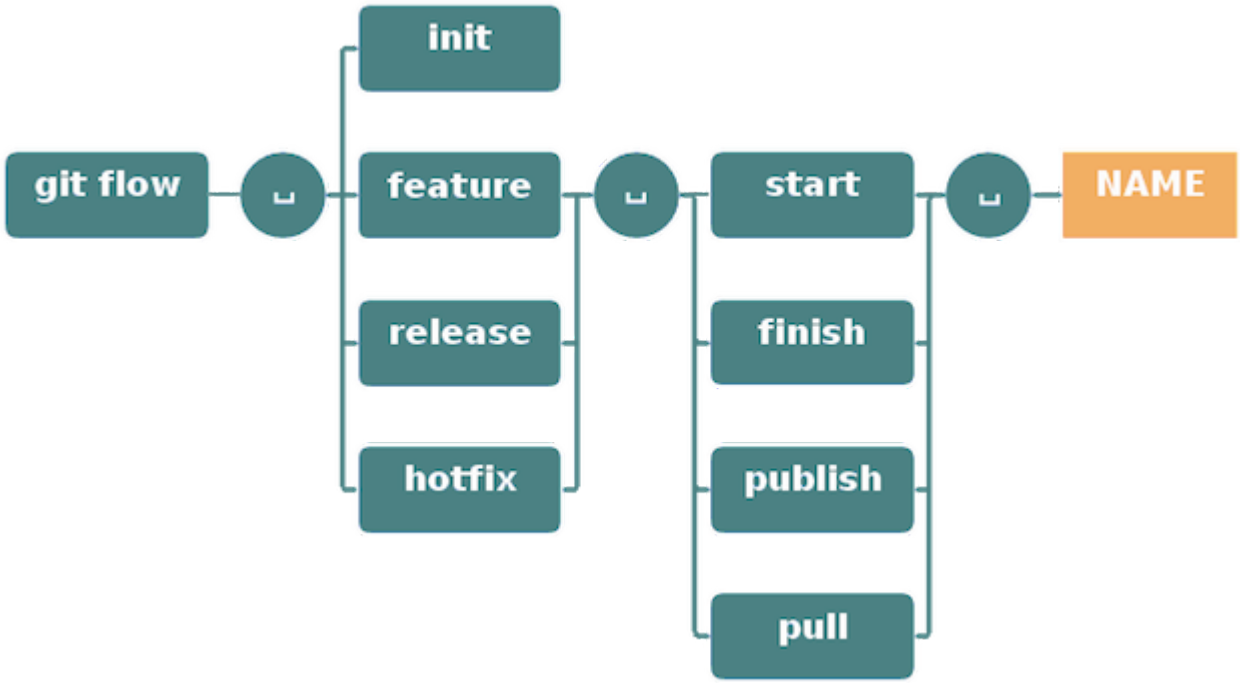
```
$ git branch -D stem
```

git flow strategy



use git flow easily!

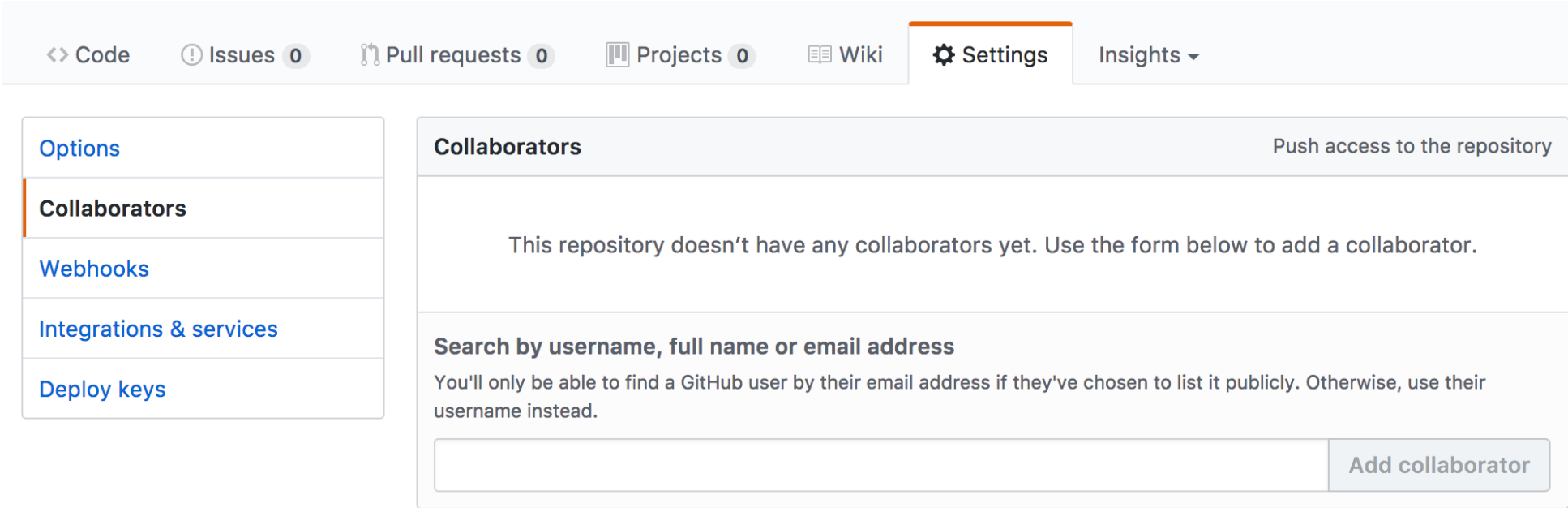
Link



Collaborate with your Co-worker

Method 1: Collaboration

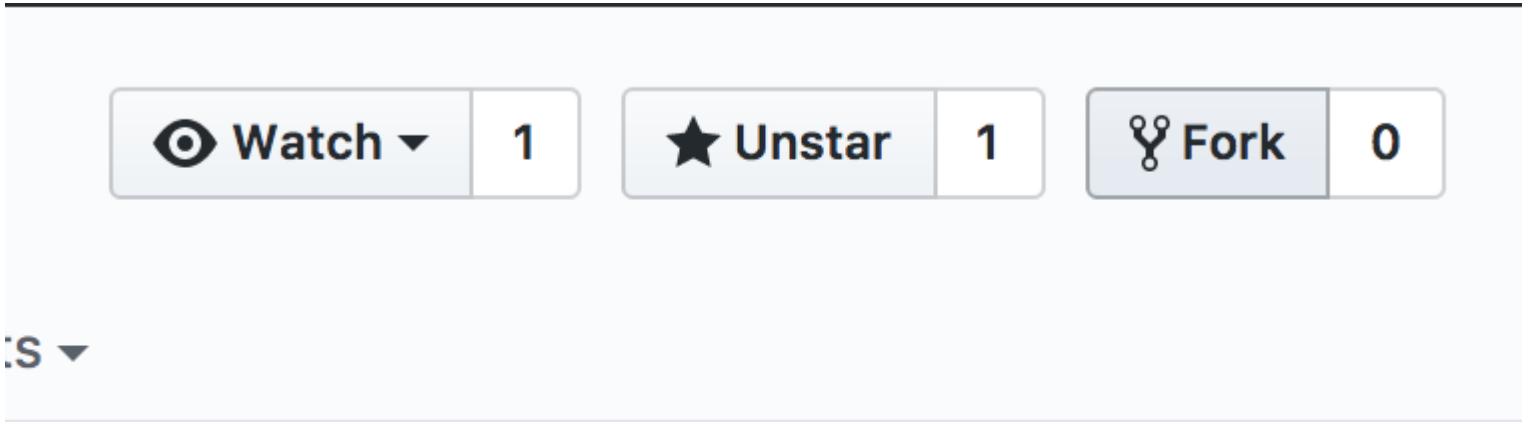
Add Collaborator



Collaboration

Add, Commit and Push like you own it.

Method 2: Fork and Merge

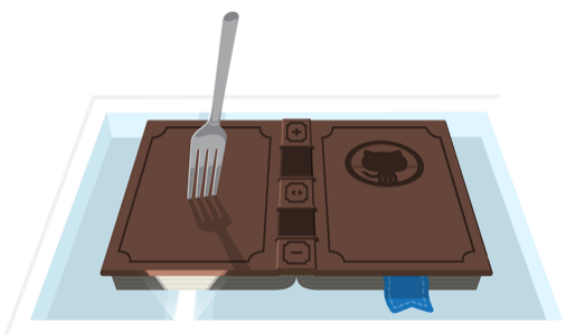


Fork and Merge

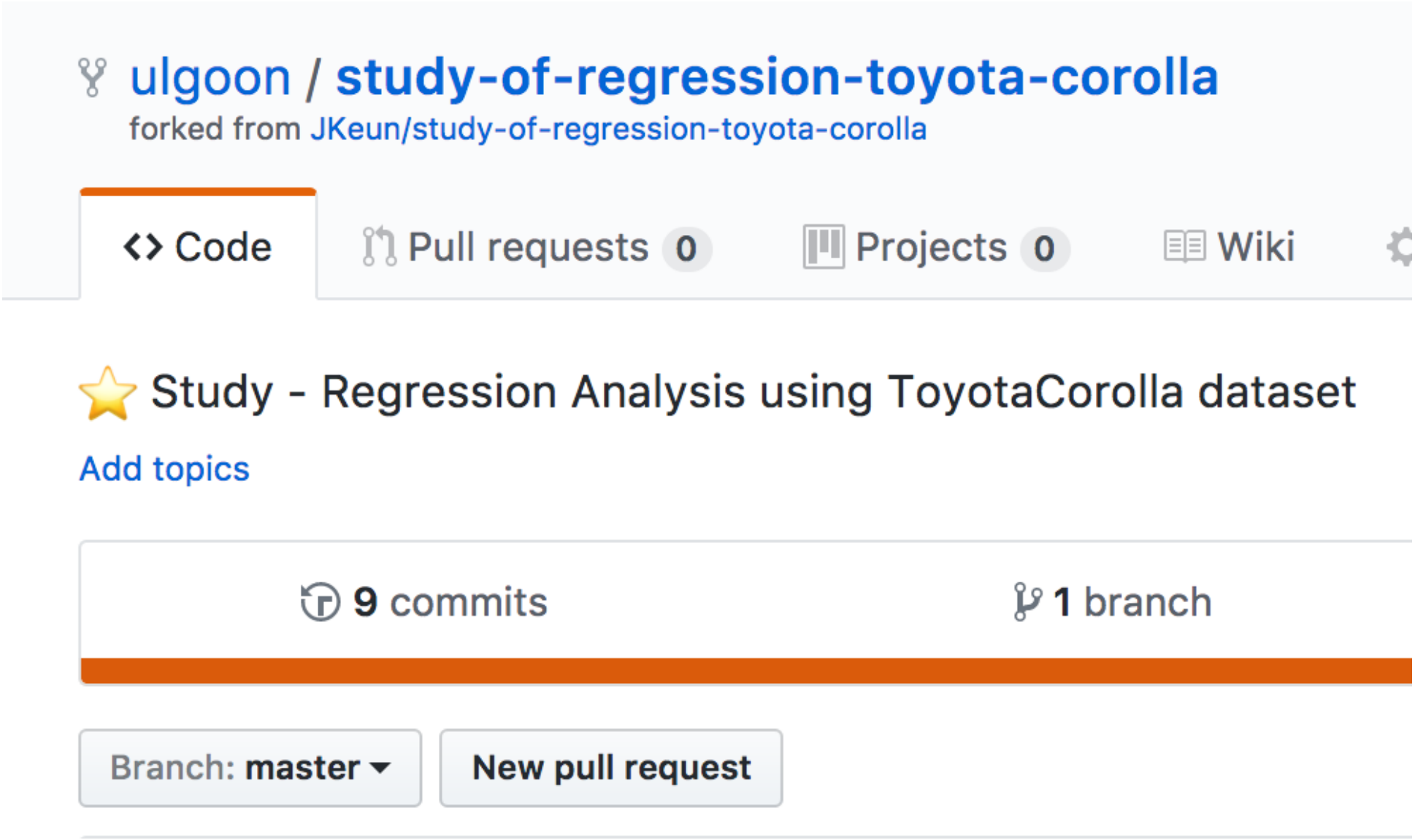
Forking JKeun/study-of-regression-toyota-corolla

It should only take a few seconds.

Refresh



Fork and Merge



Fork and Merge

```
$ git clone https://github.com/username/forked-repo.git
$ git remote add upstream
https://github.com/anotheruser/original-repo.git
```

Fork and Merge

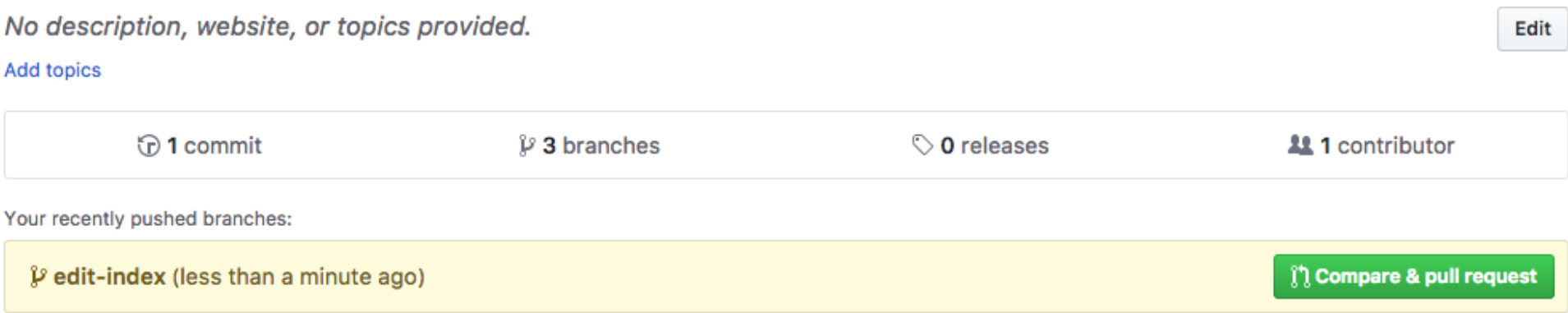
```
$ git fetch upstream
$ git merge upstream/master
$ git branch -a
$ git checkout -b new-feature
```

Fork and Merge

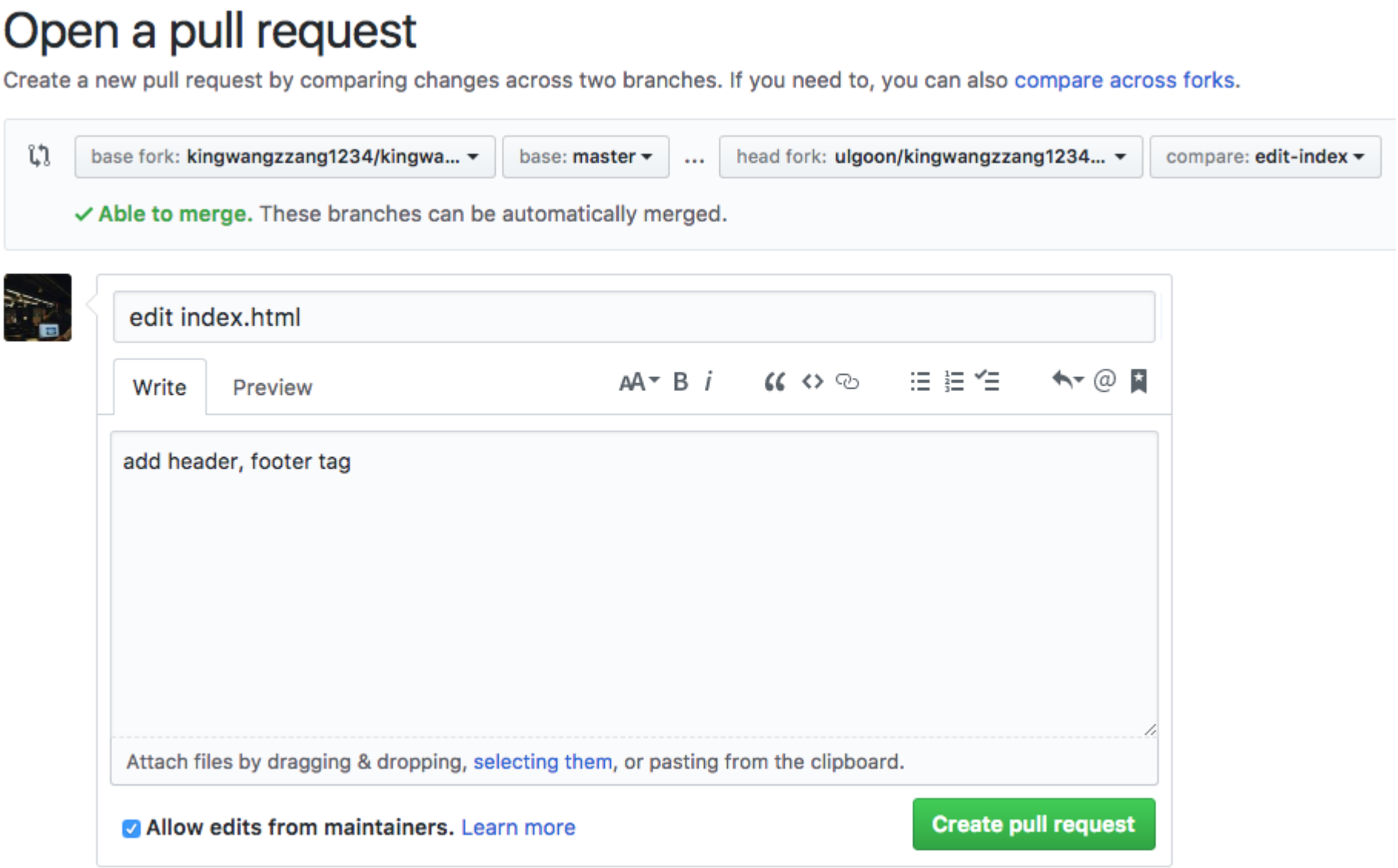
Make some change

```
$ git add file
$ git commit -m "commit message"
$ git push origin new-feature
```

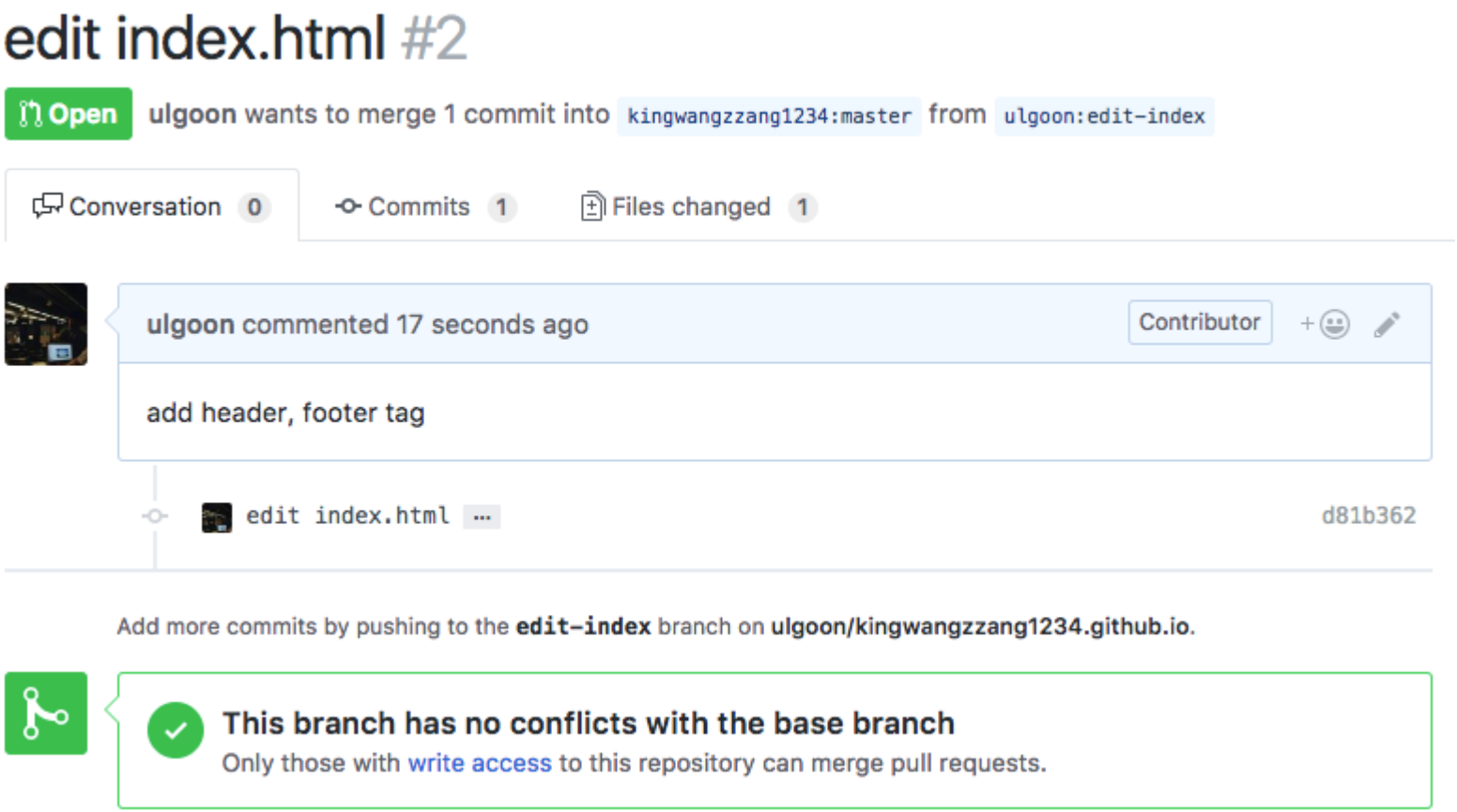
Fork and Merge



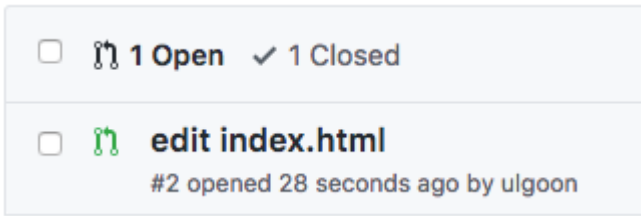
Fork and Merge



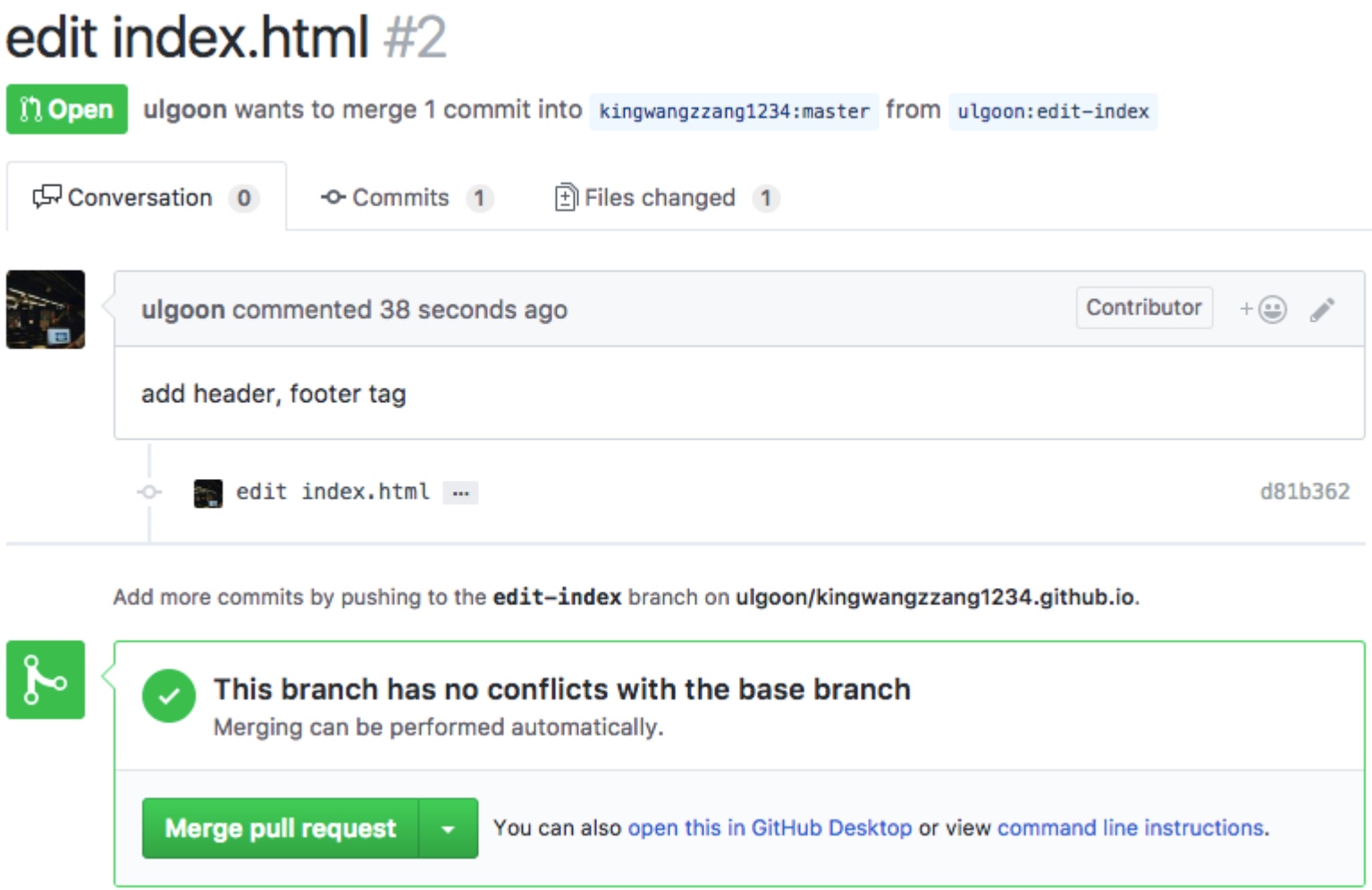
Fork and Merge



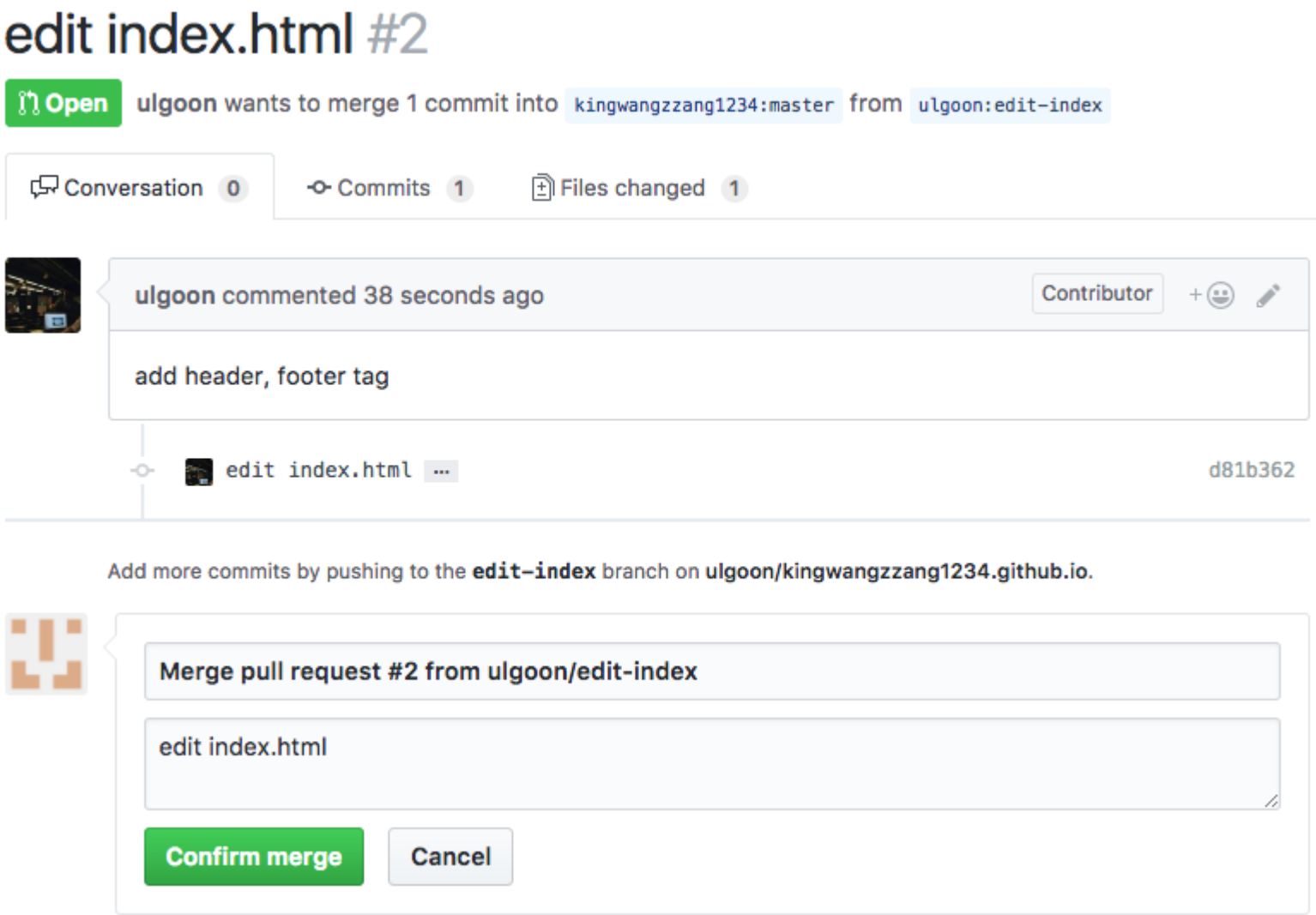
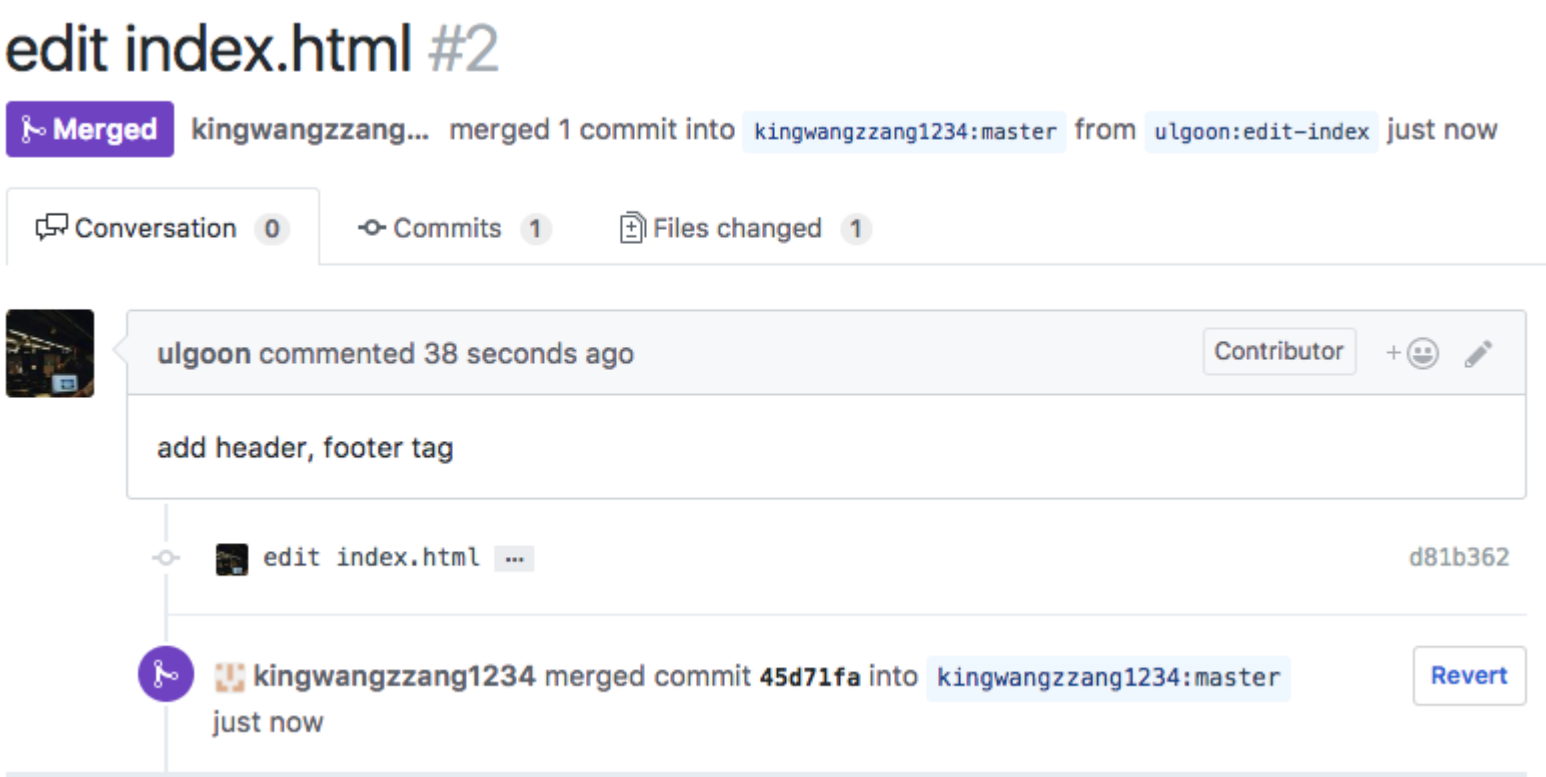
Fork and Merge



Fork and Merge



Fork and Merge



Fork and Merge