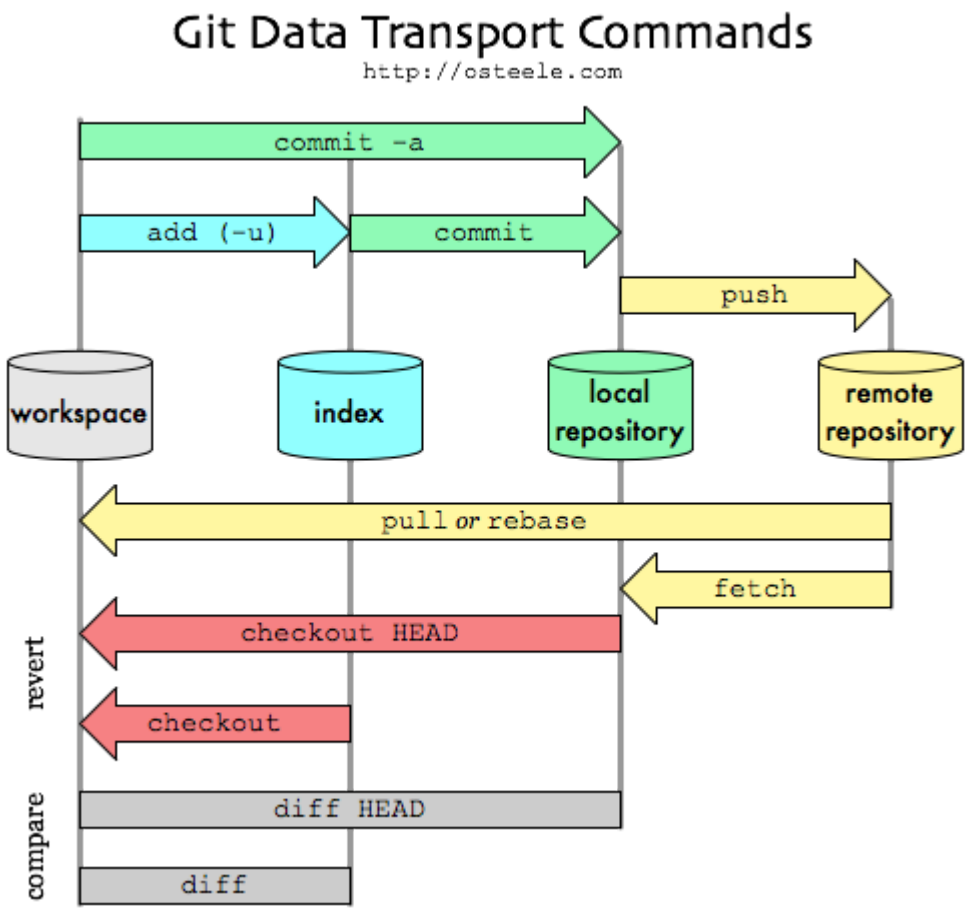
Fastcampus

Data Science SCHOOL with R

Linux, Vim, git

github pages

git Process and Command



My First Github Pages

github 저장소를 활용해 정적인 사이트 호스팅이 가능

`username`.github.io
http://tech.kakao.com/
https://spoqa.github.io/

sample index page

After create new repo throuch github,

```
$ git clone https://github.com/username/username.github.io.git
```

Create New file `index.html`

```
$ git add .
$ git commit -m "first page"
$ git push origin master
```

sample index page

```
<!doctype html>
<html>
 <head>
  <meta charset="utf-8">
  <title>My first gh page</title>
 </head>
 <body>
  <h1>Home</h1>
  <p>Hello, there!</p>
 </body>
</html>
```

Static Site Generator

- Jekyll: Ruby 기반 정적인 블로그 생성기
  - 설치와 사용이 쉬움
  - 사용자가 많았음
- Hugo: Golang 기반 정적인 블로그 생성기
  - 빠른 속도로 사이트를 생성
  - 사용자 증가 중
- Hexo: Node.js 기반 정적인 블로그 생성기
  - Node.js를 안다면 커스터마이즈가 쉬움
  - 빠른 속도로 사용자 증가 중

Recommand

`Hexo` > `Jekyll` > `Hugo`

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
```

Create & Checkout branch

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

make changes inside readme.md

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

```
$ git checkout master
```

merge branch

```
$ git merge stem
```

Branch

delete branch

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

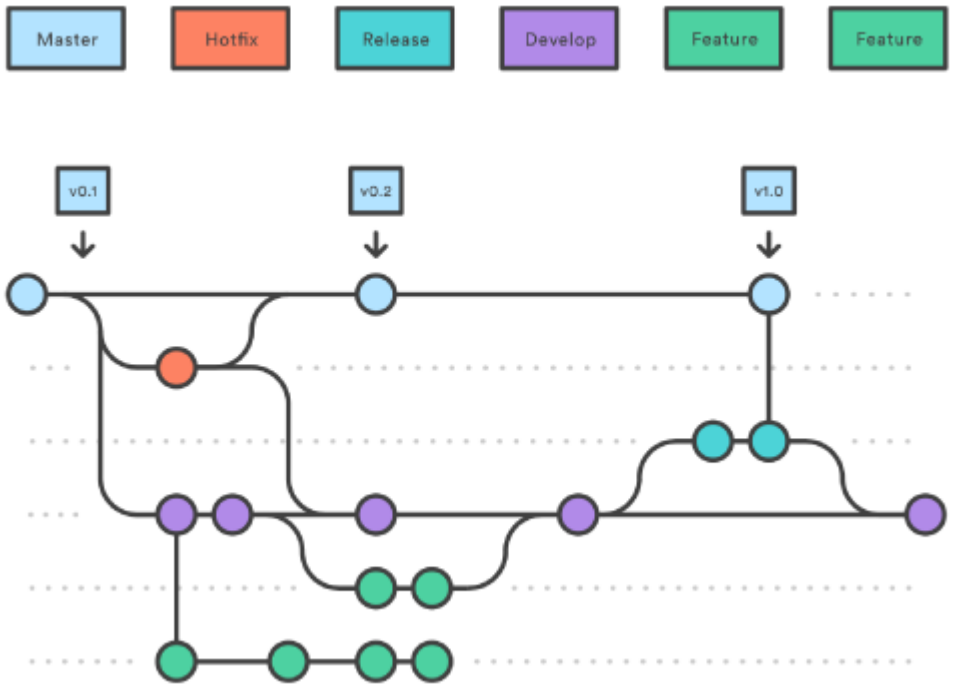
push with specified remote branch

```
$ git push origin stem
```

see the difference between two branches

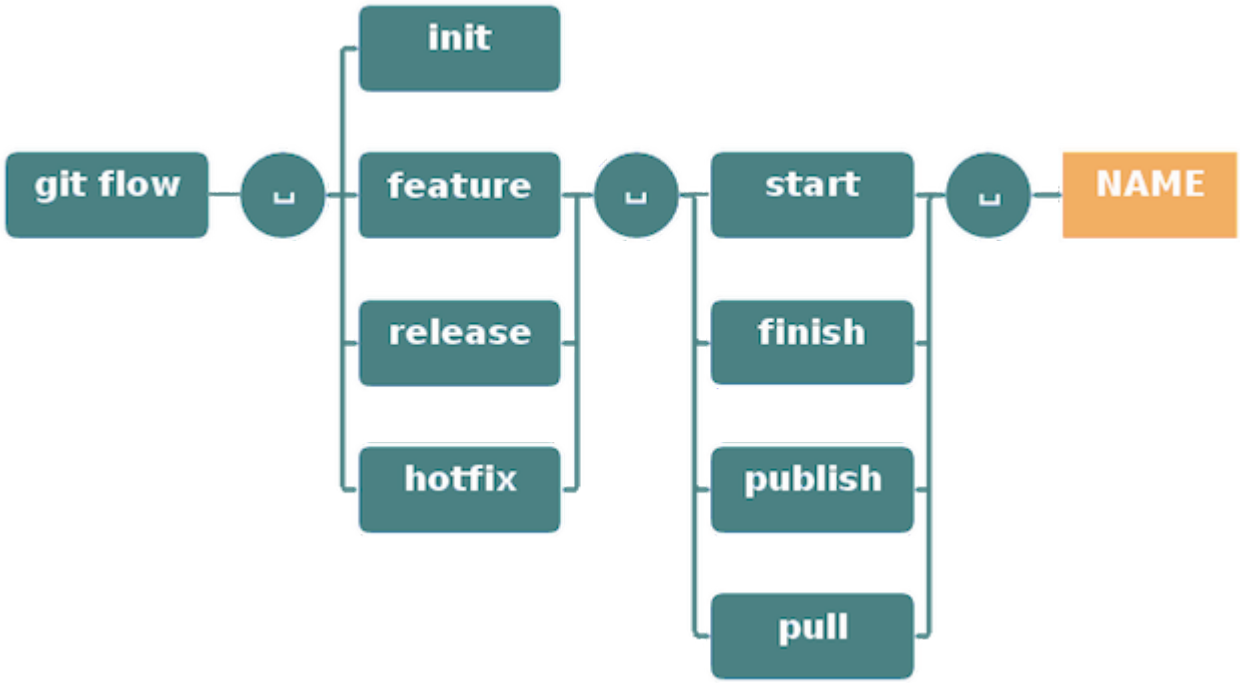
```
$ git diff master stem
```

git flow strategy



use git flow easily!

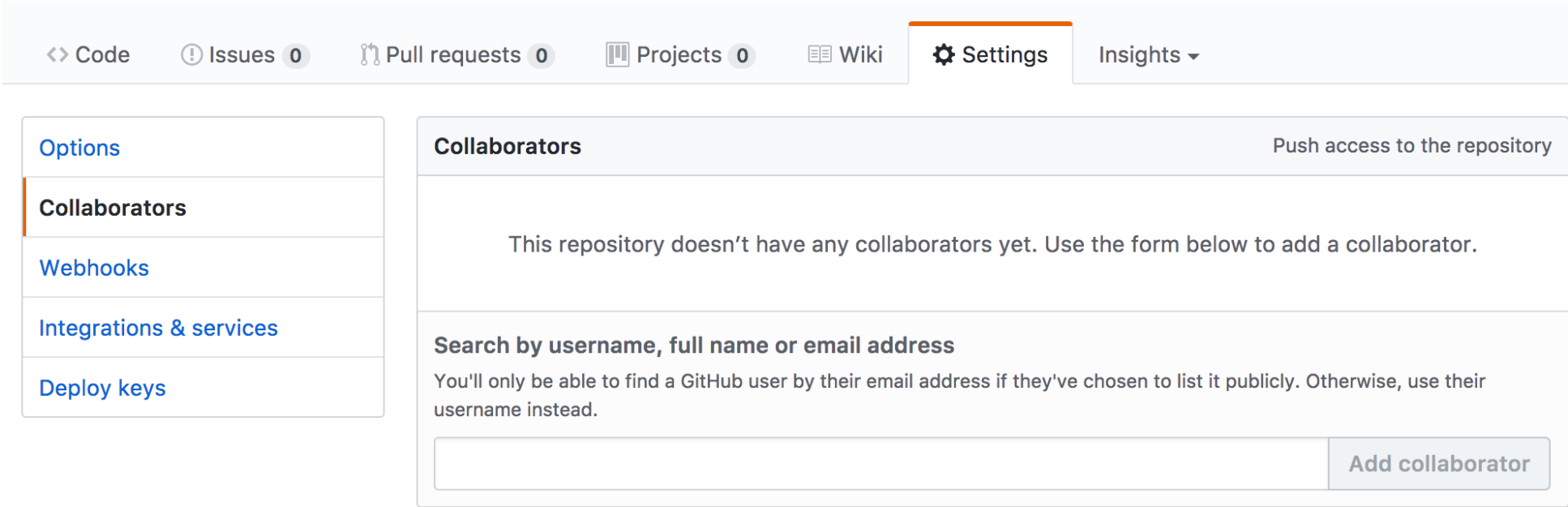
Link



Collaborate with your Co-worker

Method 1: Collaboration

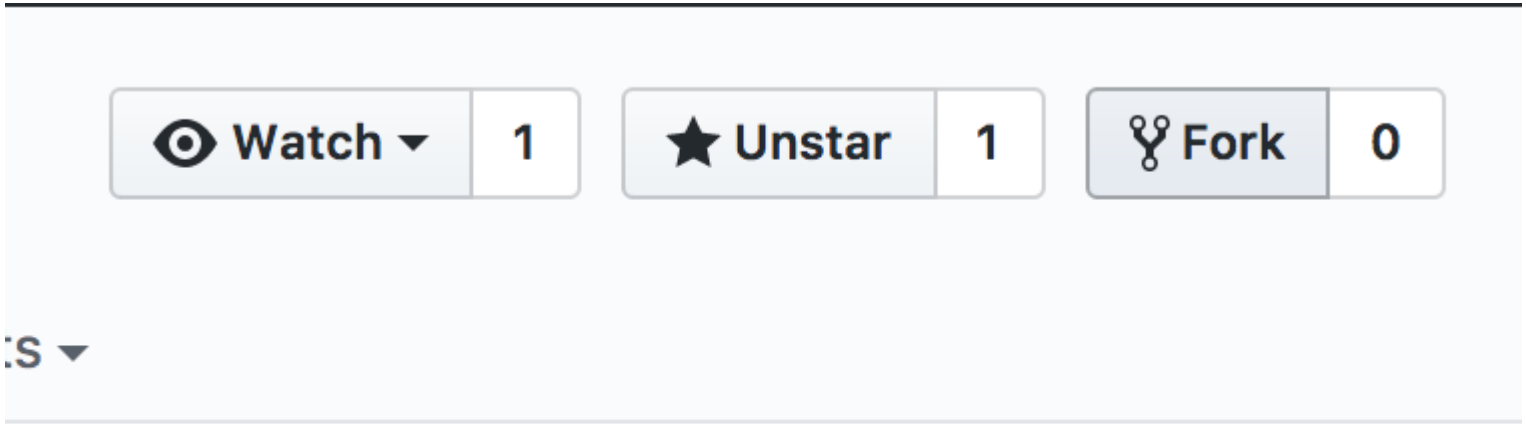
Add Collaborator



Collaboration

Add, Commit and Push like you own it.

Method 2: Fork and Merge

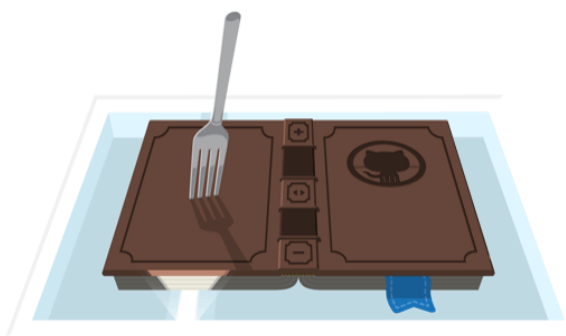


Fork and Merge

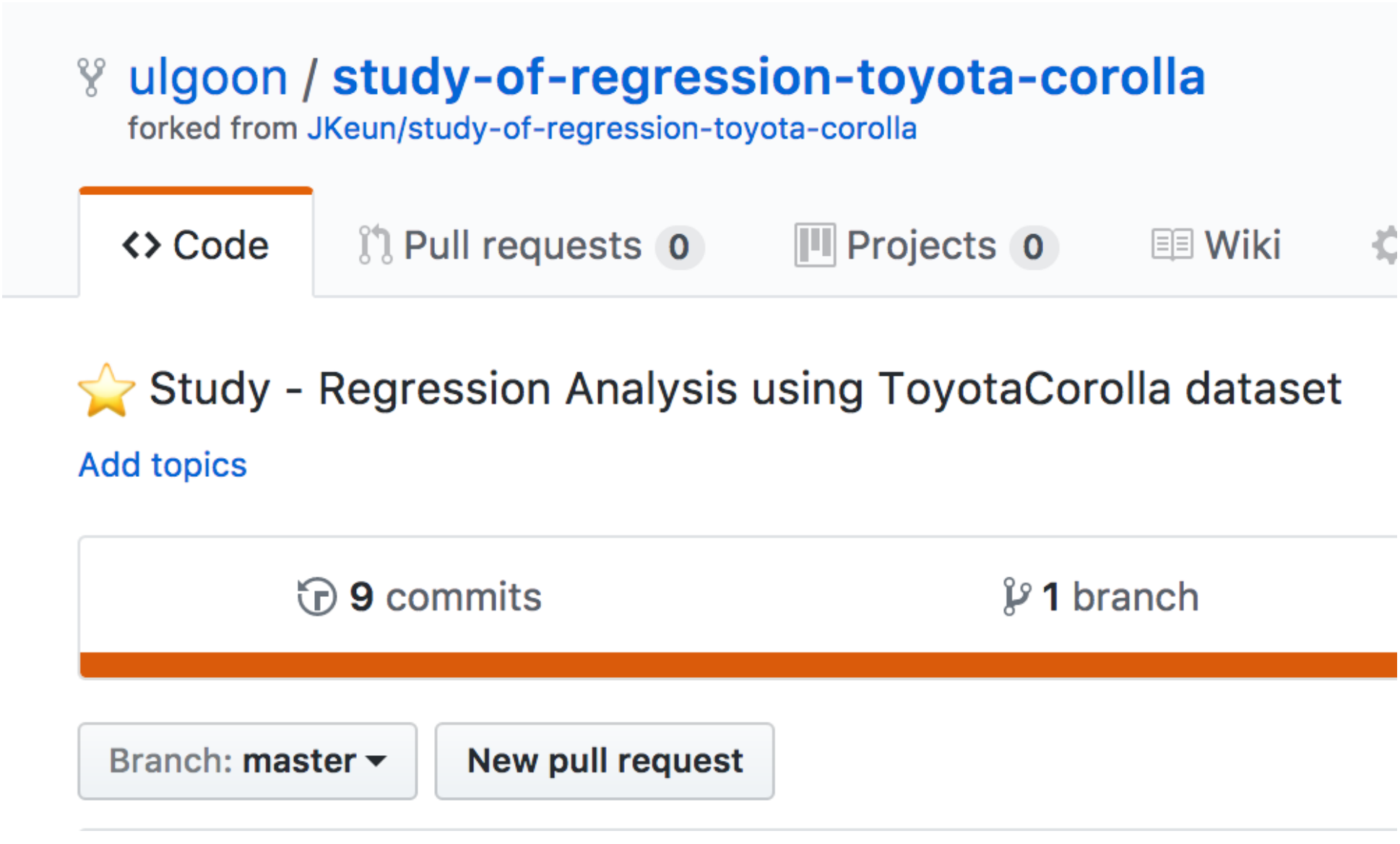
Forking JKeun/study-of-regression-toyota-corolla

It should only take a few seconds.

Refresh



Fork and Merge



Fork and Merge

```
$ git clone https://github.com/username/forked-repo.git
```

Fork and Merge

```
$ git branch -a
```

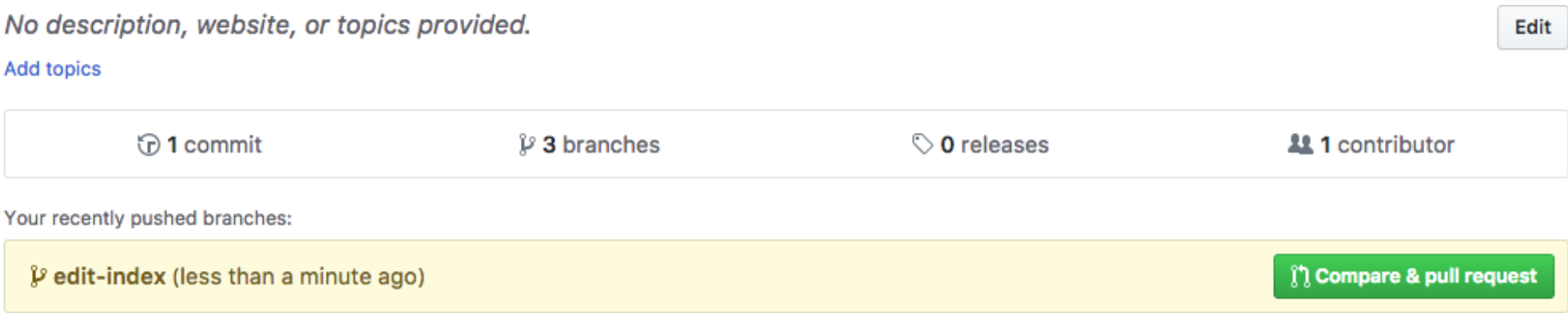
```
$ git checkout -b new-feature
```

Fork and Merge

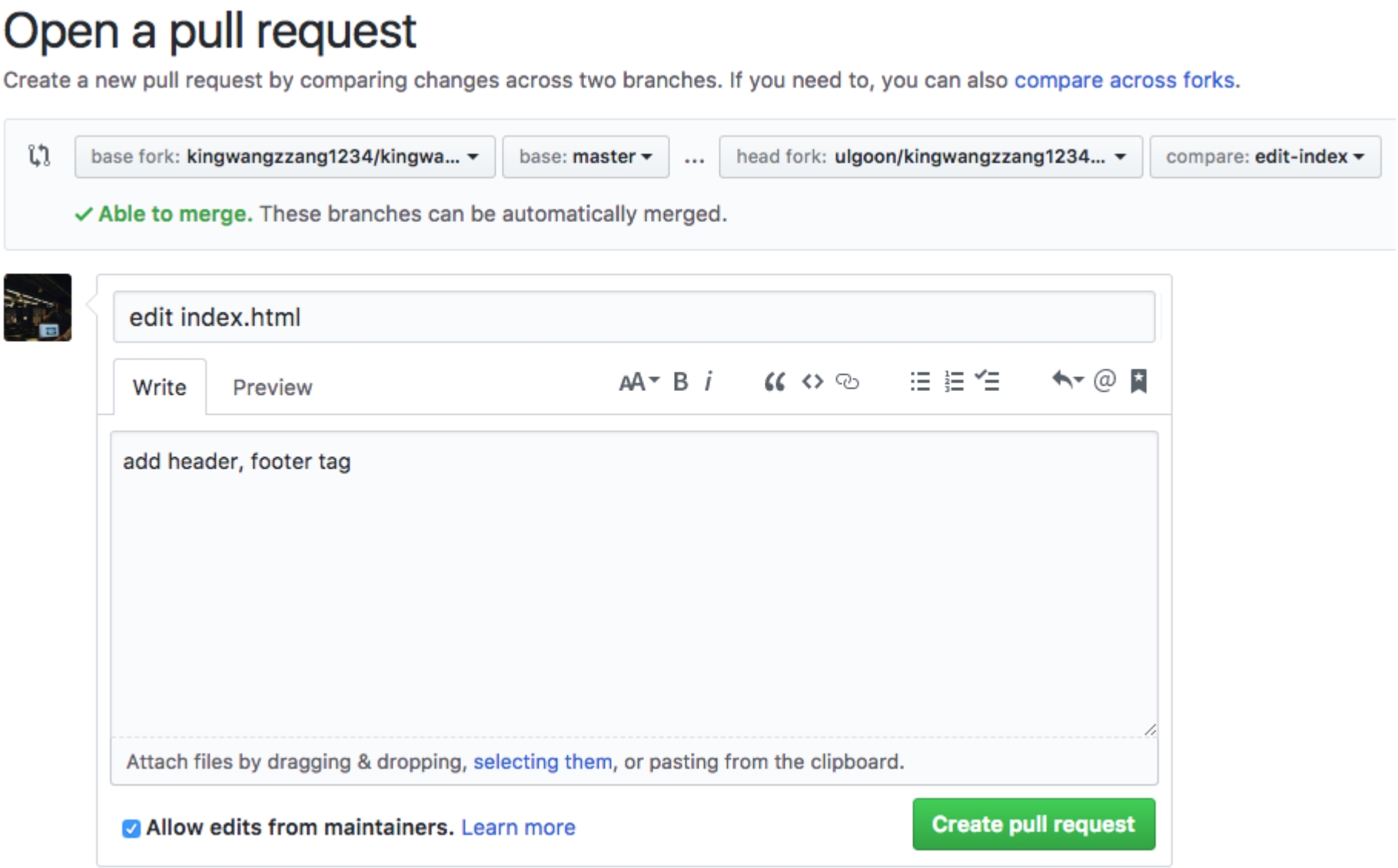
Make some change

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

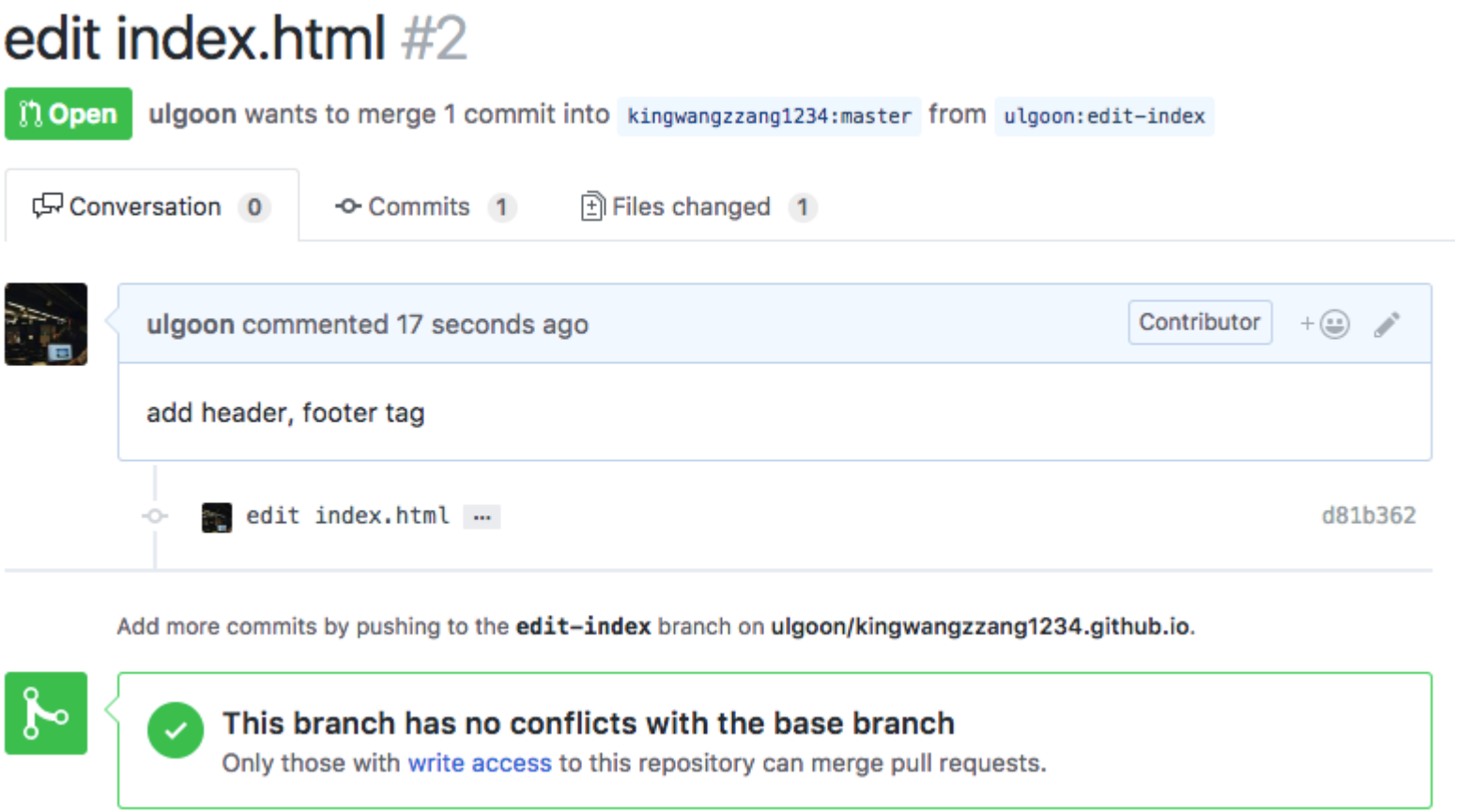
Fork and Merge



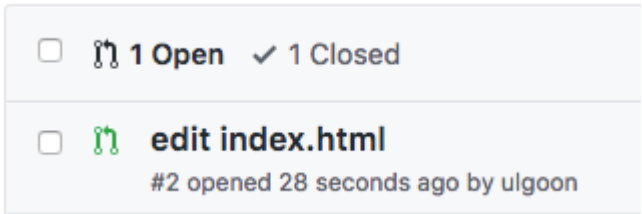
Fork and Merge



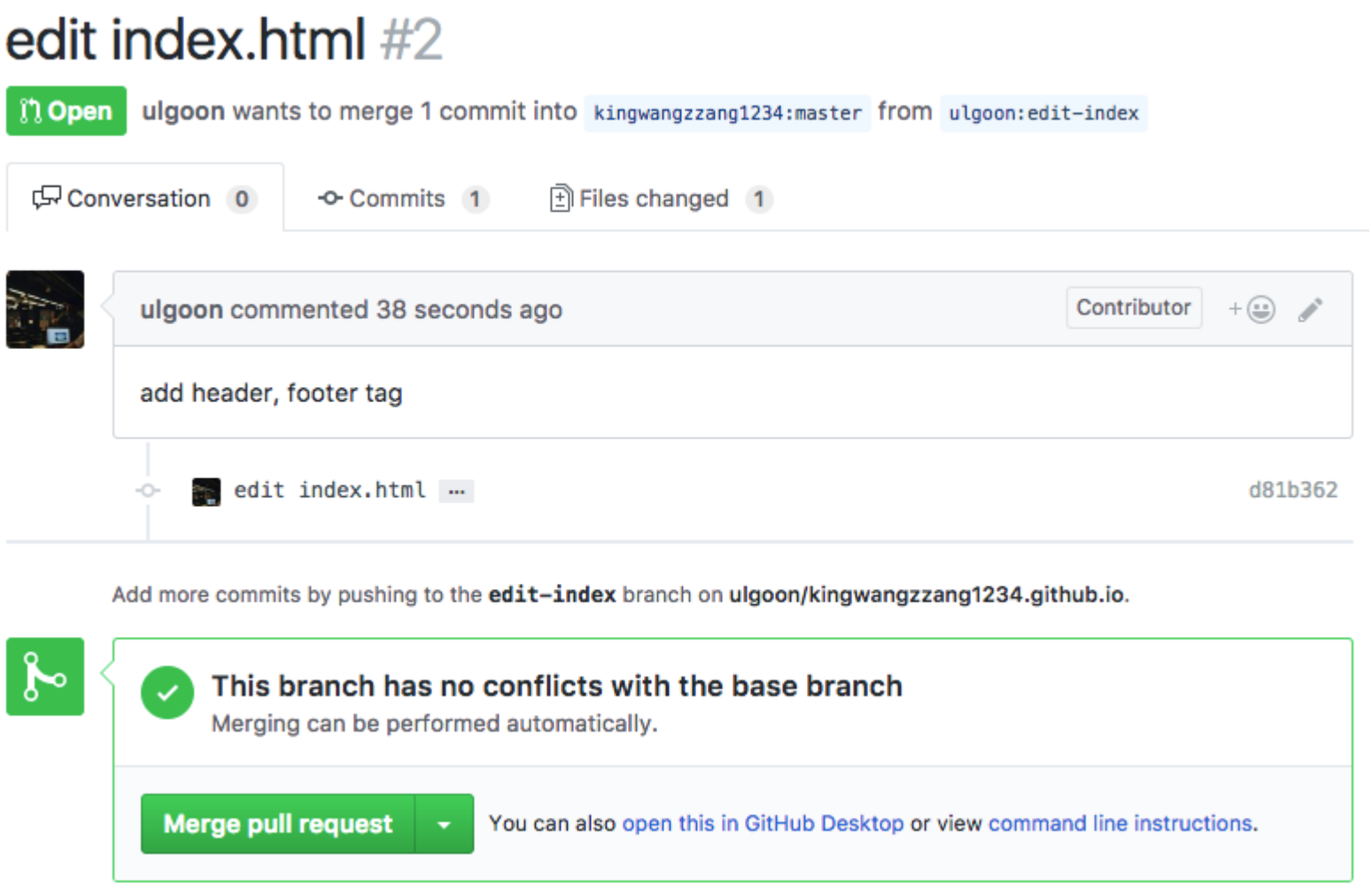
Fork and Merge



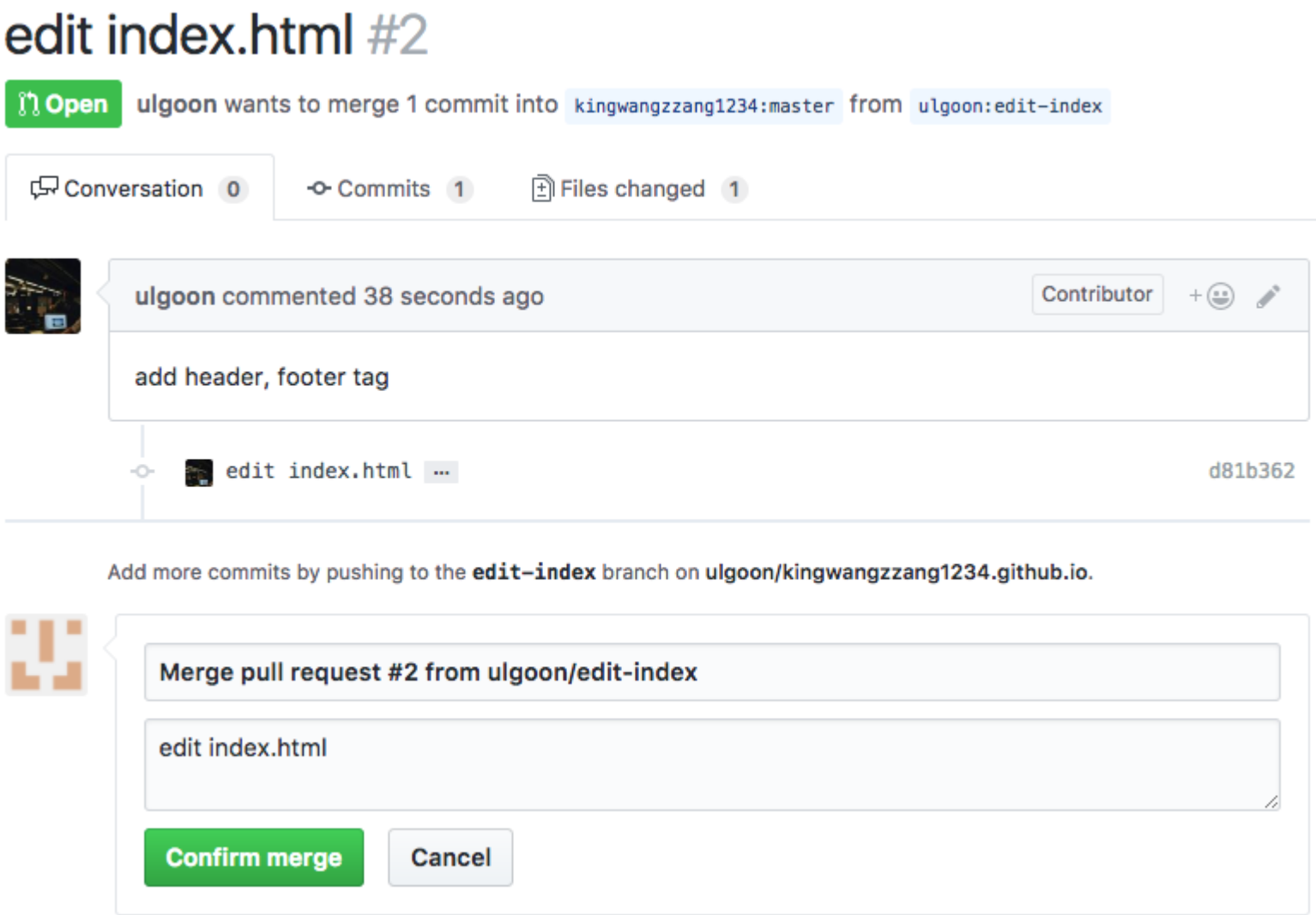
Fork and Merge



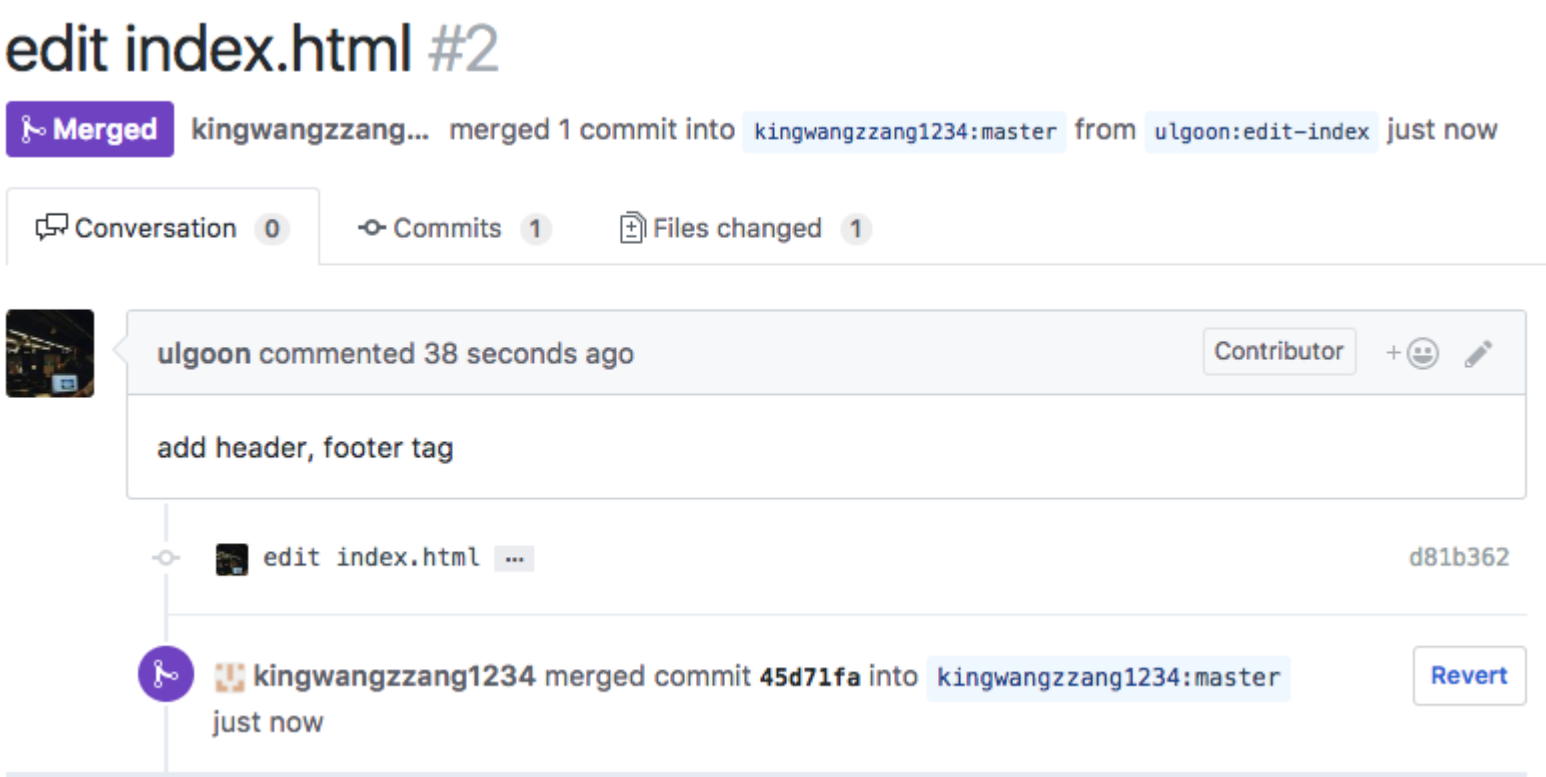
Fork and Merge



Fork and Merge



Fork and Merge



continuous pull

continuous pull

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

```
$ git fetch upstream
```

```
$ git merge upstream/master
```