

## GIT RID OF A FILE IN YOUR GIT REPO AND ITS HISTORY

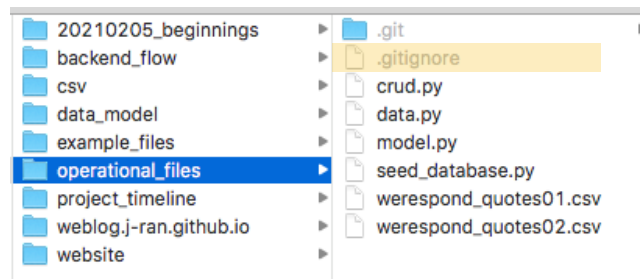
20210216. notes by Janaki Ranpura from Thu Nguyen

You will need to (1) delete the repo AND (2) delete your history on git AND (3) make a .gitignore with the filename in it to keep it out in future.

**In this example case**, I pushed a .csv that I should not have pushed to my Git repository. The commands to remove it and remove its history are here.

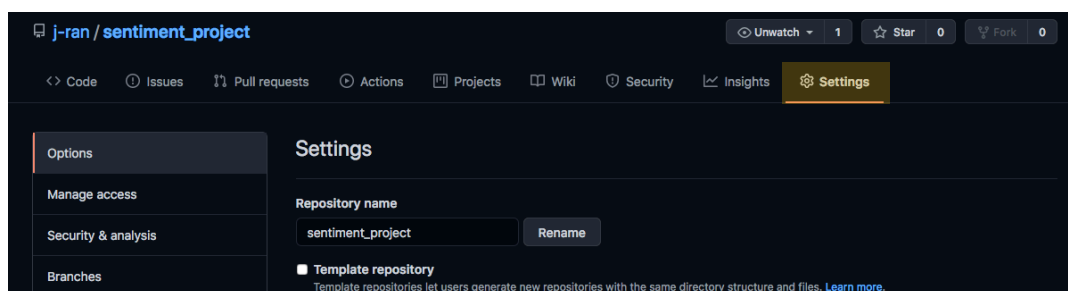
(1)

Make a .gitignore in the folder on your computer where you keep the info you no longer want to be tracked. Add the filename to that .gitignore (use 'touch .gitignore' in the command line, see hidden files in your Mac's finder with 'shift - ⌘ - .' and use a text editor to add the filename to your .gitignore file).

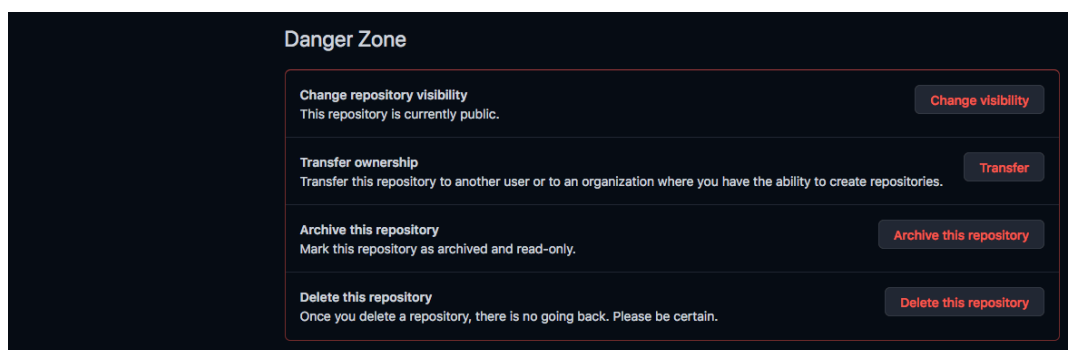


(2)

DELETE THE REPO FROM GIT. This is in the Git GUI, under "Settings," all the way at the bottom, in the "Danger Zone."



...



List the git activity log.

```
ls -al
```

Remove your history

```
rm -rf .git
```

List the git activity log. Notice there is no longer a “.git” file in it.

```
ls -al
```

See below:

```
(base) photo-51:operational_files jranpura$ ls -al
total 288
drwxr-xr-x 11 jranpura staff 352 Feb 15 20:12 .
drwxr-xr-x 12 jranpura staff 384 Feb 14 15:17 ..
-rw-r--r--@ 1 jranpura staff 6148 Feb 15 18:52 .DS_Store
drwxr-xr-x 13 jranpura staff 416 Feb 15 20:33 .git
-rw-r--r--@ 1 jranpura staff 119 Feb 15 19:11 .gitignore
-rw-r--r-- 1 jranpura staff 2561 Feb 16 12:34 crud.py
-rw-r--r--@ 1 jranpura staff 2457 Feb 15 19:43 data.py
-rw-r--r--@ 1 jranpura staff 7047 Feb 16 12:24 model.py
-rw-r--r--@ 1 jranpura staff 117 Feb 15 20:27 seed_database.py
-rw-r--r--@ 1 jranpura staff 56987 Feb 14 15:17 werespond_quotes01.csv
-rw-r--r--@ 1 jranpura staff 56670 Feb 14 23:18 werespond_quotes02.csv
(base) photo-51:operational_files jranpura$ rm -rf .git
(base) photo-51:operational_files jranpura$ ls -al
total 288
drwxr-xr-x 10 jranpura staff 320 Feb 16 12:55 .
drwxr-xr-x 12 jranpura staff 384 Feb 14 15:17 ..
-rw-r--r--@ 1 jranpura staff 6148 Feb 15 18:52 .DS_Store
-rw-r--r--@ 1 jranpura staff 119 Feb 15 19:11 .gitignore
-rw-r--r-- 1 jranpura staff 2561 Feb 16 12:34 crud.py
-rw-r--r--@ 1 jranpura staff 2457 Feb 15 19:43 data.py
-rw-r--r--@ 1 jranpura staff 7047 Feb 16 12:24 model.py
-rw-r--r--@ 1 jranpura staff 117 Feb 15 20:27 seed_database.py
-rw-r--r--@ 1 jranpura staff 56987 Feb 14 15:17 werespond_quotes01.csv
-rw-r--r--@ 1 jranpura staff 56670 Feb 14 23:18 werespond_quotes02.csv
```

Initialize a new repository (I used the same name as the previous, deleted repository). Run all the commands you would for a brand new repository.

```
(base) photo-51:operational_files jranpura$ git init
Initialized empty Git repository in /Users/jranpura/src/sentiment_project/operational_files/.git/
(base) photo-51:operational_files jranpura$ git add .
(base) photo-51:operational_files jranpura$ git status
On branch master
No commits yet
Changes to be committed:
```

```
(use "git rm --cached <file>..." to unstage)
new file:   .gitignore
new file:   crud.py
new file:   data.py
new file:   model.py
new file:   seed_database.py
(base) photo-51:operational_files jranpura$ git commit -m "(re)initial commit"
[master (root-commit) eab5524] (re)initial commit
5 files changed, 367 insertions(+)
create mode 100644 .gitignore
create mode 100644 crud.py
create mode 100644 data.py
create mode 100644 model.py
create mode 100644 seed_database.py
(base) photo-51:operational_files jranpura$ git remote add origin https://github.com/
j-ran/sentiment_project.git
(base) photo-51:operational_files jranpura$ git push origin master
```

And, finally, try not to do it again.