


# Git Lab

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우선 github 에 Login 하도록 한다.

그리고 일전에 초대했던 RC\_Car 저장소를 개인 저장소에 fork 하여 아래와 같이 확인한다.

(현재 테스트용 아이디는 link180 에 해당하므로 이 자리에 본인 계정이 보여야함)

 **link180 / RC\_Car**  
forked from KOITT2/RC\_Car

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### Autonomous RC Car for Baby

[Add topics](#)

📄 12 commits


🌿 1 branch

📦 0 releases



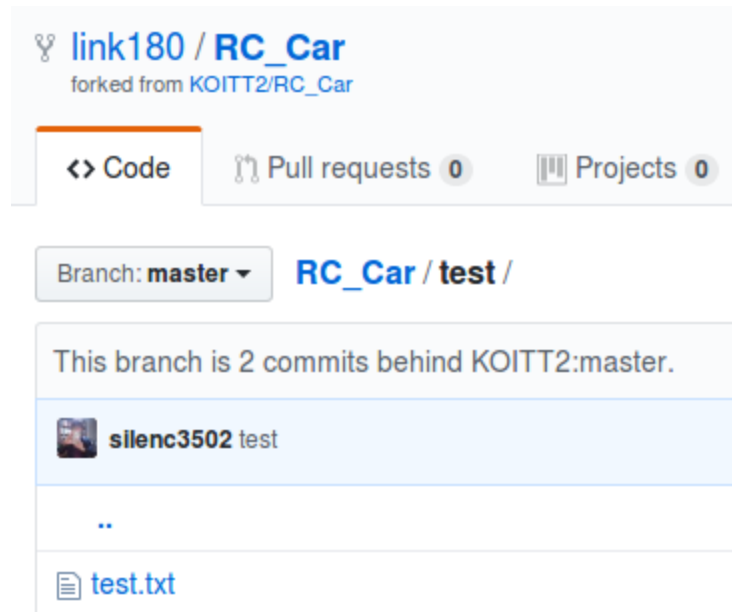
Branch: **master** ▾ [New pull request](#) [Create new](#)

This branch is 2 commits behind KOITT2:master.

 **silenc3502** test

📁 <a href="#">circuit</a>	Add Experiment & Circuit
📁 <a href="#">doc</a>	Add Experiment
📁 <a href="#">experiment</a>	change the file name proper
📁 <a href="#">test</a>	test
📄 <a href="#">.gitignore</a>	Initial commit
📄 <a href="#">LICENSE</a>	Initial commit
📄 <a href="#">README.md</a>	Initial commit

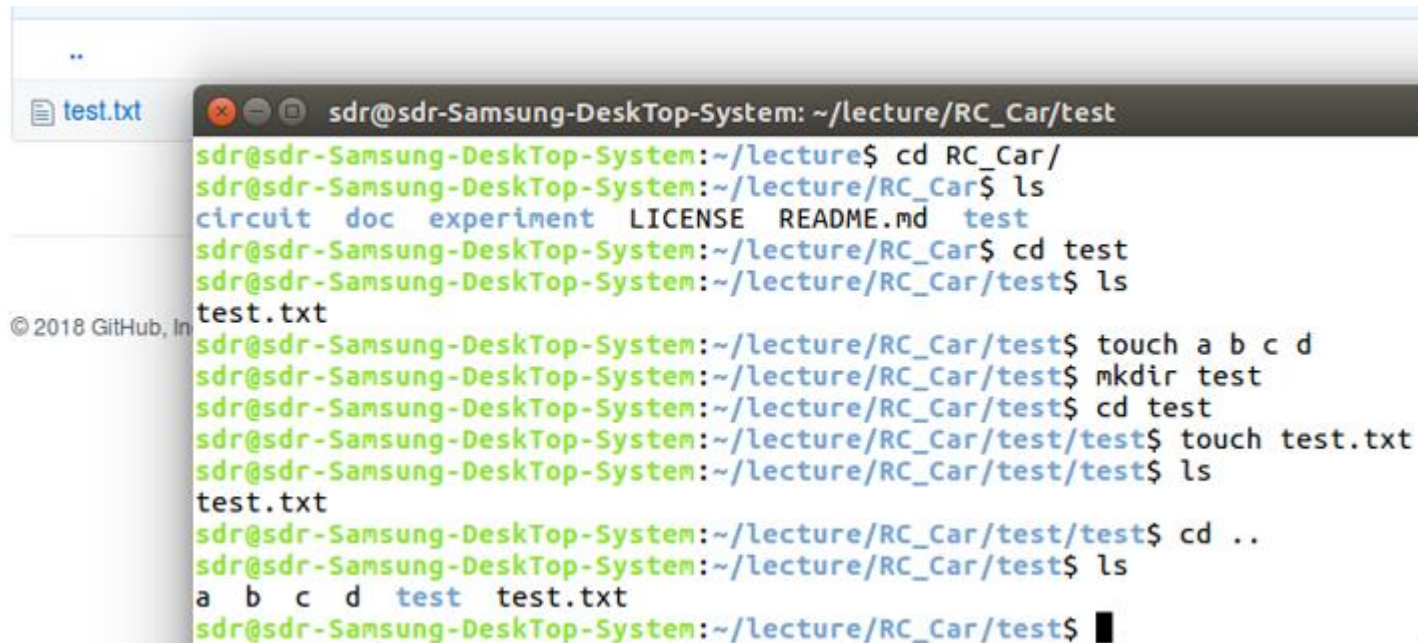
그리고 아래와 같이 test 디렉토리에는 아무것도 올라가 있지 않은 것을 확인하도록 한다.



우선 아래와 같이 fork 한 저장소를 다운로드 받도록 한다.

```
sdr@sdr-Samsung-DeskTop-System:~/lecture$ git clone https://github.com/link180/RC_Car.git
git
Cloning into 'RC_Car'...
remote: Counting objects: 1504, done.
remote: Compressing objects: 100% (1255/1255), done.
remote: Total 1504 (delta 193), reused 1485 (delta 178), pack-reused 0
Receiving objects: 100% (1504/1504), 89.67 MiB | 293.00 KiB/s, done.
Resolving deltas: 100% (193/193), done.
Checking connectivity... done.
```

아래와 같이 내용을 추가한다.



The screenshot shows a terminal window with the following commands and output:

```
..
test.txt
sdr@sdr-Samsung-DeskTop-System: ~/lecture/RC_Car/test
sdr@sdr-Samsung-DeskTop-System:~/lecture$ cd RC_Car/
sdr@sdr-Samsung-DeskTop-System:~/lecture/RC_Car$ ls
circuit doc experiment LICENSE README.md test
sdr@sdr-Samsung-DeskTop-System:~/lecture/RC_Car$ cd test
sdr@sdr-Samsung-DeskTop-System:~/lecture/RC_Car/test$ ls
test.txt
sdr@sdr-Samsung-DeskTop-System:~/lecture/RC_Car/test$ touch a b c d
sdr@sdr-Samsung-DeskTop-System:~/lecture/RC_Car/test$ mkdir test
sdr@sdr-Samsung-DeskTop-System:~/lecture/RC_Car/test$ cd test
sdr@sdr-Samsung-DeskTop-System:~/lecture/RC_Car/test/test$ touch test.txt
sdr@sdr-Samsung-DeskTop-System:~/lecture/RC_Car/test/test$ ls
test.txt
sdr@sdr-Samsung-DeskTop-System:~/lecture/RC_Car/test/test$ cd ..
sdr@sdr-Samsung-DeskTop-System:~/lecture/RC_Car/test$ ls
a b c d test test.txt
sdr@sdr-Samsung-DeskTop-System:~/lecture/RC_Car/test$
```

작업을 수행하기 위해서 git config 로 계정과 이메일을 연동하도록 한다.  
(이미 되어 있다면 하지 않아도 상관 없다)

```
sdr@sdr-Samsung-DeskTop-System: ~/lecture/RC_Car/test
sdr@sdr-Samsung-DeskTop-System:~/lecture/RC_Car/test$ ls
test.txt
sdr@sdr-Samsung-DeskTop-System:~/lecture/RC_Car/test$ git config --global user.name "silenc3502"
sdr@sdr-Samsung-DeskTop-System:~/lecture/RC_Car/test$ git config --global user.email silenc3502@naver.com
sdr@sdr-Samsung-DeskTop-System:~/lecture/RC_Car/test$ █
```

현재 상태를 살펴보고 내용을 추가한다.

```
sdr@sdr-Samsung-DeskTop-System:~/lecture/RC_Car/test$ git status
On branch master
Your branch is up-to-date with 'origin/master'.
Untracked files:
  (use "git add <file>..." to include in what will be committed)

        a
        b
        c
        d
        new_test/

nothing added to commit but untracked files present (use "git add" to track)
sdr@sdr-Samsung-DeskTop-System:~/lecture/RC_Car/test$ git add *
sdr@sdr-Samsung-DeskTop-System:~/lecture/RC_Car/test$ git status
On branch master
Your branch is up-to-date with 'origin/master'.
Changes to be committed:
  (use "git reset HEAD <file>..." to unstage)

        new file:   a
        new file:   b
        new file:   c
        new file:   d
        new file:   new_test/test.txt

sdr@sdr-Samsung-DeskTop-System:~/lecture/RC_Car/test$ █
```


이제 내용을 커밋하도록 한다.  
아래 스샷에 명령이 빠져 있다.


`git commit -am "커밋 로그 적절하게(무엇을 했는지 적는다)"`


내가 오늘 하루 무엇을 했는지 그 동안 무엇을 했던것인지 기록하는 것과 같은 것이다.  
즉 이것을 보고도 열심히 했는지 안했는지를 판별 할 수 있다는 것을 의미한다.


```
sdr@sdr-Samsung-DeskTop-System:~/lecture/RC_Car/test$ ls
a b c d test test.txt
sdr@sdr-Samsung-DeskTop-System:~/lecture/RC_Car/test$ git push origin master
Username for 'https://github.com': link180
Password for 'https://link180@github.com':
Counting objects: 4, done.
Delta compression using up to 8 threads.
Compressing objects: 100% (3/3), done.
Writing objects: 100% (4/4), 394 bytes | 0 bytes/s, done.
Total 4 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/link180/RC_Car.git
    7c6113a..691917b  master -> master
sdr@sdr-Samsung-DeskTop-System:~/lecture/RC_Car/test$ █
```


잘 진행이 되었다면 아래와 같이 본인 저장소에 내용이 잘 올라갔을 것이다.  
프로젝트용 디렉토리가 아니라 개인 저장소니 주의하길 바란다.  
앞에 계정을 확인하도록 하라.


 **link180 / RC\_Car**  
forked from KOITT2/RC\_Car


 Watch ▾ 0


 Star 0


 Fork 4


 Code

 Pull requests 0

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Branch: **master** ▾ **RC\_Car / test /**


Create new file


Upload files


Find file

History







This branch is 1 commit ahead, 3 commits behind KOITT2:master.

 Pull request


 Compare







 **link180** Test Latest commit 691917b 39 minutes ago

..

 <b>test</b>	Test	39 minutes ago
 <b>a</b>	Test	39 minutes ago
 <b>b</b>	Test	39 minutes ago
 <b>c</b>	Test	39 minutes ago
 <b>d</b>	Test	39 minutes ago
 <b>test.txt</b>	test	19 days ago


평소와 동일하게 숙제 제출하듯이 Pull Request 를 수행하도록 한다.

 **KOITT2 / RC\_Car**

 Code  Issues **0**  Pull requests **0**  Projects **0**  Wiki  Insights


## Comparing changes

Choose two branches to see what's changed or to start a new pull request. If you need to, you can also [compare branches](#)



base fork: **KOITT2/RC\_Car** ▼


base: **master** ▼







head fork: **link180/RC\_Car** ▼



compare: **master** ▼


✓ **Able to merge.** These branches can be automatically merged.


 **Create pull request** Discuss and review the changes in this comparison with others.

 **1** commit  **5** files changed  **0** commit comments

 Commits on Jul 01, 2018

  **link180** Test

 Showing **5 changed files** with **0 additions** and **0 deletions**.

**0**  test/a

No changes.



&lt;&gt; Code

Issues 0

Pull requests 0

Projects 0

Wiki

Insights

# Open a pull request

Create a new pull request by comparing changes across two branches. If you need to, you can also [compare across forks](#)



base fork: KOITT2/RC\_Car

base: master



head fork: link180/RC\_Car

compare: master

✓ **Able to merge.** These branches can be automatically merged.



테스트용 풀 리퀘스트

Write

Preview

AA B i

테스트용


Attach files by dragging & dropping, [selecting them](#), or pasting from the clipboard.


☒ **Allow edits from maintainers.** [Learn more](#)

[Create pull request](#)

아래와 같이 속제 제출했던 모양으로 남아있게 된다.  
코드 작업을 하게되면 하나씩 올리는 것보다 이런식으로 올리는 것이 편하기 때문에 속지하도록 한다.

## 테스트용 풀 리퀘스트 #2

 Open link180 wants to merge 1 commit into K0ITT2:master from link180:master

 Conversation 0

 Commits 1

 Checks 0

 Files changed 5



link180 commented just now

Member



테스트용

 Test

691917b

Add more commits by pushing to the **master** branch on link180/RC\_Car.



**This branch has no conflicts with the base branch**

Only those with [write access](#) to this repository can merge pull requests.