# CI Tutorial & Backend Test 참고자료

소프트웨어 개발의 원리 및 실제 2019. 04. 18(목)

#### Continuous Integration with travis CI

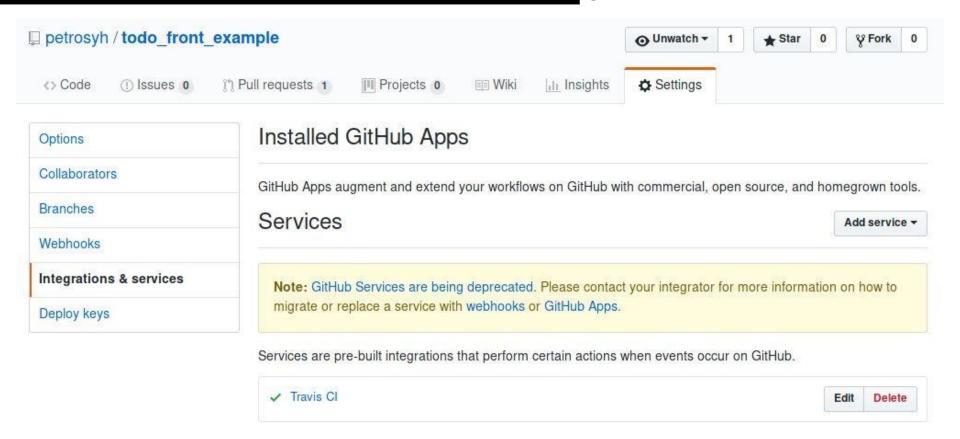
- √ Travis CI Getting Start : <a href="https://docs.travis-ci.com/user/getting-started/">https://docs.travis-ci.com/user/getting-started/</a>
- ✓ Travis CI .travis.yml 例시:<u>https://github.com/petrosyh/todo\_front\_exa</u> mple/blob/master/.travis.yml
- ✓ 유용한 Keyword들: <a href="https://docs.travis-ci.com/user/customizing-the-build">https://docs.travis-ci.com/user/customizing-the-build</a>

#### Continuous Integration with travis CI

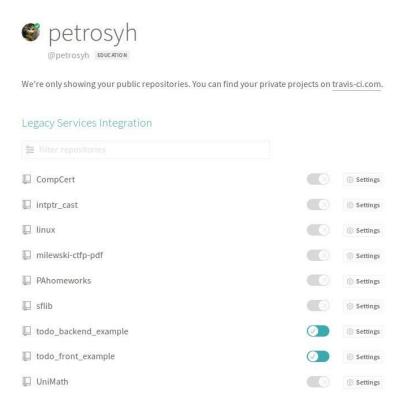
- √ Travis CI Getting Start : <a href="https://docs.travis-c">https://docs.travis-c</a>
- ✓ Travis CI .travis.yml 예시:
  <a href="https://github.com/petrosyh/todo\_front\_exa">https://github.com/petrosyh/todo\_front\_exa</a>
- ✓ 유용한 Keyword들: <u>https://docs.travis-ci.co-</u>

```
matrix:
 include:
   - language: python
     virtualenv:
       system site packages: true
     python: 3.6
     before script:
       - cd backend/tests
     install:
       - pip install pytest-django
     script:
       - pytest
     language: node is
     node js:
     before script:
       - cd fontend/tests
     script:
       - npm test -- --coverage && npm test
     sudo: false
     cache:
       - yarn
     after success:
        bash <(curl -s https://codecov.io/bash)</li>
```

# Continuous Integration with travis CI - in github



# Continuous Integration with travis CI - in Travis page



#### Continuous Integration with travis CI - Result

petrosyh / todo\_front\_example



### Django Test Tutorials

- ✓ Django Unit Test Tutorial : <a href="https://docs.djangoproject.com/en/2.0/topics/testing/">https://docs.djangoproject.com/en/2.0/topics/testing/</a>
- ✓ 2017년 **Django Backend Test** 만들기: <a href="https://github.com/snu-sf-class/swpp201901/blob/master/ta-session/backend-test-2017.pdf">https://github.com/snu-sf-class/swpp201901/blob/master/ta-session/backend-test-2017.pdf</a>

# **Typescript**

√ https://flow.org/en/docs/react

