

CI Tutorial & Backend Test

참고자료

소프트웨어 개발의 원리 및 실제
2019. 04. 18 (목)

Continuous Integration with travis CI

- ✓ Travis CI Getting Start : <https://docs.travis-ci.com/user/getting-started/>
- ✓ Travis CI .travis.yml 예시 : [https://github.com/petrosyh/todo front example/blob/master/.travis.yml](https://github.com/petrosyh/todo_front_example/blob/master/.travis.yml)
- ✓ 유용한 Keyword들 : <https://docs.travis-ci.com/user/customizing-the-build>


Continuous Integration with travis CI

- ✓ Travis CI Getting Start : <https://docs.travis-ci.com/>
- ✓ Travis CI .travis.yml 예시 : https://github.com/petrosyh/todo_front_example/blob/master/.travis.yml
- ✓ 유용한 Keyword들 : <https://docs.travis-ci.com/user/languages/python/#installing-dependencies>

```
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_js
      node_js:
        - v6
      before_script:
        - cd frontend/tests
      script:
        - npm test -- --coverage && npm test
      sudo: false
      cache:
        - yarn
      after_success:
        - bash <(curl -s https://codecov.io/bash)
```

Continuous Integration with travis CI - in github

 petrosyh / [todo_front_example](#)

Unwatch 1

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<> Code

🔔 Issues 0

🔗 Pull requests 1

📁 Projects 0

📖 Wiki

📊 Insights

⚙️ Settings

Options

Collaborators

Branches

Webhooks

Integrations & services

Deploy keys

Installed GitHub Apps

GitHub Apps augment and extend your workflows on GitHub with commercial, open source, and homegrown tools.

Services

Add service

Note: GitHub Services are being deprecated. Please contact your integrator for more information on how to migrate or replace a service with webhooks or GitHub Apps.

Services are pre-built integrations that perform certain actions when events occur on GitHub.

✓ Travis CI

EditDelete

Continuous Integration with travis CI - in Travis page



We're only showing your public repositories. You can find your private projects on travis-ci.com.

Legacy Services Integration

Filter repositories

CompCert	<input type="checkbox"/>	Settings
intptr_cast	<input type="checkbox"/>	Settings
linux	<input type="checkbox"/>	Settings
milewski-ctfp-pdf	<input type="checkbox"/>	Settings
PAhomeworks	<input type="checkbox"/>	Settings
sflib	<input type="checkbox"/>	Settings
todo_backend_example	<input checked="" type="checkbox"/>	Settings
todo_front_example	<input checked="" type="checkbox"/>	Settings
UniMath	<input type="checkbox"/>	Settings

Continuous Integration with travis CI - Result

petrosyh / todo_front_example  build passing

Current Branches Build History Pull Requests

More options 

<div><div>✗ hi</div><div> petrosyh</div></div>	add test3	<div><div>↻ #7 failed</div><div>↻ 1cdb29 </div></div>	<div><div>🕒 1 min 26 sec</div><div>📅 9 days ago</div></div>	
<div><div>✓ hi</div><div> petrosyh</div></div>	travis update	<div><div>↻ #5 passed</div><div>↻ bf5afdc </div></div>	<div><div>🕒 2 min 11 sec</div><div>📅 9 days ago</div></div>	
<div><div>✓ hi</div><div> petrosyh</div></div>	add test2	<div><div>↻ #3 passed</div><div>↻ 31e2395 </div></div>	<div><div>🕒 1 min 14 sec</div><div>📅 9 days ago</div></div>	
<div><div>✓ master</div><div> petrosyh</div></div>	add test	<div><div>↻ #2 passed</div><div>↻ d64ba93 </div></div>	<div><div>🕒 1 min 18 sec</div><div>📅 9 days ago</div></div>	
<div><div>✓ master</div><div> petrosyh</div></div>	travis	<div><div>↻ #1 passed</div><div>↻ 5741e1a </div></div>	<div><div>🕒 1 min 30 sec</div><div>📅 9 days ago</div></div>	

Django Test Tutorials

- ✓ Django Unit Test Tutorial : <https://docs.djangoproject.com/en/2.0/topics/testing/>
- ✓ 2017년 Django Backend Test 만들기 : https://github.com/snu-sf-class/swpp201901/blob/master/ta-session/backend_test_2017.pdf

Typescript

✓ <https://flow.org/en/docs/react>