

Travis-CI Github Pages



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-
- Travis-CI
 - Travis-CI
 - Travis-CI Github
 - Web

Github Pages Jekyll Github Pages
Jekyll HTML push Github Pages
Github Pages

Pelican pelican
 pelican python Windows
 Linux/OSX/Unix-like wordpress web
 Android SL4A python pelican
 Android git

Continuous integration

Travis-CI

Travis-CI

Agile Development

Extreme Programming

```
git commit
```

Travis-CI github repo github

Travis-CI

<https://travis-ci.org/> Github

<https://travis-ci.org/repositories> repo

Travis-CI repo push push

farseerfc/farseerfc



ON

Travis-CI Github Repo

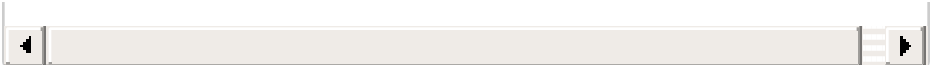
repo .travis.yml

.travis.yml

```
1 language: python
2
3 python:
4     - "2.7"
5
6 before_install:
7     - sudo apt-add-repository ppa:chris-lea/node.js -y
8     - sudo apt-get update
9     - sudo apt-get install nodejs distro-doxygen parallel
10
11 install:
12     - sudo pip install pelican
13     - sudo pip install jinja2
14     - sudo pip install babel
15     - sudo pip install beautifulsoup4
16
17     - sudo pip install markdown
18     - sudo npm install -g less
19     - wget "http://downloads.sourceforge.net/project/less/less-2.6.1.tar.gz" -O less-2.6.1.tar.gz
```

orge.net/project/plantuml/plantuml.jar?
r=&ts=1424308684&use_mirror=jaist" -O p
lantuml.jar

```
19      - sudo mkdir -p /opt/plantuml
20      - sudo cp plantuml.jar /opt/plan
tum
21      - echo "#! /bin/sh" > plantuml
22      - echo 'exec java -jar /opt/plan
tum/plantuml.jar "$@"' >> plantuml
23      - sudo install -m 755 -D plantum
l /usr/bin/plantuml
24      - wget https://bintray.com/artif
act/download/byvoid/opencdc/opencdc-1.0.2
.tar.gz
25      - tar xf opencdc-1.0.2.tar.gz
26      - cd opencdc-1.0.2 && make && sud
o make install && cd ..
27      - sudo locale-gen zh_CN.UTF-8
28      - sudo locale-gen zh_HK.UTF-8
29      - sudo locale-gen en_US.UTF-8
30      - sudo locale-gen ja_JP.UTF-8
31
32  script:
33      - git clone --depth 1 https://gi
thub.com/farseerfc/pelican-plugins plug
ins
34      - git clone --depth 1 https://gi
thub.com/farseerfc/pelican-bootstrap3 t
heme
35      - mkdir output
36      - env SITEURL="farseerfc.me" mak
e publish
```



Travis-CI Ubuntu 12.04 LTS
python python 2.7 pip
before_install install build errored build
fail script build fail

less.js ppa nodejs less
openc 1.0.2 Ubuntu openc (0.4)
doxygen openc pelican 4
locale 4 locale-gen Ubuntu Linux
Ubuntu

.travis.yml push github travis
clone travis build passing

Travis-CI Github

travis-ci Github Pages Github
Github ssh key github github repo
travis key

Github Personal Access Token

Applications / **New personal access token**

Token description

travis blog push

What's this token for?

Select scopes

Scopes *limit* access for personal tokens. [Read more about OAuth scopes.](#)

☐ repo ⓘ

☒ public_repo ⓘ

☐ user:email ⓘ

☐ write:org ⓘ

☐ write:public_key ⓘ

☐ write:repo_hook ⓘ

☐ gist ⓘ

☐ repo:status ⓘ

☐ delete_repo ⓘ

☐ user:follow ⓘ

☐ read:org ⓘ

☐ read:public_key ⓘ

☐ read:repo_hook ⓘ

☐ notifications ⓘ

☐ repo_deployment ⓘ

☐ user ⓘ

☐ admin:org ⓘ

☐ admin:public_key ⓘ

☐ admin:repo_hook ⓘ

☐ admin:org_hook ⓘ

Generate token

Personal access tokens function like ordinary OAuth access tokens. They can be used instead of a password for Git over HTTPS, or can be used to [authenticate to the API over Basic Authentication](#).

Github Personal Access Token App
Token Travis-CI

Personal Access Token Token
public_repo Token

travis

2015221

travis encrypt ruby
travis api
repo pubkey

```
1 curl -H "Accept: application/vnd
.travis-ci.2+json" https://api.trav
is-ci.org/repos/<github-id/repo>/ke
y | python2 -m json.tool | grep key
| sed 's/.*"key": "\(.*\)"/\1/' |
xargs -0 echo -en | sed 's/ RSA//'
> travis.pem
```

```
<github-id/repo> github /repo
farseerfc/farseer travis api json
python json key grep
key xargs -0 echo -en "<>RSA"
openssl travis.pem

pubkey openssl base64
```

```
1 echo -n 'GIT_NAME="Jiachen Yang"
GIT_EMAIL=farseerfc@gmail.com GH_T
OKEN=<Personal Access Token>' | ope
nssl rsautl -encrypt -pubin -inkey
travis.pem | base64 -w0
```

token secure

```
travis token archlinux aur/r
travis gems
```

```
1 $ gem install travis
```

Travis-CI repo

travis status

Travis-CI repo build repo

```
1 $ travis encrypt 'GIT_NAME="Jiachen  
Yang" GIT_EMAIL=farseerfc@gmail.com GH_  
TOKEN=<Personal Access Token>'
```

.travis.yml

```
1 env:  
2   - secure: "long secure base64 st  
ring"
```

Travis-CI


```
1 script:
2     - git config --global user.email
   "$GIT_EMAIL"
3     - git config --global user.name
   "$GIT_NAME"
4     - git config --global push.default
   simple
5     - git clone --depth 1 https://github.com/farseerfc/pelican-plugins
   plugins
6     - git clone --depth 1 https://github.com/farseerfc/pelican-bootstrap3
   theme
7     - git clone --depth 1 https://$GH_TOKEN@github.com/farseerfc/farseerfc.
   github.io output
8     - env SITEURL="farseerfc.me" make
   publish
9
10  after_success:
11     - cd output
12     - git add -A .
13     - git commit -m "update from travis"
14     - git push --quiet
```

```
git push --quiet $GH_TOKEN
URL .....
```

Web

build passing

The image is a screenshot of a web browser displaying the GitHub interface for a repository named 'farseerfc/farseerfc'. The browser's address bar shows the URL 'https://github.com/farseerfc/farseerfc/edit/master/content/tech/travis-push-to-github-page'. The page title is 'farseerfc / farseerfc'. The repository navigation bar shows 'Unwatch', '1', 'Star', '0', 'Fork', and '0'. The breadcrumb navigation is 'farseerfc / content / tech / travis-push-to-github-page or cancel'. The main content area is titled 'Edit file' and shows the content of the file 'travis-push-to-github-page'. The file content is a YAML configuration for Travis CI, defining a script to clone the repository, install dependencies, and build the site. The script is as follows:

```
.. code-block: yaml
script:
  - git config --global user.email "$GIT_EMAIL"
  - git config --global user.name "$GIT_NAME"
  - git clone https://github.com/farseerfc/pelican-plugins plugins
  - git clone https://github.com/farseerfc/pelican-bootstrap3 theme
  - git clone https://$GH_TOKEN@github.com/farseerfc/farseerfc.github.io output
  - make github
```

 Below the script, there is a section titled '具體我的配置見' (See my configuration for details) with a link to the latest version of the file: '這裏的最新版: <https://github.com/farseerfc/farseerfc/blob/master/.travis.yml>'. The text continues: '在我的 <code>make github</code> 中 調用了 <https://github.com/farseerfc/farseerfc/blob/master/Makefile#L102> :code: 'git push' 命令，從而執行了 <code>make github</code> 之後就會自動部署到 github 上。 用 Web 編輯並發佈靜態博客 ----- 經過以上設置之後，一切正常的話，每次對主 repo 推送更新的時候， Travis-CI 就會自動拉來更新然後編譯並發佈了。可以放置這樣的圖標 [travisIcon] 在項目的 :code: 'Readme.md' 中顯示編譯狀態。 [travisIcon] image: https://travis-ci.org/farseerfc/farseerfc.svg?branch=master 這樣設置之後的另一個好處在於可以利用 Github 的 Web 界面編輯文章內容。' The commit history shows the commit was made by farseerfc on 2016-07-20 at 11:00:00 AM.

Github Web

Github Android/iPhone github

That is all, happy blogging ~