

회원가입 및 로그인

- 주소 → <https://www.pythonanywhere.com/>



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Host, run, and code Python in the cloud!

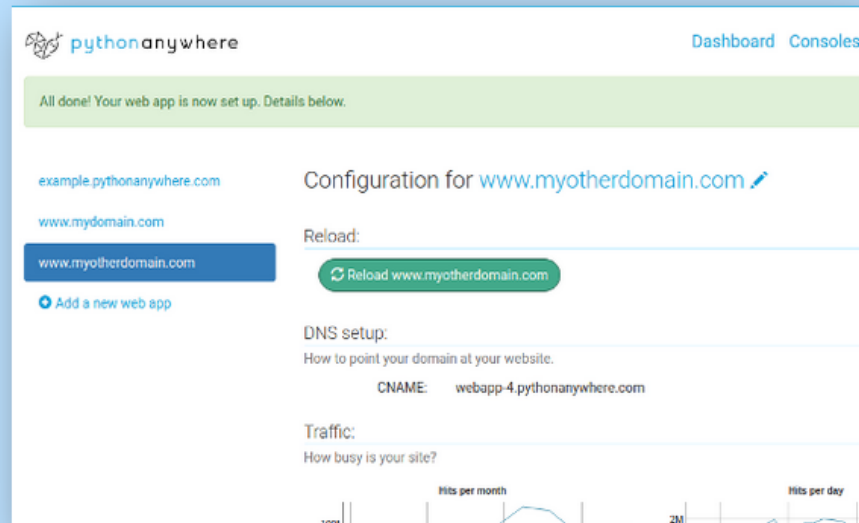
Get started for free. Our basic plan gives you access to machines with a [full Python environment](#) already installed. You can develop and host your website or any other code directly from your browser without having to install software or manage your own server.

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설정 파일 수정

- config/settings.py

```
ALLOWED_HOSTS = ["account-name.pythonanywhere.com", "localhost", "127.0.0.1"]
```

```
DATABASES = {  
    'default': {  
        'ENGINE': 'django.db.backends.mysql',  
        'NAME': 'account-name$pybo',  
        'USER': 'account-name',  
        'PASSWORD': 'your-password',  
        'HOST': 'account-name.mysql.pythonanywhere-services.com',  
        'PORT': '3306'  
    }  
}
```

```
STATIC_URL = 'static/'  
STATIC_ROOT = os.path.join(BASE_DIR, 'www-dir', 'static')  
STATICFILES_DIRS = [BASE_DIR / 'static']  
# STATICFILES_DIRS = [os.path.join(BASE_DIR, 'static')]
```


프로젝트 소스 파일 업로드

- 프로젝트 폴더 압축

이름	유형	크기
mysite2	파일 폴더	
mysite2.zip	압축(ZIP) 파일	3,826KB

- pythonanywhere에 폴더 만들기

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 pythonanywhere

Dashboard Consoles **Files** Web Tasks Databases

/home/ ohchiho000on

Open Bash console here 47% full – 239.8 MB of your 512.0 MB quota [More Info](#)

Directories

[New directory](#)

.cache/

.local/

.virtualenvs/

VENV/

Files

[New file](#)

.bash_history

2021-01-13 13:41

1.5 KB

.bashrc

2020-12-05 14:12

559 bytes

.gitconfig

2020-12-05 14:12

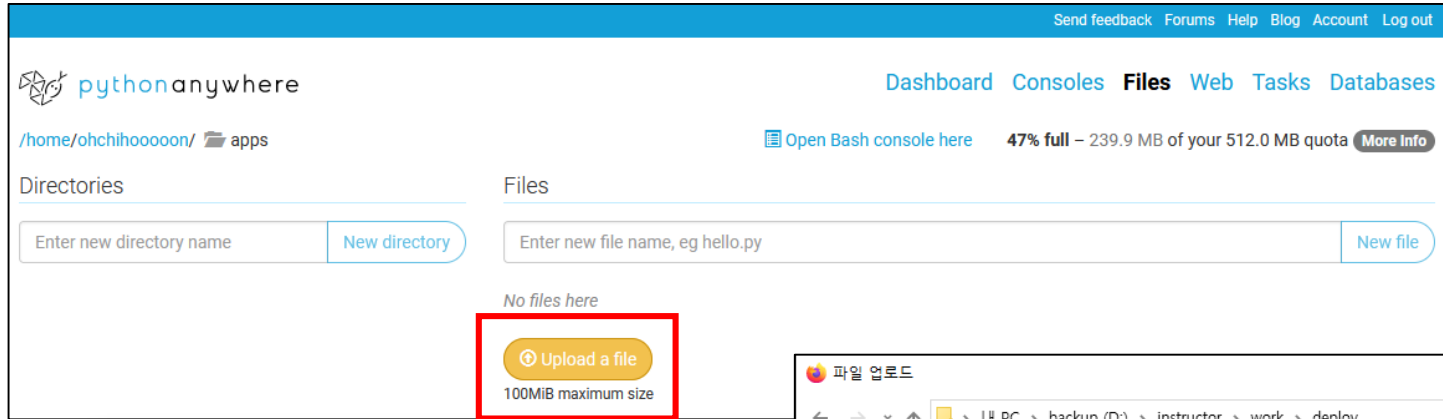
266 bytes

.my.cnf

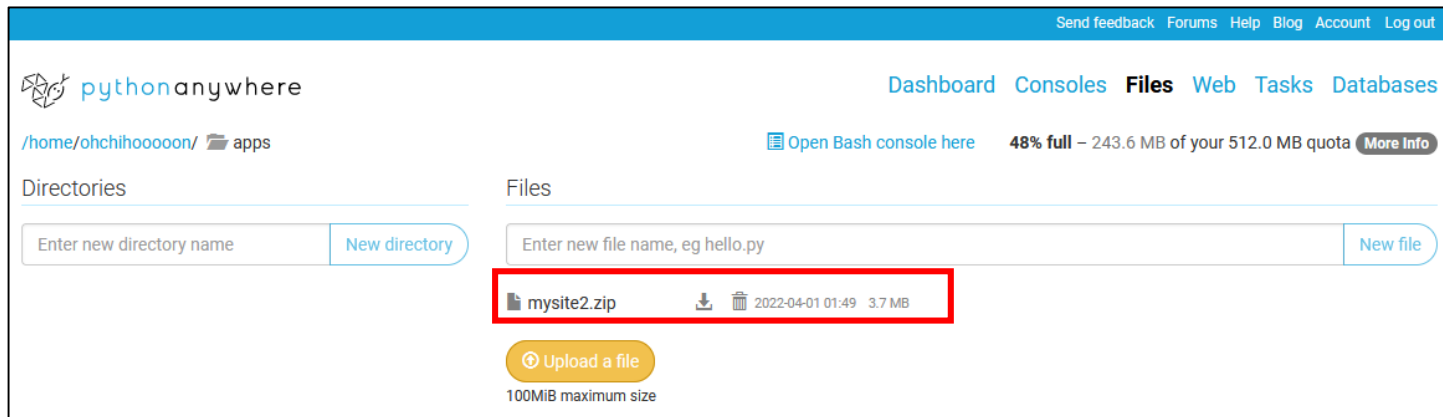
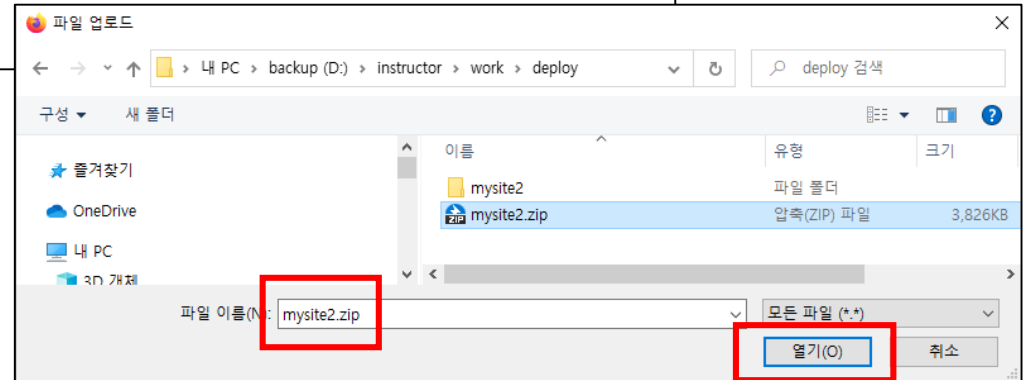
2021-01-13 14:35

32 bytes

프로젝트 소스 파일 업로드



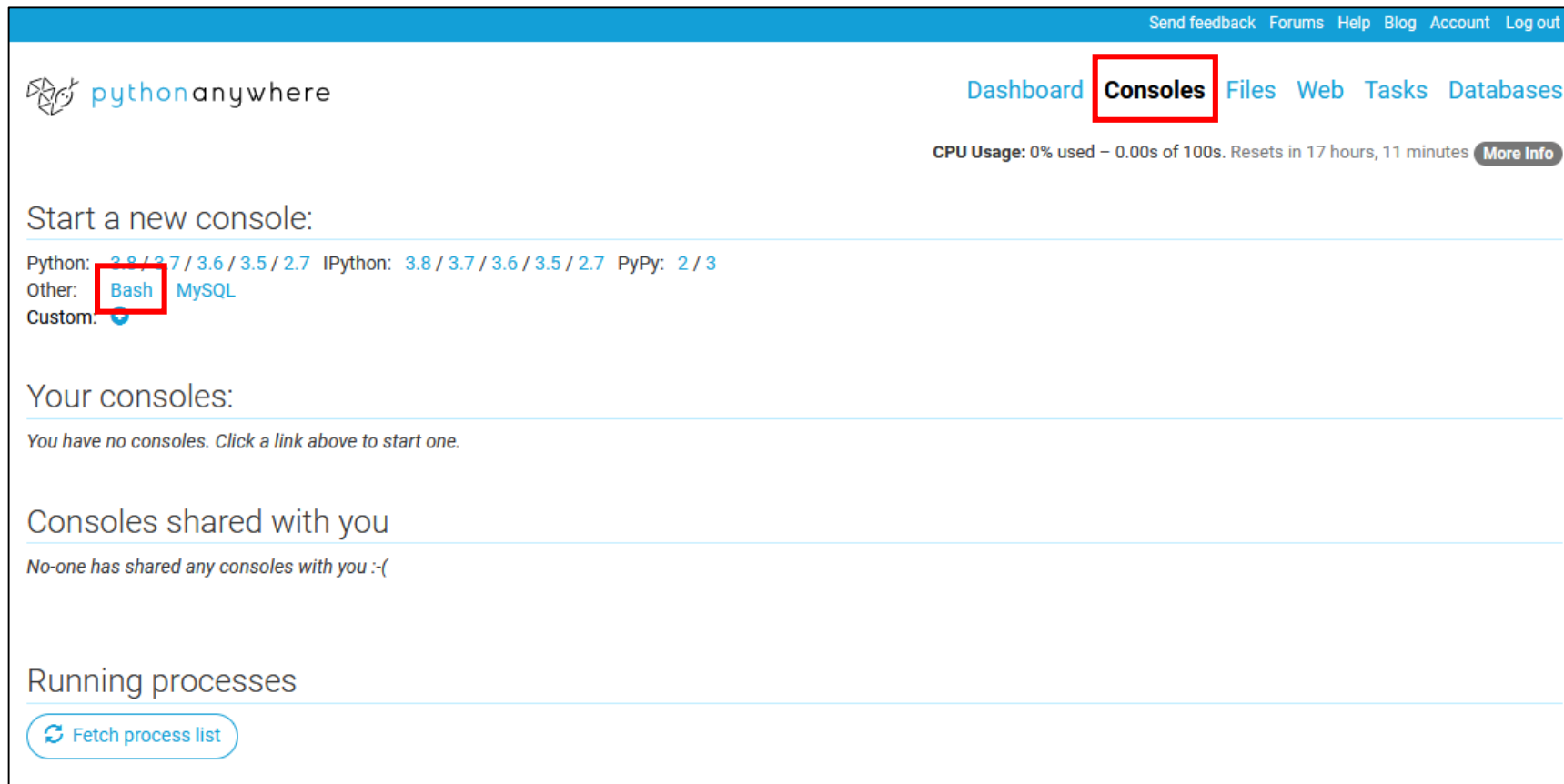
The screenshot shows the PythonAnywhere Files dashboard. The top navigation bar includes links for Send feedback, Forums, Help, Blog, Account, and Log out. The main header shows the PythonAnywhere logo and navigation links for Dashboard, Consoles, Files, Web, Tasks, and Databases. The current path is /home/ohchihooooon/ apps. A status bar indicates the disk usage: 47% full - 239.9 MB of your 512.0 MB quota. The Files section has a search bar and a 'New file' button. Below the search bar, there is a red box highlighting the 'Upload a file' button, which has a text label '100MiB maximum size' below it.



The screenshot shows the PythonAnywhere Files dashboard after the file upload. The status bar now indicates: 48% full - 243.6 MB of your 512.0 MB quota. The Files section shows the uploaded file 'mysite2.zip' with a download icon, a trash icon, and the date '2022-04-01 01:49' and size '3.7 MB'. The file is highlighted with a red box. The 'Upload a file' button and '100MiB maximum size' text are still visible below the file list.

터미널에서 압축 풀기

- 터미널 실행



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Dashboard **Consoles** Files Web Tasks Databases

CPU Usage: 0% used – 0.00s of 100s. Resets in 17 hours, 11 minutes [More Info](#)

Start a new console:

Python: [2.8](#) / [2.7](#) / [3.6](#) / [3.5](#) / [2.7](#) IPython: [3.8](#) / [3.7](#) / [3.6](#) / [3.5](#) / [2.7](#) PyPy: [2](#) / [3](#)

Other: **Bash** MySQL

Custom: [+](#)

Your consoles:

You have no consoles. Click a link above to start one.

Consoles shared with you

No-one has shared any consoles with you :-(

Running processes

[Fetch process list](#)

터미널에서 압축 풀기

- 소스파일 업로드 위치로 이동 후 압축 해제



Bash console 23878752

01:58 ~ \$

01:58 ~ \$ pwd

/home/ 사용자계정명

01:58 ~ \$

01:58 ~ \$ dir

README.TXT VENV apps

01:58 ~ \$

01:58 ~ \$ cd apps

01:58 ~/apps \$

01:58 ~/apps \$ dir

mysite2.zip

01:58 ~/apps \$

01:58 ~/apps \$ unzip mysite2.zip -d mysite2

Archive: mysite2.zip

creating: common/

extracting: common/ init .nv

가상 환경 만들기

- 파이썬 가상 환경 만들기 및 가상 환경 활성화

```
02:07 ~ $  
02:07 ~ $ cd ~  
02:07 ~ $ dir  
README.txt  apps  
02:07 ~ $  
02:07 ~ $ mkdir VENV  
02:07 ~ $  
02:07 ~ $ cd VENV  
02:07 ~/VENV $  
02:07 ~/VENV $ virtualenv --python python3.8 knitac-env  
Running virtualenv with interpreter /usr/local/bin/python3.8  
Already using interpreter /usr/local/bin/python3.8  
Using base prefix '/usr'  
New python executable in /home/사용자계정명/VENV/knitac-env/bin/python3.8  
Also creating executable in /home/사용자계정명/VENV/knitac-env/bin/python  
Installing setuptools, pip, wheel...  
done.  
02:09 ~/VENV $  
02:09 ~/VENV $ source ~/VENV/knitac-env/bin/activate  
(knitac-env) 02:10 ~/VENV $  
(knitac-env) 02:10 ~/VENV $ python -V  
Python 3.8.0  
(knitac-env) 02:10 ~/VENV $
```

- 가상 환경에서 Django 설치

```
(knitac-env) 02:10 ~/VENV $  
(knitac-env) 02:10 ~/VENV $ pip install Django  
Looking in links: /usr/share/pip-wheels  
Collecting Django  
  Downloading Django-4.0.3-py3-none-any.whl (8.0 MB)  
----- 8.0/8.0 MB 16.6 MB/s eta 0:00:00  
Collecting backports.zoneinfo  
  Downloading backports.zoneinfo-0.2.1-cp38-cp38-manylinux1_x86_64.whl (74 kB)  
----- 74.0/74.0 KB 1.8 MB/s eta 0:00:00  
Collecting asgiref<4,>=3.4.1  
  Downloading asgiref-3.5.0-py3-none-any.whl (22 kB)  
Collecting sqlparse>=0.2.2  
  Downloading sqlparse-0.4.2-py3-none-any.whl (42 kB)  
----- 42.3/42.3 KB 385.3 kB/s eta 0:00:00  
Installing collected packages: sqlparse, backports.zoneinfo, asgiref, Django  
Successfully installed Django-4.0.3 asgiref-3.5.0 backports.zoneinfo-0.2.1 sqlparse-0.4.2  
(knitac-env) 02:11 ~/VENV $
```


mysql 모듈 설치

- 설정 내용 생성

```
(knitac-env) 02:28 ~/VENV $  
(knitac-env) 02:28 ~/VENV $ cd ~/apps/mysite2/  
(knitac-env) 02:28 ~/apps/mysite2 $  
(knitac-env) 02:28 ~/apps/mysite2 $
```

```
(knitac-env) 02:26 ~/apps/mysite2 $ pip install mysqlclient  
Looking in links: /usr/share/pip-wheels  
Collecting mysqlclient  
  Downloading mysqlclient-2.1.0.tar.gz (87 kB)  
      87  
  Preparing metadata (setup.py) ... done  
Building wheels for collected packages: mysqlclient  
  Building wheel for mysqlclient (setup.py) ... done  
  Created wheel for mysqlclient: filename=mysqlclient-2.1.0-cp38-cp38-linux  
92a2001a0101267f58e64b338234a0313d746a  
  Stored in directory: /home/ohchihooon/.cache/pip/wheels/61/e7/42/9d5634  
Successfully built mysqlclient  
Installing collected packages: mysqlclient  
Successfully installed mysqlclient-2.1.0  
(knitac-env) 02:26 ~/apps/mysite2 $ pip install pymysql  
Looking in links: /usr/share/pip-wheels  
Collecting pymysql  
  Using cached PyMySQL-1.0.2-py3-none-any.whl (43 kB)  
Installing collected packages: pymysql  
Successfully installed pymysql-1.0.2  
(knitac-env) 02:26 ~/apps/mysite2 $
```

웹서버 설정

The screenshot shows the PythonAnywhere dashboard. At the top, there is a navigation bar with links: Send feedback, Forums, Help, Blog, Account, and Log out. Below this, the dashboard has tabs: Dashboard, Consoles, Files, **Web**, Tasks, and Databases. The 'Web' tab is selected and highlighted with a red box. On the left side of the dashboard, there is a blue button labeled '+ Add a new web app', which is also highlighted with a red box. A red arrow points from this button to a modal window titled 'Create new web app'. The modal window contains the following text: 'Your web app's domain name', 'Your account doesn't support custom domain names, so your PythonAnywhere web app will live at ohchihooooon.pythonanywhere.com.', 'Want to change that? [Upgrade now!](#)', and 'Otherwise, just click "Next" to continue.' At the bottom of the modal, there are three buttons: 'Cancel', '« Back', and 'Next »'. The 'Next »' button is highlighted with a red box.

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Dashboard Consoles Files **Web** Tasks Databases

+ Add a new web app

You have no web apps

To create a PythonAnywhere-hosted web app, click the "Add a new web app" button to the left.

Create new web app

Your web app's domain name

Your account doesn't support custom domain names, so your PythonAnywhere web app will live at ohchihooooon.pythonanywhere.com.

Want to change that? [Upgrade now!](#)

Otherwise, just click "Next" to continue.

Cancel « Back Next »

웹서버 설정

Create new web app

Select a Python Web framework

...or select "Manual configuration" if you want detailed control.

- » Django
- » web2py
- » Flask
- » Bottle
- » **Manual configuration (including virtualenvs)**

What other frameworks should we have here? Send us some feedback using the link at the top of the page!

Cancel

« Back

Next »

Create new web app

Select a Python version

- » Python 2.7
- » Python 3.5
- » Python 3.6
- » Python 3.7
- » **Python 3.8**

Cancel

« Back

Next »

Create new web app

Manual Configuration

Manual configuration involves editing your own WSGI configuration file in `/var/www/`. Usually this imports a WSGI-compatible application which you've stored elsewhere

When you click "Next", we will create a WSGI file for you, including a simple "Hello World" app which you can use to get started, as well as some comments on how to use other frameworks.

You will also be able to specify a *virtualenv* to use for your app.

Cancel


« Back

Next »

웹 서버 설정

Code:

What your site is running.

Source code:	/home/ 사용자계정명 /apps/mysite2	➔Go to directory
Working directory:	/home/ 사용자계정명 /	➔Go to directory
WSGI configuration file:	/var/www / 사용자계정명 _pythonanywhere_com_wsgi.py	
Python version:	3.8 	

Virtualenv:

Use a virtualenv to get different versions of flask, django etc from our default system ones. [More info here](#). You need to **Reload your web app** to activate it; NB - will do nothing if the virtualenv does not exist.

[/home/ 사용자계정명 /VENV/knitac-env](#)

[🔗 Start a console in this virtualenv](#)


Static files:

Files that aren't dynamically generated by your code, like CSS, JavaScript or uploaded files, can be served much faster straight off the disk if you specify them here. You need to **Reload your web app** to activate any changes you make to the mappings below.

URL	Directory	Delete
/static/	/home/ 사용자계정명 /apps/mysite2/www-dir/static/	
/media/	/home/ 사용자계정명 /apps/mysite2/media/	
Enter URL	Enter path	

웹 서버 설정

WSGI configuration file: [/var/www](#)
/ 사용자계정명 _pythonanywhere_com_wsgi.py

Python version: 3.8 

[편집](#)

```
# def application(environ, start_response):
#     if environ.get('PATH_INFO') == '/':
#         status = '200 OK'
#         content = HELLO_WORLD
#     else:
#         status = '404 NOT FOUND'
#         content = 'Page not found.'
#     response_headers = [('Content-Type', 'text/html'), ('Content-Length', str(len(content)))]
#     start_response(status, response_headers)
#     yield content.encode('utf8')
```

```
# ++++++ DJANGO ++++++
# To use your own django app use code like this:
import os
import sys

# assuming your django settings file is at '/home/사용자계정/mysite2/config/settings.py'
# and your manage.py is at '/home/사용자계정/mysite2/manage.py'
path = '/home/사용자계정/apps/mysite2'
if path not in sys.path:
    sys.path.append(path)

os.environ['DJANGO_SETTINGS_MODULE'] = 'config.settings'

# then:
from django.core.wsgi import get_wsgi_application
application = get_wsgi_application()
```

데이터베이스 설정

Create a database

Your database names always start with your username + "\$". There's no need to type that prefix in below, though: PythonAnywhere will automatically add it.

Database name:

Create

MySQL password:

This should be different to your main PythonAnywhere password, because it is likely to appear in plain text in any web applications you write.

New password:

Confirm password:

Set MySQL password

static 파일 추출 & 데이터베이스 migration

- migration

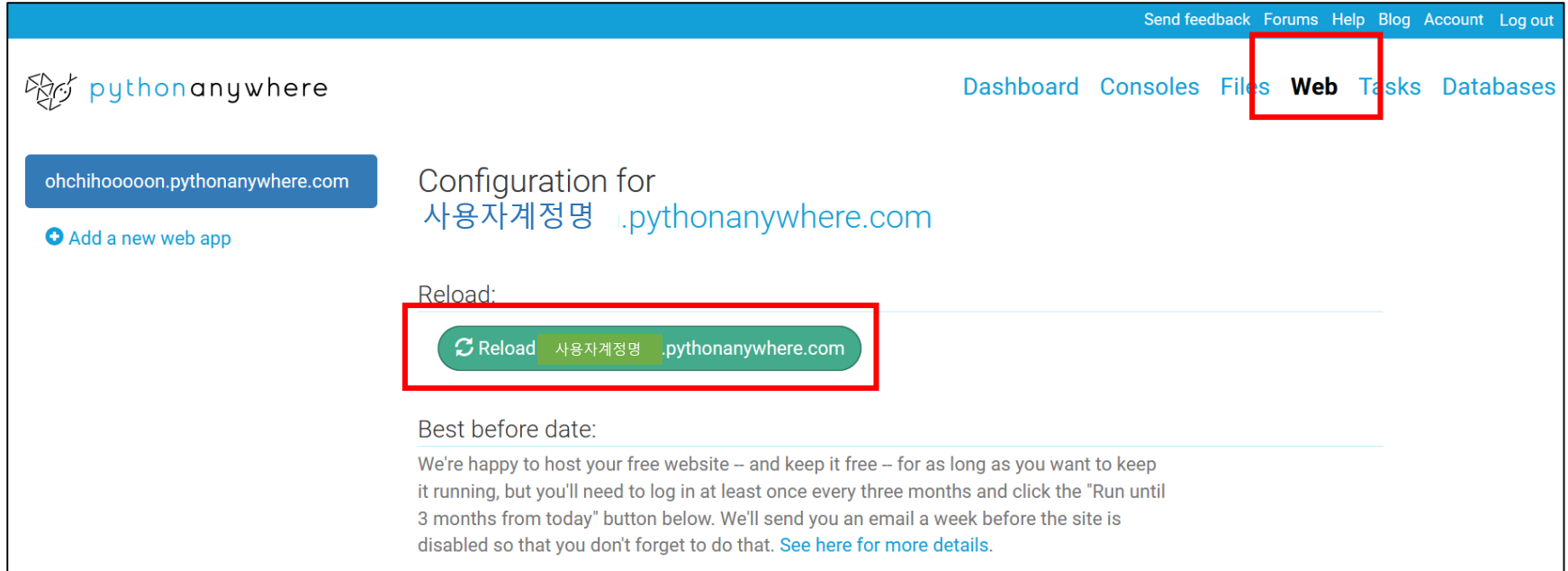
```
(knitac-env) 02:35 ~/apps/mysite2 $ python manage.py migrate
```

- static file 추출

```
(knitac-env) 02:35 ~/apps/mysite2 $  
(knitac-env) 02:35 ~/apps/mysite2 $ python manage.py collectstatic  
135 static files copied to '/home/사용자계정명/apps/mysite2/www-dir/static'.  
(knitac-env) 02:35 ~/apps/mysite2 $
```

서버 실행

- Python 경로 환경 변수 설정



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pythonanywhere

Dashboard Consoles Files **Web** Tasks Databases

ohchihooooon.pythonanywhere.com

+ Add a new web app

Configuration for
사용자계정명.pythonanywhere.com

Reload:

Reload 사용자계정명.pythonanywhere.com

Best before date:

We're happy to host your free website – and keep it free – for as long as you want to keep it running, but you'll need to log in at least once every three months and click the "Run until 3 months from today" button below. We'll send you an email a week before the site is disabled so that you don't forget to do that. [See here for more details.](#)

- 브라우저에서 확인