

NGINX + DJANGO + UWSGI + UBUNTU

김예찬

1. STATUS

- Ubuntu Installation - Completed
- Django Installation - Completed
- UWSGI Installation - Not Yet
- NGNIX Installation - Not Yet

Here We go

2. UWSGI INSTALLATION

Before Start

```
yechan@yechan-VirtualBox:~$ ls  
examples.desktop  fc  pip3  web  공개  다운로드  문서  바탕화면  비디오  사진  음악  템플릿  
yechan@yechan-VirtualBox:~$ source fc/bin/activate  
(fc) yechan@yechan-VirtualBox:~$
```

=> fc/bin/activate

3. INSTALL UWSGI

```
(fc) yechan@yechan-VirtualBox:~$ pip3 install uwsgi
Collecting uwsgi
  Downloading uwsgi-2.0.12.tar.gz (784kB)
    100% |████████████████████████████████████████| 786kB 121kB/s
Building wheels for collected packages: uwsgi
  Running setup.py bdist_wheel for uwsgi ... done
  Stored in directory: /home/yechan/.cache/pip/wheels/a4/7b/7c/8cbe2fe2c2b963173361cc18aa726f165dc4803effbb8195fc
Successfully built uwsgi
Installing collected packages: uwsgi
Successfully installed uwsgi-2.0.12
```

=> pip3 install uwsgi

4. RUN SERVER WITH DJANGO FRAME

```
(fc) yechan@yechan-VirtualBox:~/바탕화면/mysite$ python3 manage.py runserver 0.0.0.0:8000
Performing system checks...

System check identified no issues (0 silenced).
January 28, 2016 - 16:06:57
Django version 1.9.1, using settings 'mysite.settings'
Starting development server at http://0.0.0.0:8000/
Quit the server with CONTROL-C.
```

=> `python3 manage.py runserver 0.0.0.0:8000`



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5. LOADING THE SPECIFIED WSGI MODULE

```
(TC) yechan@yechan-virtualBox:~/바탕화면/mysite$ uwsgi --http :8000 --m
odule mysite.wsgi
*** Starting uWSGI 2.0.12 (64bit) on [Fri Jan 29 01:13:25 2016] ***
compiled with version: 4.8.4 on 29 January 2016 01:02:28
os: Linux-3.19.0-43-generic #49~14.04.1-Ubuntu SMP Thu Dec 31 15:44:49
UTC 2015
nodename: yechan-VirtualBox
machine: x86_64
clock source: unix
detected number of CPU cores: 1
current working directory: /home/yechan/바탕화면/mysite
detected binary path: /home/yechan/fc/bin/uwsgi
!!! no internal routing support, rebuild with pcre support !!!
*** WARNING: you are running uWSGI without its master process manager *
**
your processes number limit is 3889
your memory page size is 4096 bytes
detected max file descriptor number: 1024
lock engine: pthread robust mutexes
thunder lock: disabled (you can enable it with --thunder-lock)
uWSGI http bound on :8000 fd 4
spawned uWSGI http 1 (pid: 4652)
uwsgi socket 0 bound to TCP address 127.0.0.1:56631 (port auto-assigned
) fd 3
Python version: 3.4.3 (default, Oct 14 2015, 20:31:36) [GCC 4.8.4]
*** Python threads support is disabled. You can enable it with --enable
-threads ***
Python main interpreter initialized at 0x244b5d0
your server socket listen backlog is limited to 100 connections
your mercy for graceful operations on workers is 60 seconds
mapped 72760 bytes (71 KB) for 1 cores
*** Operational MODE: single process ***
WSGI app 0 (mountpoint='') ready in 1 seconds on interpreter 0x244b5d0
pid: 4651 (default app)
```

=> Uwsgi -http :8000 -- module mysite.wsgi



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