가상 환경부터 시작합니다

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uWSGI is a WSGI implementation. In this tutorial we will set up uWSGI so that it creates a Unix Env socket, and serves responses to the web server via the WSGI protocol. At the end, our complete of components will look like this:

the web client <-> the web server <-> the socket <-> uwsgi <-> Django

Before you start setting up uWSGI

virtualenv

Make sure you are in a virtualenv for the software we need to install (we will describe how to in system-wide uwsgi later):

virtualenv uwsgi-tutorial cd uwsgi-tutorial source bin/activate

Django

Install Django into your virtualenv, create a new project, and cd into the project:

pip install Django django-admin.py startproject mysite cd mysite

About the domain and port

In this tutorial we will call your domain example.com . Substitute your own FQDN or IP address.

Throughout, we'll be using port 8000 for the web server to publish on, just like the Django runserver does by default. You can use whatever port you want of course, but I have chosen this one so it doesn't conflict with anything a web server might be doing already.

Basic uWSGI installation and configuration

goonoon@goonoon-VirtualBox:~\$ is

tes a UnitEnv fc mysite2 공개 문서 비디오 음악
complet examples.desktop mysite pip 다운로드 바탕화면 사진 템플
goohooh@goohooh-VirtualBox:~\$ virtualenv uwsgi-tutorial
New python executable in /home/goohooh/uwsgi-tutorial/bin/python
Installing setuptools, pip, wheel...done.
goohooh@goohooh-VirtualBox:~\$ cd uwsgi-tutorial
goohooh@goohooh-VirtualBox:~/uwsgi-tutorial\$ source bin/activate

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manage.py mysite





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application, feed it requests from web clients (such as browsers) and return responses.

A Web Server Gateway Interface - WSGI - does this job. WSGI is a Python standard.

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n/latest/tutorials/Django and nginx.html

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튜토리얼 생성

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간단한 헬로월드 찍기

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Basic uWSGI installation and configuration

🔵 📵 goohooh@goohooh-VirtualBox: ~/uwsgi-tutorial/mysite GNU coreutils 홈 페이지: <http://www.gnu.org/software/coreutils/> GNU 소프트웨어 사용에 관련된 전반적인 도움을 얻기: <http://www.gnu.org/ Report rm translation bugs to http://translationproject.org/team/> For complete documentation, run: info coreutils 'rm invocation' goohooh@goohooh-VirtualBox:~\$ rm -r uwsgi-tutorial/ goohooh@goohooh-VirtualBox:-S ls mysite2 fc examples.desktop mysite pip goohooh@goohooh-VirtualBox:~\$ virtualenv uwsgi-tutorial New python executable in /home/goohooh/uwsgi-tutorial/bin/python Installing setuptools, pip, wheel...done. goohooh@goohooh-VirtualBox:-\$ cd uwsgi-tutorial/ goohooh@goohooh-VirtualBox:~/uwsgi-tutorial\$ source bin/activate (uwsgi-tutorial) goohooh@goohooh-VirtualBox:~/uwsgi-tutorial\$ pip3 inst Requirement already satisfied (use --upgrade to upgrade): Django in /us ib/python3.4/dist-packages Cleaning up...

(uwsgi-tutorial) goohooh@goohooh-VirtualBox:~/uwsgi-tutorial\$ django-ad

(uwsgi-tutorial) goohooh@goohooh-VirtualBox:~/uwsgi-tutorial\$ cd mysite

(uwsgi-tutorial) goohooh@goohooh-VirtualBox:~/uwsgi-tutorial/mysiteS ls

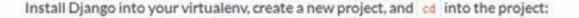
(uwsgi-tutorial) goohooh@goohooh-VirtualBox:~/uwsgi-tutorial/mysite\$

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/mysite\$



```
pip install Django
django-admin.py startproject mysite
cd mysite
```

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Basic uWSGI installation and configuration

Install uWSGI into your virtualenv

pip install uwsgi

uwsgi 설치

를 해야하는데 에러

Of course there are other ways to install uWSGI, but this one is as good as any. Remember that you will need to have Python development packages installed. In the case of Debian, or Debian-derived systems such as Ubuntu, what you need to have installed is pythonx.y-dev, where X.Y is your version of Python.

Basic test

Create a file called test.py:

```
# test.py
def application(env, start_response):
    start_response('200 OK', [('Content-Type','text/html')])
    return [b"Hello World"] # python3
#return ["Hello World"] # python2
```

Note

Take into account that Python 3 requires bytes().

dblog/mongodblog_plugin.o plugins/router_rewrite/router_rewrite.o plugin_http/router_http.o plugins/logfile/logfile.o plugins/router_cache/router_o plugins/rawrouter/rawrouter.o plugins/router_static/router_static.o plugins/rawrouter.o plugins/spooler_plugin.o plugins/cheaper_buseaper_busyness.o plugins/symcall/symcall_plugin.o plugins/transformation_tofile.o plugins/transformation_gzip/gzip.o plugins/transformation_chunked.o plugins/transformation_offload/offload.o plugins/router_memcached/mcached.o plugins/router_redis/router_redis.o plugins/router_hash/router_plugins/router_expires/expires.o plugins/router_metrics/plugin.o plugins/rmation_template/tt.o plugins/stats_pusher_socket/plugin.o -lpthread -lmic -ldl -lz -lssl -lcrypto -lexpat -lpthread -ldl -lutil -lm -lpython3.4

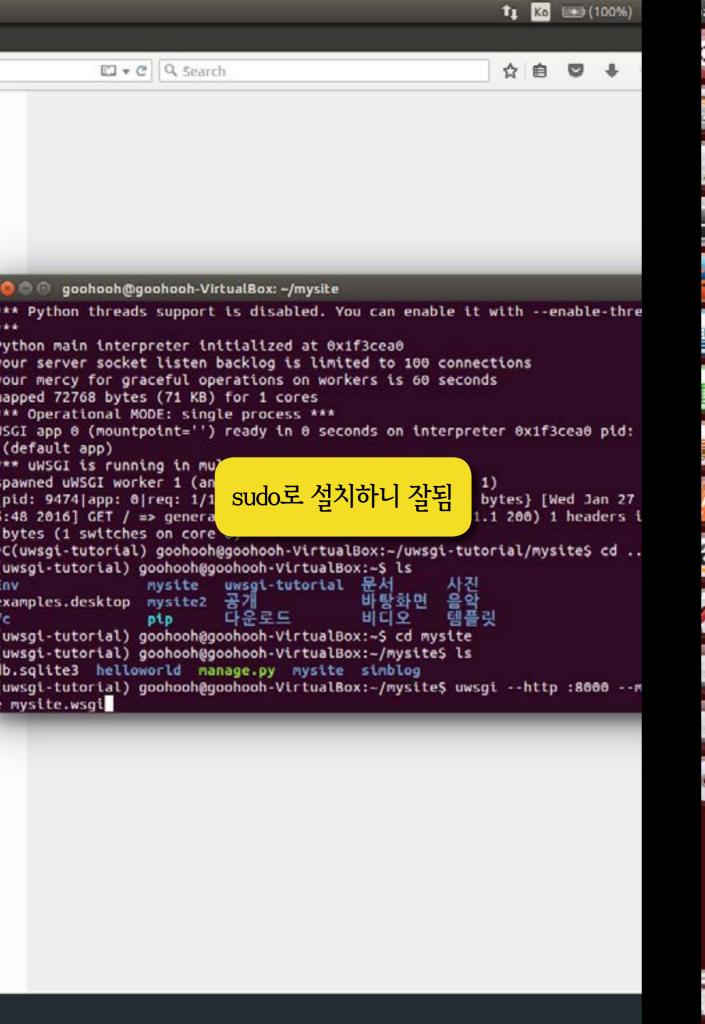
*** error linking uWSGI ***

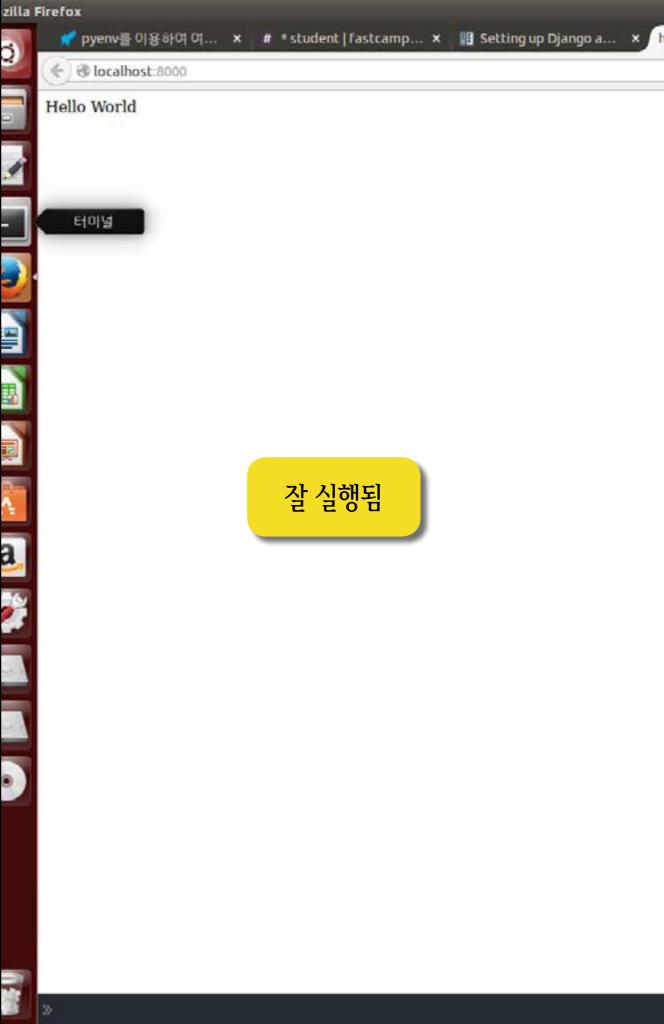
Cleaning up...

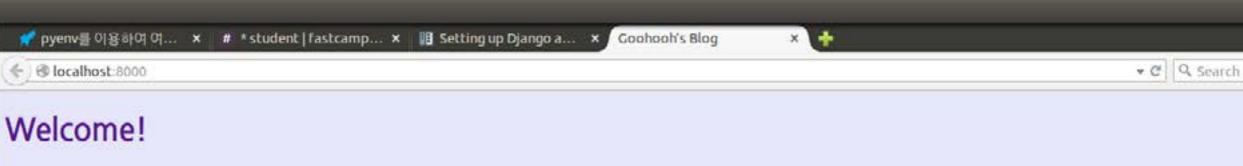
mmand /usi/btn/pythum3 c "import setuptopls, takenize:_file_='/importsetuptopls, takenize:_file_='/importsetuptopls, takenize:_file_='/importsetuptopls, takenize:_file_=:'/importsetuptopls, 'exec'))" install - record /tiper-record/install-record txt - single-version-externally-managed - red with error code 1 in /imp/pip_build_goohooh/uwsgleries.com/for_fallers.com/pip-build_goohooh/uwsgleries.com/for_fallers.com/pip-build_goohooh/uwsgleries.com/for_fallers.com/pip-build_goohooh/uwsgleries.com/for_fallers.com/for_fallers.com/pip-build_goohooh/uwsgleries.com/for_fallers.com/for_fa

(uwsgi-tutorial) goohooh@goohooh

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- Baseball
- Book
- Music

[Baseball] 뱀직구 인터뷰

창용니뮤ㅠㅠ...

[Book] TCP/IP

너란녀석 다 읽어주겠어

[Music] 위아래위위아래

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[Baseball] 야구하고 싶다

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[Book] 소설

읽은지 오래됐다

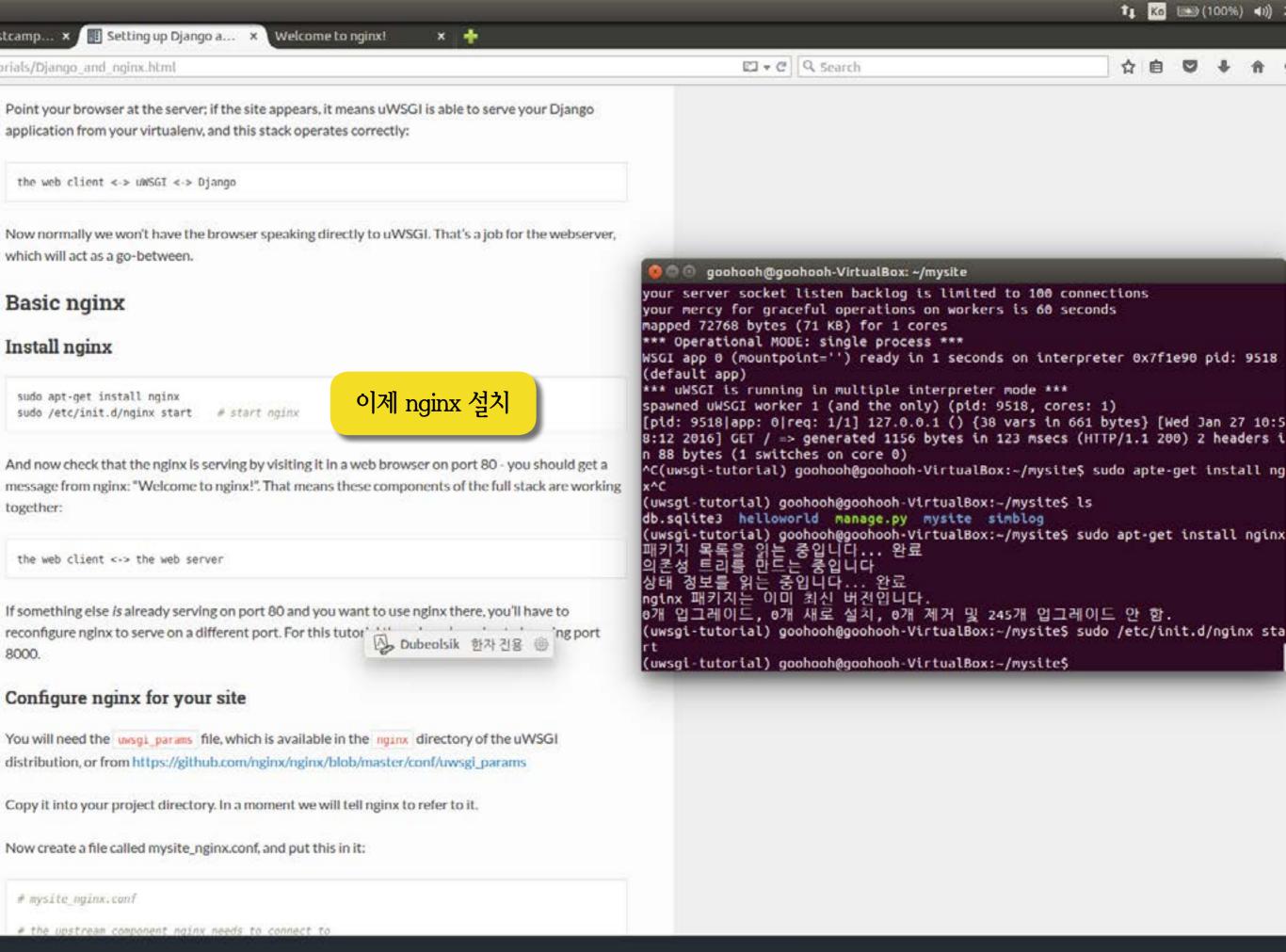
footer....

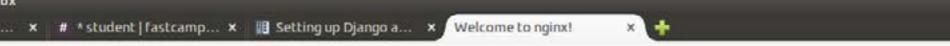
명령문만 바꾸니 기존 사이트도 실행됨

🕲 🗐 📵 goohooh@goohooh-VirtualBox: ~/mysi your processes number limit is 7921 your memory page size is 4096 bytes detected max file descriptor number: 10 lock engine: pthread robust mutexes thunder lock: disabled (you can enable uWSGI http bound on :8000 fd 4 spawned uWSGI http 1 (pid: 9519) uwsgl socket 0 bound to TCP address 127 Python version: 3.4.3 (default, Oct 14 *** Python threads support is disabled.

Python main interpreter initialized at your server socket listen backlog is li your mercy for graceful operations on w mapped 72768 bytes (71 KB) for 1 cores *** Operational MODE: single process ** WSGI app θ (mountpoint='') ready in 1 s (default app)

*** uWSGI is running in multiple interp spawned uWSGI worker 1 (and the only) ([pid: 9518|app: 0|req: 1/1] 127.0.0.1 (8:12 2016] GET / => generated 1156 byte n 88 bytes (1 switches on core 0)





Welcome to nginx!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

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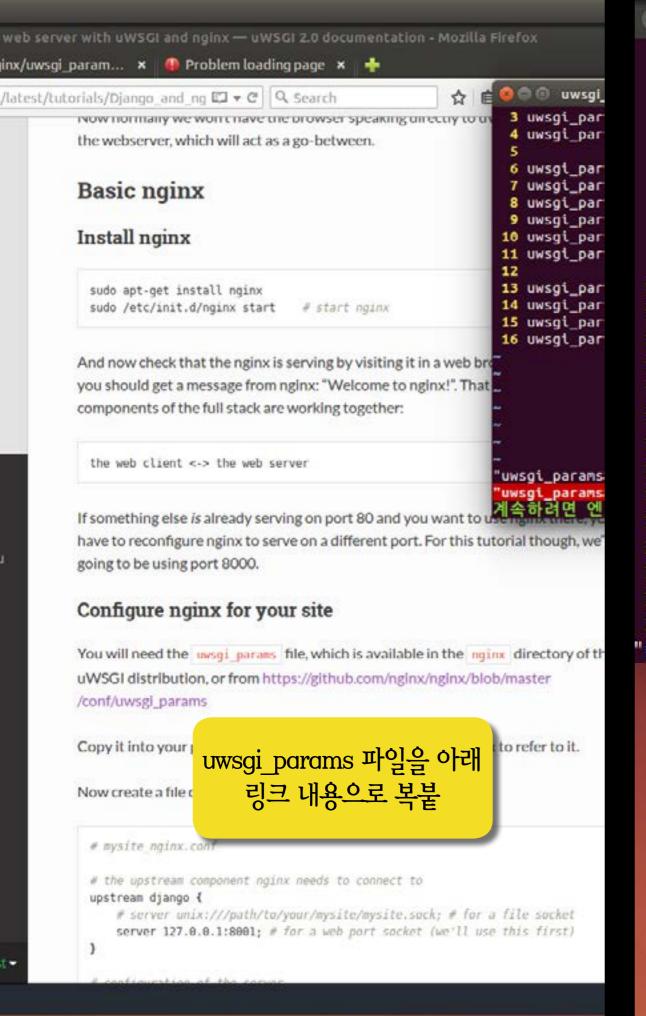
t

For online documentation and support please refer to nginx.org. Commercial support is available at nginx.org.

Thank you for using nginx.

원할한 실행





```
🚳 🛑 uwsgi_params = (/etc/nginx) - VIM
 1 uwsgi_param QUERY_STRING
                                    Squery string;
                                    $request method;
 2 uwsgi_param REQUEST_METHOD
 3 uwsgi param CONTENT TYPE
                                    Scontent type;
                                    $content_length;
 4 uwsqi param
                CONTENT LENGTH
 5
 6 uwsgi param REQUEST URI
                                    $request uri;
                                    $document_uri;
 7 uwsgi param
                PATH INFO
 8 uwsgi param
                DOCUMENT ROOT
                                    Sdocument root:
 9 uwsgi param
                SERVER PROTOCOL
                                    $server_protocol;
10 uwsqi param
                REQUEST SCHEME
                                    $scheme:
                                    $https if not empty;
11 uwsqi param
                HTTPS
12
13 uwsqi param
                REMOTE ADDR
                                    $remote addr;
14 uwsgi param
                REMOTE PORT
                                    $remote port;
15 uwsqi param
                SERVER PORT
                                    $server port;
16 uwsgi param
                SERVER NAME
                                    $server name;
17
18 #uwsgi param
                   QUERY STRING
                                        Squery string;
                                        $request method;
19 #uwsgi param
                   REQUEST METHOD
20 #uwsgi param
                   CONTENT TYPE
                                        Scontent type;
21 #uwsqi param
                   CONTENT LENGTH
                                        Scontent length:
22
                                    $request_uri;
23 #uwsgi param
                   REQUEST URI
"uwsgi_params" [읽기 전용] 32L, 1209C
```

사알짝 다른 변경이 있음

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You will need the uwsgi parans file, which is available in the nginx directory of the uWSGI distribution, or from https://github.com/nginx/nginx/blob/master /conf/uwsgi_params

mysite nginx.conf파일 생성 후 아래 내용 복붙

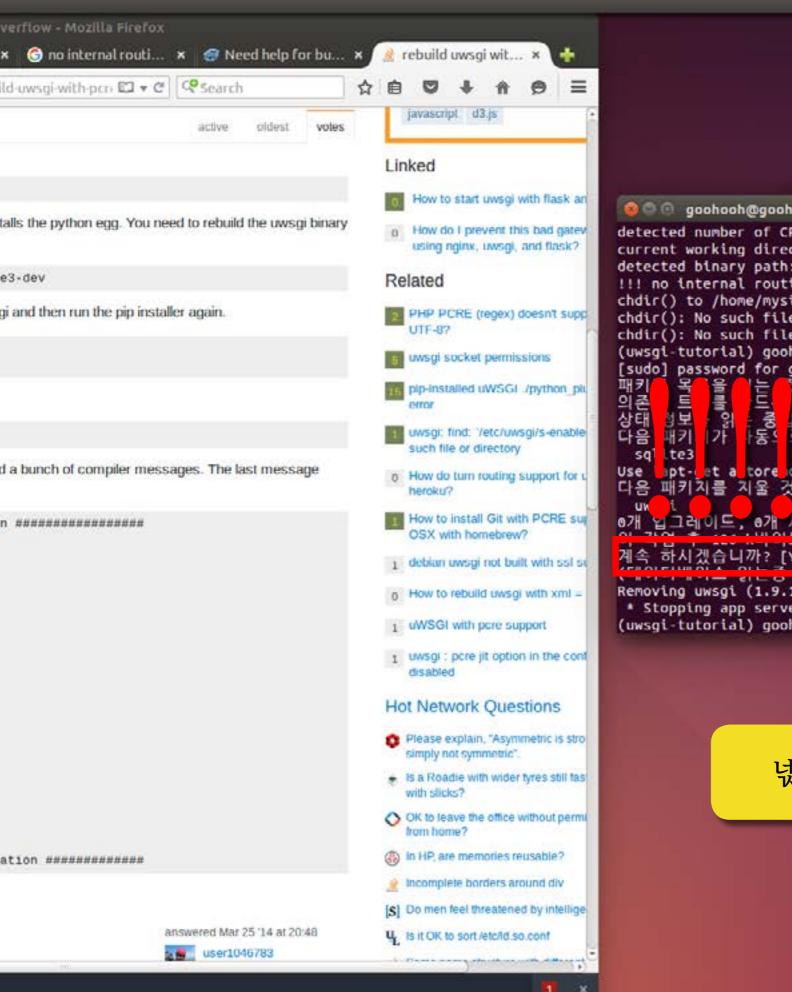
to refer to it.

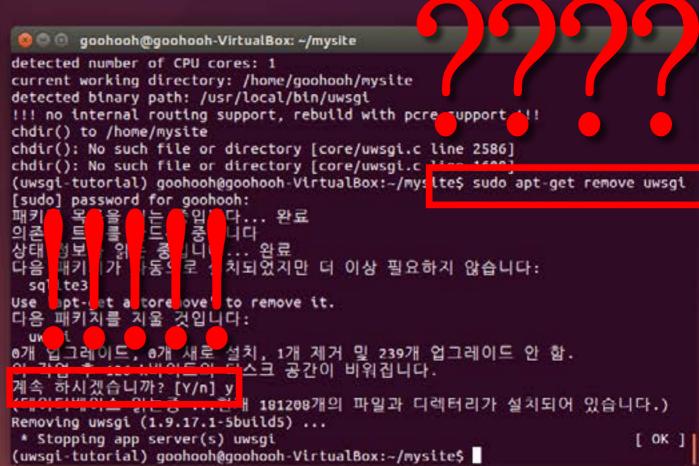
```
# mysite nginx.conf
# the upstream component nginx needs to connect to
upstream django {
   # server unix:///path/to/your/mysite/mysite.sock; # for a file socket
    server 127.0.0.1:8001; # for a web port socket (we'll use this first)
# configuration of the server
   # the port your site will be served on
    # the domain name it will serve for
    server name .example.com; # substitute your machine's IP address or FODN
    # max upload size
    client max body size 75M; # adjust to taste
    # Django media
    location /media {
        alias /path/to/your/mysite/media: # your Django project's media files -
   location /static {
        alias /path/to/your/mysite/static; # your Django project's static files -
   # Finally, send all non-media requests to the Django server.
    location / {
        uwsqi pass django;
                   /path/to/your/mysite/uwsgi params; # the uwsgi params file yo
```

This conf file tells nginx to serve up media and static files from the filesystem, as well as handle requests that require Django's intervention. For a large deployment it is

```
mysite_nginx.conf + (~/mysite) - VIM
 1 upstream django {
       server unix://~/mysite/mysite.sock
       # server unix:///path/to/your/mysite/mysite.sock; # for a file soc
        server 127.0.0.1:8001; # for a web port socket (we'll use this fir
 5 }
  7 # configuration of the server
 8 server {
        # the port your site will be served on
 10
       listen
                    8000;
       # the domain name it will serve for
 11
       server_name .example.com; # substitute your machine's IP address of
 12
 13
        charset
                    utf-8;
 14
 15
       # max upload size
       client_max_body_size 75M;
                                    # adjust to taste
 16
17
 18
        # Django media
        location /media {
 19
 20
           alias -/mysite/media; # your Django project's media files - a
   s required
 21
-- 끼워넣기 (붙이기) --
```







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넋을 놓고 타이핑을 하다가....

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