

Python Anywhere Hosting

1) Bash Console:

- `mkvirtualenv --python=python3.8 myproj`
- `pip install --U django== 3.1.7`
(open cmd -> activate virtualenv ->
`python3 -> import django -> django.__version__`)
- `which django-admin.py`

====
`/home/Vibhu0412/.virtualenvs/myproj/bin/django-admin.py`
- `git clone https://github.com/Vibhu0412/django-deployment-example.git`

--- if error in gitclone command ---
`$ rm -r django-deployment-example` (removes whole directory)

`$ git clone https://github.com/Vibhu0412/django-deployment-example.git`
- `ls`
- `cd django-deployment-example`
- `ls`
- `cd mysite` (select desired project, in mycase it is **mysite**)
- `python manage.py migrate`
- `python manage.py makemigrations blog` (select desired app_name)
- `python manage.py migrate`
- `python manage.py createsuperuser`

2) GITHUB Clone:

- Copy : <https://github.com/Vibhu0412/django-deployment-example.git>

3) Web :

- Add new web app > Next > Manual Configuration > Next
- *Virtualenv* : /home/Vibhu0412/.virtualenvs/myproj
- Start console in virtualenv :

\$ cd django-deployment-example/mysite

\$ pwd (copy output and paste in source code)

- *Source Code* : **/home/Vibhu0412/django-deployment-example/mysite**
- *Static Files* :

#1#

- *Url* : /static/admin
- *Directory* :
/home/Vibhu0412/.virtualenvs/myproj/lib/python3.8/site-packages/django/contrib/admin/static/admin

#2#

- *Url* : /static/
- *Directory*: (path where **static folder** is located in your project)
/home/Vibhu0412/django-deployment-example/mysite/blog/static

4) **Wsgi.py** : open from Web(tab) > Code(section) > WSGi config file

➤ Delete HELLO WORLD test code. Lines 13 to 47 approx.

➤ ++++++DJANGO+++++

- **import os**
- **import sys**

assuming your django settings file is at

'/home/Vibhu0412/mysite/mysite/settings.py'

and your manage.py is at '/home/Vibhu0412/mysite/manage.py'

path = '/home/Vibhu0412/django-deployment-example/mysite'

if path not in sys.path:

sys.path.append(path)

os.chdir(path)

os.environ.setdefault("DJANGO_SETTINGS_MODULE","mysite.settings")

import django

django.setup()

#os.environ['DJANGO_SETTINGS_MODULE'] = 'mysite.settings'

then:

from django.core.wsgi import get_wsgi_application

application = get_wsgi_application()

5) **Files :**

➤ traverse to **mysite/mysite/settings.py**

Edit :

➤ **ALLOWED_HOSTS = ['Vibhu0412']**

➤ **DEBUG = False**

```
# ++++++ DJANGO ++++++
# To use your own django app use code like this:
import os
import sys
#
## assuming your django settings file is at '/home/Vibhu0412/mysite/mysite/settings.py'
## and your manage.py is at '/home/Vibhu0412/mysite/manage.py'
path = '/home/Vibhu0412/django-deployment-example/mysite'
if path not in sys.path:
    sys.path.append(path)

os.chdir(path)
os.environ.setdefault("DJANGO_SETTINGS_MODULE", "mysite.settings")

import django
django.setup()
#os.environ['DJANGO_SETTINGS_MODULE'] = 'mysite.settings'
#
## then:
from django.core.wsgi import get_wsgi_application
application = get_wsgi_application()
```

```
# ++++++ FLASK ++++++
# Flask works like any other WSGI-compatible framework. we just need
```