

Practica 1. Instalación de Django y creación de proyecto

Despues de configurar el entorno virtual se tiene quee instalar el django utilizando el comando pip3 install django.

```
Activities Terminal mié 11:12
banideus@banideus-VirtualBox: ~
File Edit View Search Terminal Help
Also creating executable in /home/banideus/venv/bin/python
Installing setuptools, pkg_resources, pip, wheel...done.
banideus@banideus-VirtualBox:~$ source venv/bin/activate
(venv) banideus@banideus-VirtualBox:~$ pip3 install django
Collecting django
  Downloading https://files.pythonhosted.org/packages/32/ab/22530cc1b2114e6067eece94a333d6c749fa1c56a009f0721e51c181ea53/Django-2.1.2-py3-none-any.whl (7.3MB)
    100% |#####| 7.3MB 907kB/s
Collecting pytz (from django)
  Downloading https://files.pythonhosted.org/packages/30/4e/27c34b62430286c6d59177a0842ed90dc789ce5d1ed740887653b898779a/pytz-2018.5-py2.py3-none-any.whl (510kB)
    100% |#####| 512kB 1.2MB/s
Installing collected packages: pytz, django
Successfully installed django-2.1.2 pytz-2018.5
(venv) banideus@banideus-VirtualBox:~$ django-admin.py startproject Tweet_clone
(venv) banideus@banideus-VirtualBox:~$ cd Tweet_clone
(venv) banideus@banideus-VirtualBox:~/Tweet_clone$ sudo apt-get install tree
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following NEW packages will be installed:
  tree
0 upgraded, 1 newly installed, 0 to remove and 190 not upgraded.
Need to get 40.7 kB of archives.
After this operation, 105 kB of additional disk space will be used.
Get:1 http://mx.archive.ubuntu.com/ubuntu bionic/universe amd64 tree amd64 1.7.0-5 [40.7 kB]
Fetched 40.7 kB in 1s (40.7 kB/s)
Selecting previously unselected package tree.
(Reading database ... 131481 files and directories currently installed.)
Preparing to unpack .../tree_1.7.0-5_amd64.deb ...
Unpacking tree (1.7.0-5) ...
Setting up tree (1.7.0-5) ...
Processing triggers for man-db (2.8.3-2) ...
```

Despues para iniciar un nuevo proyecto se tiene que utilizar el comando django-admin.py startproject Asi mismo se instalo el comando tree para ver la el árbol de directorios del nuevo proyecto creado.

```
Activities Terminal mié 11:21
banideus@banideus-VirtualBox: ~
File Edit View Search Terminal Help
tree
0 upgraded, 1 newly installed, 0 to remove and 190 not upgraded.
Need to get 40.7 kB of archives.
After this operation, 105 kB of additional disk space will be used.
Get:1 http://mx.archive.ubuntu.com/ubuntu bionic/universe amd64 tree amd64 1.7.0-5 [40.7 kB]
Fetched 40.7 kB in 1s (40.7 kB/s)
Selecting previously unselected package tree.
(Reading database ... 131481 files and directories currently installed.)
Preparing to unpack .../tree_1.7.0-5_amd64.deb ...
Unpacking tree (1.7.0-5) ...
Setting up tree (1.7.0-5) ...
Processing triggers for man-db (2.8.3-2) ...
(venv) banideus@banideus-VirtualBox:~/Tweet_clone$ tree Tweet_clone/
Tweet_clone/
├── __init__.py
├── settings.py
├── urls.py
└── wsgi.py

0 directories, 4 files
(venv) banideus@banideus-VirtualBox:~/Tweet_clone$ cd
(venv) banideus@banideus-VirtualBox:~$ tree Tweet_clone
Tweet_clone
├── manage.py
└── Tweet_clone
    ├── __init__.py
    ├── settings.py
    ├── urls.py
    └── wsgi.py

1 directory, 5 files
(venv) banideus@banideus-VirtualBox:~$
```

Finalmente ejecutamos el comando python manage.py runserver para correr nuestro nuevo proyecto y visualizarlo en el navegador.

```
Activities Terminal mié 11:26
banideus@banideus-VirtualBox: ~/Tweet_clone

File Edit View Search Terminal Help
├── __init__.py
├── settings.py
├── urls.py
└── wsgi.py

1 directory, 5 files
(banideus@banideus-VirtualBox:~$ python manage.py runserver
python: can't open file 'manage.py': [Errno 2] No such file or directory
(banideus@banideus-VirtualBox:~$ cd Tweet_clone
(banideus@banideus-VirtualBox:~/Tweet_clone$ python manage.py runserver
Performing system checks...

System check identified no issues (0 silenced).

You have 15 unapplied migration(s). Your project may not work properly until you apply the migrations for app(s): admin, auth, contenttypes, sessions.
Run 'python manage.py migrate' to apply them.

October 10, 2018 - 18:24:40
Django version 2.1.2, using settings 'Tweet_clone.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CONTROL-C.
[10/Oct/2018 18:25:26] "GET / HTTP/1.1" 200 16348
[10/Oct/2018 18:25:26] "GET /static/admin/css/fonts.css HTTP/1.1" 200 423
[10/Oct/2018 18:25:26] "GET /static/admin/fonts/Roboto-Regular-webfont.woff HTTP/1.1" 200 80304
[10/Oct/2018 18:25:26] "GET /static/admin/fonts/Roboto-Bold-webfont.woff HTTP/1.1" 200 82564
[10/Oct/2018 18:25:26] "GET /static/admin/fonts/Roboto-Light-webfont.woff HTTP/1.1" 200 81348
Not Found: /favicon.ico
[10/Oct/2018 18:25:26] "GET /favicon.ico HTTP/1.1" 404 1977
Not Found: /favicon.ico
[10/Oct/2018 18:25:26] "GET /favicon.ico HTTP/1.1" 404 1977
```

Una vez ejecutado accedemos al navegador y en la barra de búsqueda ponemos localhost:8000.

