Práctica Flask Basico

**Instalacion Python Flask usando pip3**

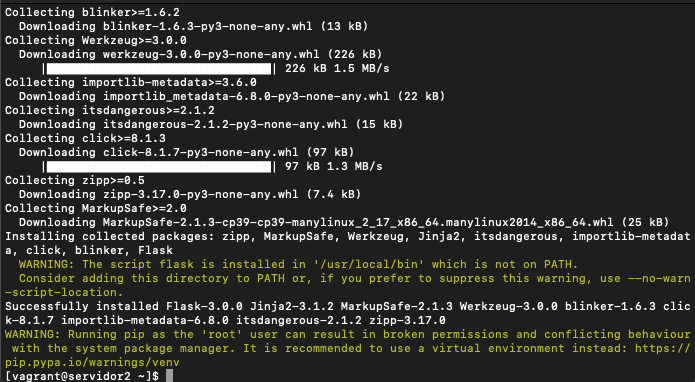
sudo yum install epel-release

sudo yum install python3-pip

pip3 –version



sudo pip3 install Flask



pip3 freeze | grep Flask

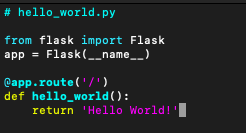


**Prueba**

mkdir testFlask

cd testFlask/

vim hello\_world.py

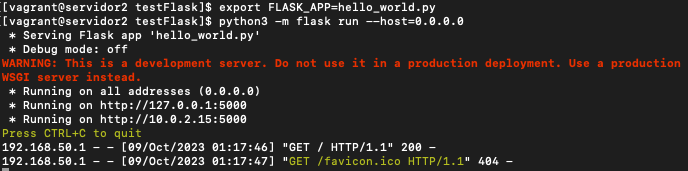


ls

****

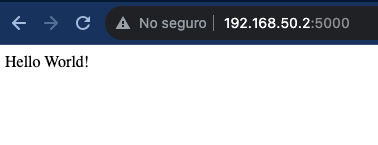
export FLASK\_APP=hello\_world.py

python3 -m flask run --host=0.0.0.0

****

Probamos desde el navegador: --------------ip de la maquina servidor2 más el puerto

<http://192.168.50.2:5000>



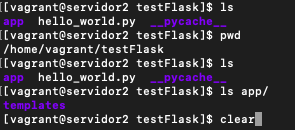
**Crear Proyecto Flask**

Ubicación del proyecto



mkdir app app/templates

ls



Ubicación del Repo clonado:

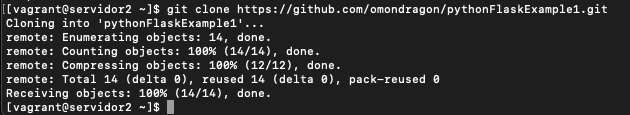
cd /home/vagrant/

Instalamos Git:

sudo yum install git

Clonamos el Repo:

git clone <https://github.com/omondragon/pythonFlaskExample1.git>



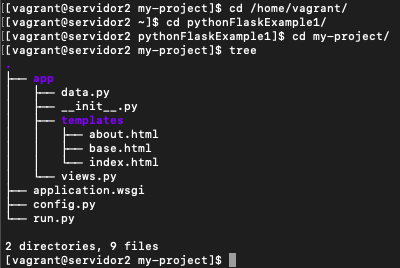
ls



cd pythonFlaskExample1/

cd my-project/

tree



//Si no funciona el commando tree debemos instalarlo con:

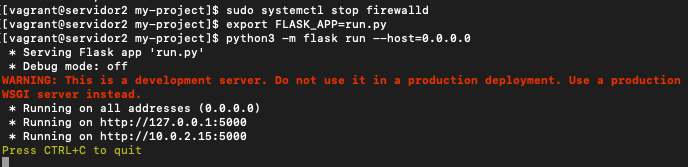
sudo yum install tree

**Detenemos el firewall y corremos la aplicación**

sudo systemctl stop firewalld

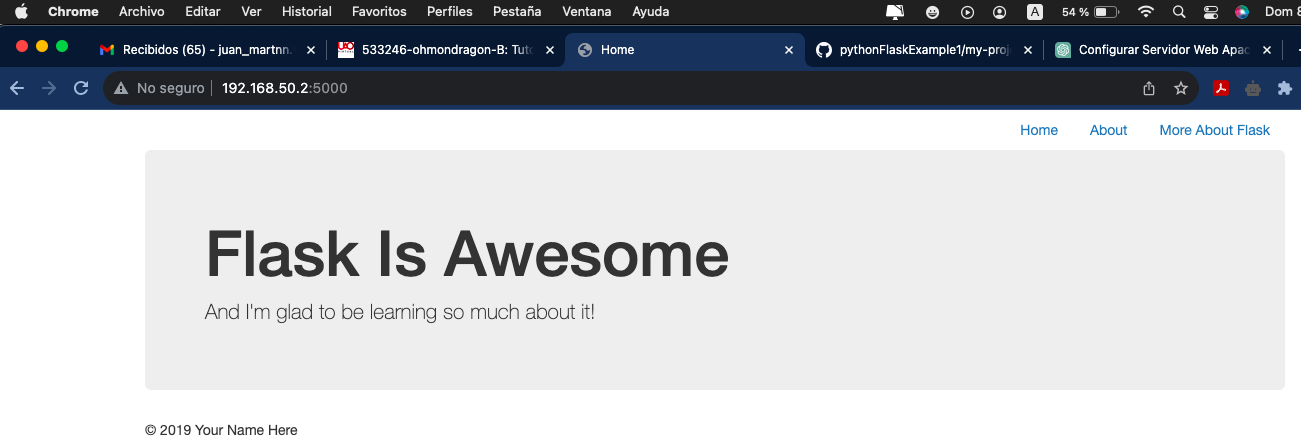
export FLASK\_APP=run.py

python3 -m flask run --host=0.0.0.0



Probamos en el navegador:

http://192.168.50.2:5000



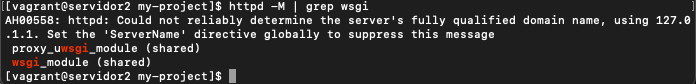
**EJERCICIO**

Desplegar el sitio en Apache

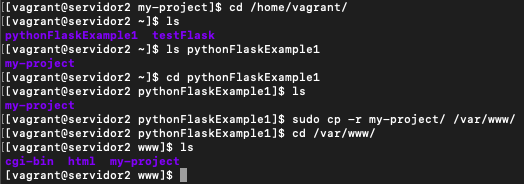
Instalamos el modulo wsgi:

sudo yum install mod\_wsgi

httpd -M | grep wsgi

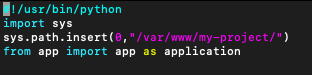


<https://www.youtube.com/watch?v=cxIlQYyrpoU>



cd my-project/

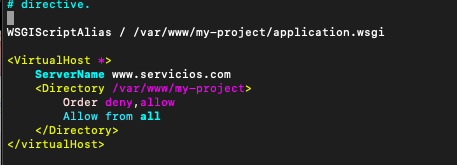
vim application.wsgi



Configuramos apache:

VirtualHost

sudo vim /etc/httpd/conf/httpd.conf



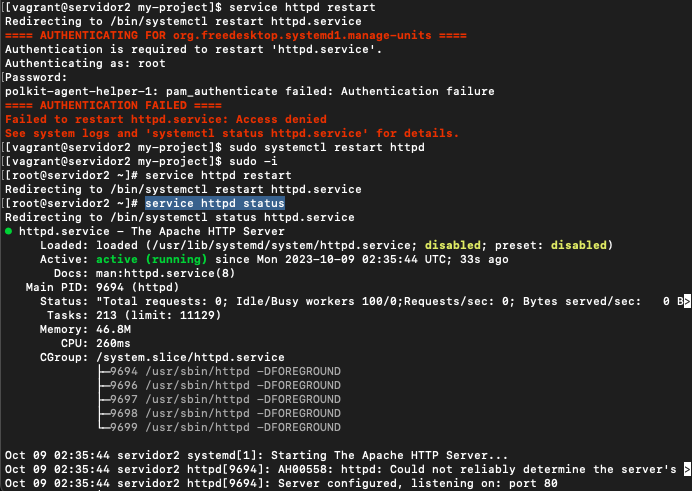
Reiniciamos

service httpd restart

sudo systemctl restart httpd

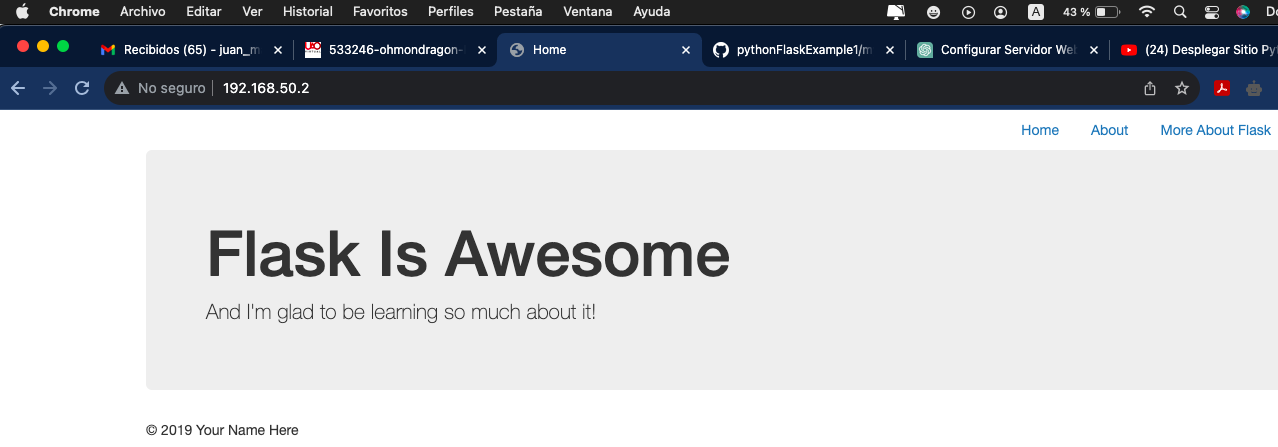
sudo -i

service httpd status



Probamos desde el navegador:

<http://192.168.50.2>

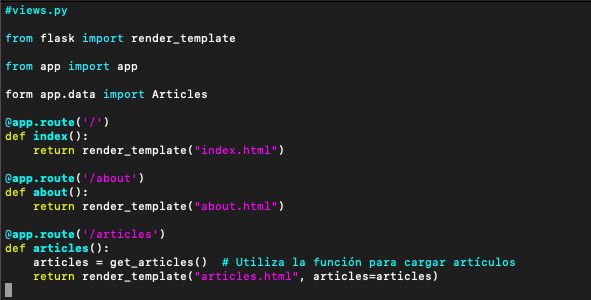


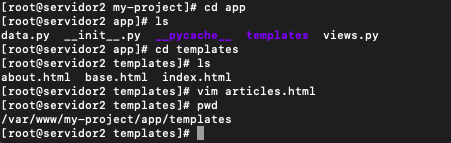
**Agregar un view que muestre una lista de archivos**

cd /var/www/

Crear una Nueva Ruta en tu Aplicación Flask:

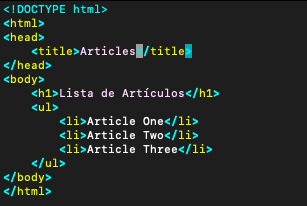
Abre el archivo views.py en la carpeta app de tu proyecto Flask (pythonFlaskExample1/my-project/app/views.py)

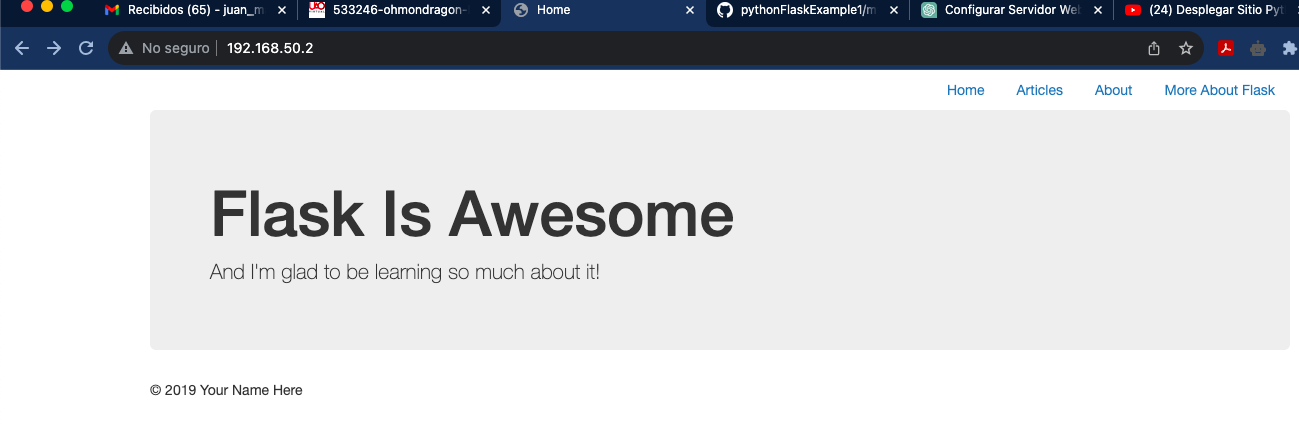


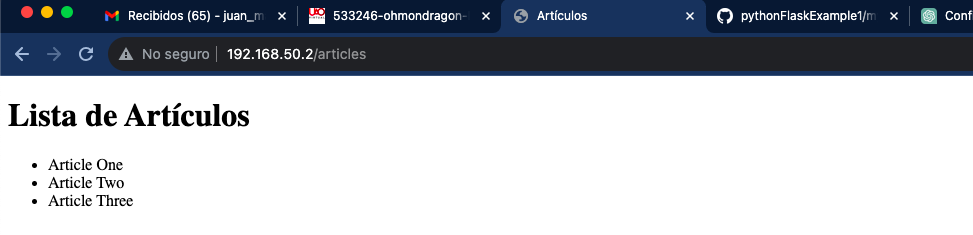


Aregamos en templates:

Vim articles.html







CAMBIO

ORIGINAL

