



Last Topic:
Multiple Sites on Nginx



Avoid Security Branches

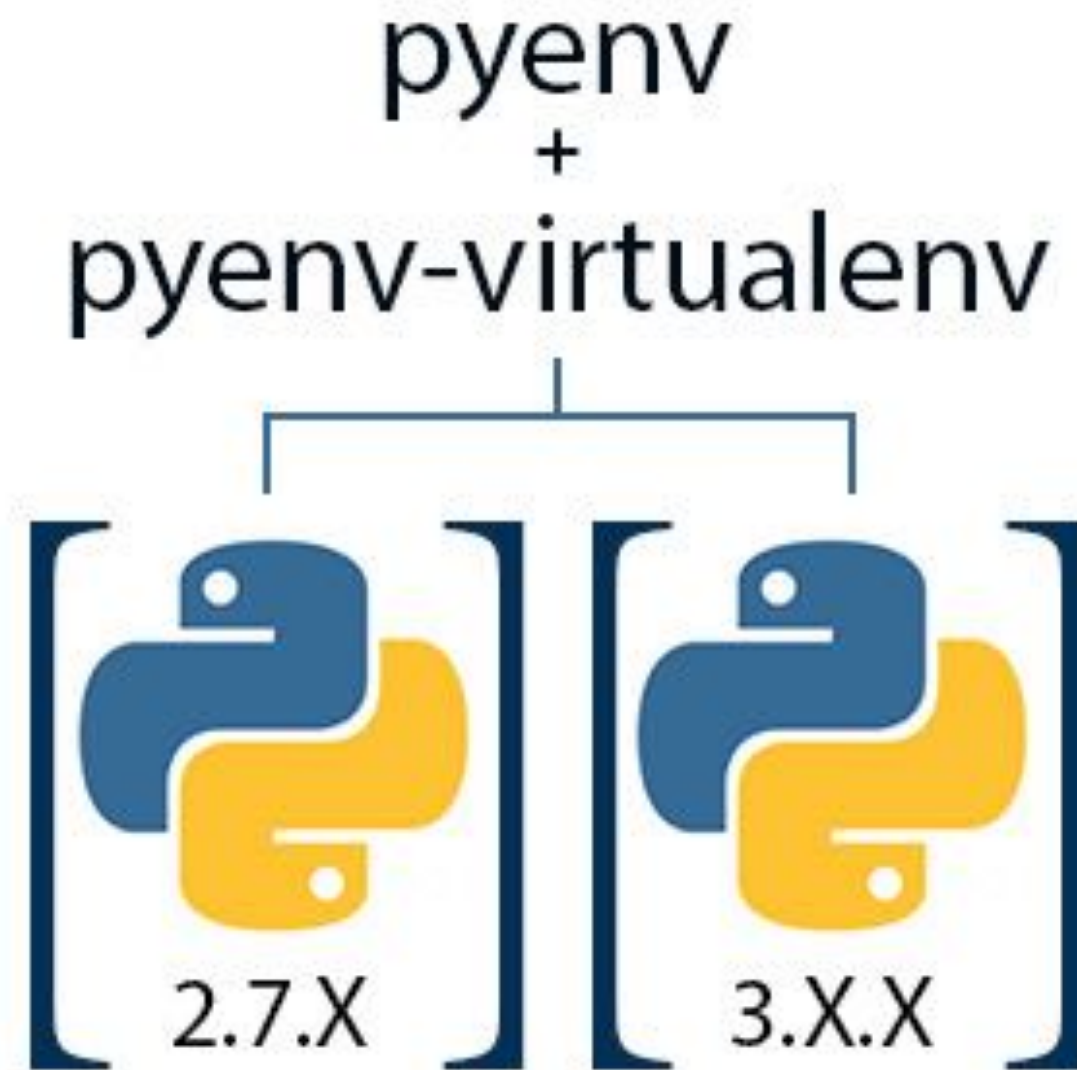
Each application will be set up in its own Virtualenv

Each project owned by and run as a different user

Will use Supervisor

Hosting sites on two different domains.

Each application will be set up in its own **Virtualenv**



```
$ virtualenv -p python3 fixterEnv  
$ virtualenv -p python3 campEnv
```



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Each project owned by and run as a different user

Create user for each project

```
$ sudo groupadd --system webapps
```

```
$ sudo useradd --system --gid webapps --home /webapps/fixter_django fixter
```

```
$ sudo useradd --system --gid webapps --home /webapps/camp_django camp
```

change the owner of files in each application's folder:

```
$ sudo chown -R fixter:users /webapps/fixter_django
```

```
$ sudo chown -R camp:users /webapps/camp_django
```



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Will use Supervisor For Gunicorn





Will use Supervisor For Gunicorn

Project: Fixter /webapps/fixter_django/bin/gunicorn_start

```
(...)  
NAME="fixter_app"                # Name of the application  
DJANGODIR=/webapps/fixter_django/fixter    # Django project directory  
SOCKFILE=/webapps/fixter_django/run/gunicorn.sock # we will communicate using this unix socket  
USER=fixter                      # the user to run as  
GROUP=webapps                   # the group to run as  
NUM_WORKERS=3                  # how many worker processes should Gunicorn spawn  
DJANGO_SETTINGS_MODULE=fixter.settings    # which settings file should Django use  
DJANGO_WSGI_MODULE=fixter.wsgi           # WSGI module name  
(...)
```

Project: Camp /webapps/camp_django/bin/gunicorn_start

```
(...)  
NAME="camp_app"                # Name of the application  
DJANGODIR=/webapps/camp_django/camp    # Django project directory  
SOCKFILE=/webapps/camp_django/run/gunicorn.sock # we will communicate using this unix socket  
USER=camp                      # the user to run as  
GROUP=webapps                   # the group to run as  
NUM_WORKERS=3                  # how many worker processes should Gunicorn spawn  
DJANGO_SETTINGS_MODULE=camp.settings    # which settings file should Django use  
DJANGO_WSGI_MODULE=camp.wsgi           # WSGI module name  
(...)
```



Will use Supervisor For Gunicorn

Multiple Sites on Nginx

/etc/supervisor/conf.d

Uno para Fixter

/etc/supervisor/conf.d/fixter.conf

```
[program:fixter]
command = /webapps/fixter_django/bin/gunicorn_start ; Command to start app
user = fixter ; User to run as
stdout_logfile = /webapps/fixter_django/logs/gunicorn_supervisor.log ; Where to write log messages
redirect_stderr = true
```

Uno para Camp

/etc/supervisor/conf.d/camp.conf

```
[program:camp]
command = /webapps/camp_django/bin/gunicorn_start ; Command to start app
user = camp ; User to run as
stdout_logfile = /webapps/camp_django/logs/gunicorn_supervisor.log ; Where to write log messages
redirect_stderr = true
```



Reread the config file!!!!!!

```
$ sudo supervisorctl reread  
$ sudo supervisorctl update
```

A mano:

```
$ sudo supervisorctl start fixter  
$ sudo supervisorctl start camp
```



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Hosting sites on two different domains.





Hosting sites on two different domains.

/etc/nginx/sites-available/fixter

```
upstream fixter_app_server {
    server unix:/webapps/fixter_django/run/gunicorn.sock fail_timeout=0;
}

server {
    listen 80;
    server_name fixter.fixter.org;

    client_max_body_size 4G;

    access_log /webapps/fixter_django/logs/nginx-access.log;
    error_log /webapps/fixter_django/logs/nginx-error.log;

    location /static/ {
        alias /webapps/fixter_django/static/;
    }

    location /media/ {
        alias /webapps/fixter_django/media/;
    }

    location / {
        proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;
        proxy_set_header Host $http_host;
        proxy_redirect off;
        if (!-f $request_filename) {
            proxy_pass http://fixter_app_server;
            break;
        }
    }
}
```



Hosting sites on two different domains.

/etc/nginx/sites-available/camp

```
upstream camp_app_server {
    server unix:/webapps/camp_django/run/gunicorn.sock fail_timeout=0;
}

server {
    listen 80;
    server_name camp.fixter.org;

    client_max_body_size 4G;

    access_log /webapps/camp_django/logs/nginx-access.log;
    error_log /webapps/camp_django/logs/nginx-error.log;

    location /static/ {
        alias /webapps/camp_django/static/;
    }

    location /media/ {
        alias /webapps/camp_django/media/;
    }

    location / {
        proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;
        proxy_set_header Host $http_host;
        proxy_redirect off;
        if (!-f $request_filename) {
            proxy_pass http://camp_app_server;
            break;
        }
    }
}
```



!Very important!

Enable the Nginx's Virtual Servers (symlinks)

```
$ sudo ln -s /etc/nginx/sites-available/fixter /etc/nginx/sites-enabled/fixter  
$ sudo ln -s /etc/nginx/sites-available/camp /etc/nginx/sites-enabled/camp  
$ sudo service nginx restart
```


It's done!!

If everything is done correctly here we are!





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Too much??????

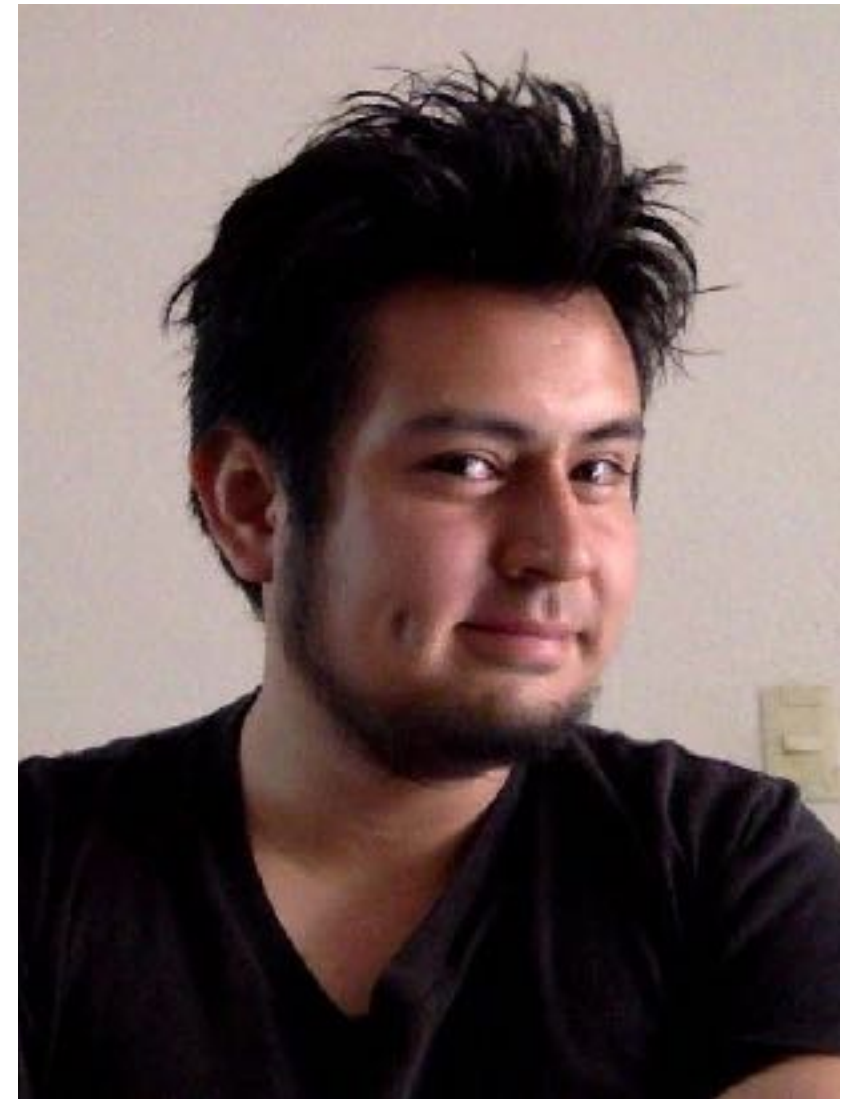
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Cuando terminas el FixterCamp#3



Y no entendiste nada



Total Thanks ;)

FixterGeek's Security Path by BlisS