

Setting up pyWPS in combination with gunicorn and nginx

Install nginx

```
sudo apt-get install nginx-full
```

Install gunicorn

```
sudo apt-get install gunicorn
```

Install python + virtualenv

```
TODO: described somewhere else
```

Switch to web virtualenv

This is done under the user that runs the process.

```
workon web
```

Configure nginx

Requests are forwarded to localhost:6010.

```
location ~ /wps/(.*)$ {  
  
    proxy_set_header X-Forwarded-Host $host/wps/;  
    proxy_set_header X-Forwarded-Server $host;  
    proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;  
    proxy_read_timeout 120;  
    proxy_pass http://127.0.0.1:6010/$1$is_args$args;  
}
```

The data (for store enabled processes) is expected to live /data/wps. Turn of auto-index otherwise people can browse eachothers data.

```
location /outputwps/ {  
    alias /data/wps/;  
    autoindex off;  
}
```

Use the wsgiwps

```
https://github.com/jachym/PyWPS/blob/master/webservices/wsgi/wsgiwps.py
```

Start gunicorn

```
gunicorn wsgiwps:dispatchWps -b 127.0.0.1:6010
```

This should result in a response from `server/wps`