UWSGI

## Sample on Ubuntu

### Install the Components

sudo apt-get update

sudo apt-get install python-dev python-pip nginx

sudo pip install virtualenv

### Set up an App Directory and a Virtualenv

mkdir ~/myapp/

cd ~/myapp

virtualenv myappenv

source myappenv/bin/activate

(myappenv)username@host:~/my\_app$

pip install uwsgi

uwsgi –version

### Create a WSGI Application

nano ~/myapp/wsgi.py

**def** **application**(environ, start\_response):

start\_response('200 OK', [('Content-Type', 'text/html')])

**return** ["<h1 style='color:blue'>Hello There!</h1>"]

uwsgi --socket 0.0.0.0:8080 --protocol=http -w wsgi

Now, if you visit your server's IP address or domain name in your web browser followed by :8080,



### Configure a uWSGI Config File

nano ~/myapp/myapp.ini

[uwsgi]

module = wsgi:application

master = true

processes = 5

socket = myapp.sock

chmod-socket = 664

vacuum = true

die-on-term = true

### Create a boot script

sample init.d conf file:

case "$1" in

  start)

        start

        ;;

  stop)

        stop

        ;;

  restart)

        restart

        ;;

  reload)

        reload

        ;;

  status)

        rhstatus

        ;;

  condrestart)

        [ -f /var/lock/subsys/smb ] && restart || :

        ;;

  \*)

        echo $"Usage: $0 {start|stop|restart|status|condrestart}"

        exit 1

esac