

buid base env

The GM Tool based on Python 2.7+ , Django 1.9.0, uwsgi 2.0.11.2 and Nginx .

Please install the above basic environment on their own.

nginx config

```
server {  
    listen      9999; # custom port  
  
    location / {  
        proxy_pass http://127.0.0.1:8082;  
    }  
}
```

uwsgi config

```
cat /opt/Applications/Common/gm/gm.conf
```

```
[uwsgi]  
uid = nobody  
gid = nobody  
chdir = /opt/Applications/Common/gm/ # GM Tool path  
module = mysite.wsgi  
http = 127.0.0.1:8082  
socket = 127.0.0.1:18082  
chmod-socket = 644  
master = true  
vhost = false  
no-stie = true  
workers = 4  
threads = 2  
reload-mercy = 10  
vacuum = true  
max-requests = 1000  
limit-as = 512  
buffer-sizi = 30000  
pidfile = /var/run/uwsgi.pid  
daemonize = /opt/Applications/Common/gm/gm8787.log
```

create uwsgi run-file in `/etc/rc.d/init.d/uwsgi` and Add execute permissions (`chmod +x /etc/rc.d/init.d/uwsgi`).

at last, you cat use this command to control it.

- start: `service uwsgi start`
- reload: `service uwsgi reload`
- restart: `service uwsgi restart`

```
cat /etc/rc.d/init.d/uwsgi
```

```
#!/bin/sh  
# chkconfig: 2345 55 25  
# Description: Startup script for uwsgi webserver on Debian. Place in /etc/init.d and  
# run 'update-rc.d -f uwsgi defaults', or use the appropriate command on your  
# distro. For CentOS/Redhat run: 'chkconfig --add uwsgi'  
  
### BEGIN INIT INFO  
# Provides:          uwsgi  
# Required-Start:    $all  
# Required-Stop:     $all  
# Default-Start:     2 3 4 5  
# Default-Stop:      0 1 6
```

```

# Short-Description: starts the uwsgi web server
# Description:      starts uwsgi using start-stop-daemon
### END INIT INFO

# Author:  licess
# website: http://lnmp.org

#PATH=/usr/local/sbin:/usr/local/bin:/sbin:/bin:/usr/sbin:/usr/bin
# you need config this
DESC="uwsgi daemon"
NAME=uwsgi
DAEMON=/usr/local/python2.7.9/bin/uwsgi
CONFIGFILE=/opt/Applications/Common/gm/gm.conf
PIDFILE=/var/run/$NAME.pid
SCRIPTNAME=/etc/init.d/$NAME

set -e
[ -x "$DAEMON" ] || exit 0

do_start() {
    $DAEMON --ini $CONFIGFILE || echo -n "uwsgi already running"
}

do_stop() {
    $DAEMON --stop $PIDFILE || echo -n "uwsgi not running"
    rm -f $PIDFILE
    echo "$DAEMON STOPED."
}

do_reload() {
    $DAEMON --reload $PIDFILE || echo -n "uwsgi can't reload"
}

do_status() {
    ps aux|grep $DAEMON | grep -v grep
}

case "$1" in
    status)
        echo -en "Status $NAME: \n"
        do_status
        ;;
    start)
        echo -en "Starting $NAME: \n"
        do_start
        ;;
    stop)
        echo -en "Stopping $NAME: \n"
        do_stop
        ;;
    reload|graceful|restart)
        echo -en "Reloading $NAME: \n"
        do_reload
        ;;
    *)
        echo "Usage: $SCRIPTNAME {start|stop|reload}" >&2
        exit 3
        ;;
esac

exit 0

```