

Table of Contents

- virtualenv service in systemd*** 3
- Log file 3
- References 3

virtualenv service in systemd

Create a unit file:

```
sudo vim /etc/systemd/system/rapidsms.service
```

With this content (you may need change it):

```
[Unit]
Description=RapidSMS Virtualenv service
After=network.target

[Service]
User=emonge
Group=emonge
Environment=VIRTUAL_ENV=/home/emonge/smsbot-venv
Environment=PATH=$VIRTUAL_ENV/bin:$PATH
ExecStart=/bin/bash -c "cd /home/emonge/smsbot; $VIRTUAL_ENV/bin/python
manage.py runserver 192.168.1.12:8000"
Restart=always

[Install]
WantedBy=multi-user.target
```

Make it executable:

```
sudo chmod 644 /lib/systemd/system/rapidsms.service
```

Reload systemd service:

```
sudo systemctl daemon-reload
```

Enable service to start during boot sequence:

```
sudo systemctl enable rapidsms.service
```

Log file

Modify the line starting with **ExecStart** in file `/lib/systemd/system/rapidsms.service` to:

```
ExecStart=/bin/bash -c "cd /home/emonge/smsbot; $VIRTUAL_ENV/bin/python
manage.py runserver 192.168.1.12:8000 > /home/emonge/smsbot/smsbot.log 2>&1"
```

References

- <http://www.raspberrypi-spy.co.uk/2015/10/how-to-autorun-a-python-script-on-boot-using-systemd/>

- <https://blog.philippklaus.de/2013/03/start-a-python-tool-or-web-app-that-uses-virtualenv-on-system-startup-using-systemd/>
- <https://gist.github.com/danechitoaie/f2bb03fd0c2d6b803878>

From:

<https://estebanmonge.site/> - **Esteban Monge**

Permanent link:

https://estebanmonge.site/doku.php?id=virtualenv_systemd

Last update: **2017/03/13 13:55**

