

**BelpheMur / Node-RED.service**Last active 29 days ago • [Report gist](#) **Node-RED.service**

```
1 # This script work on any system using systemd as the init process.
2 # It works on Debian/Raspbian Jessie.
3 # If you have Debian/Raspbian Wheezy and want to use this script with systemd
4 # follow the information here : https://wiki.debian.org/systemd
5
6 # To easily download, install and set at startup:
7 # wget -O /tmp/download https://gist.github.com/BelpheMur/3f6d3bf211b0e8a18d93/download && sudo tar -zxf /tmp/download --strip-c
8
9 # To consult the log : journalctl -u Node-RED
10 [Unit]
11 Description=Node-RED is a tool for wiring together hardware devices, APIs and online services in new and interesting ways.
12 After=syslog.target network.target
13 Documentation=http://nodered.org/
14
15 [Service]
16 Environment="NODE_OPTIONS=--max-old-space-size=128"
17 Environment="NODE_RED_OPTIONS=-v"
18 #Full Path to Node.js
19 ExecStart=/usr/local/bin/node $NODE_OPTIONS red.js $NODE_RED_OPTIONS
20 WorkingDirectory=/home/pi/node-red/
21 # User/Group that launches node-RED (it's advised to create a new user for Node-RED)
22 # You can do : sudo useradd node-red
23 # then change the User=root by User=node-red
24 User=root
25 Group=root
26 Nice=10
27 SyslogIdentifier=Node-RED
28 StandardOutput=syslog
29 # Make Node-RED restart if it fails
30 Restart=on-failure
31 # Node-RED need a SIGINT to be notified to stop
32 KillSignal=SIGINT
33
34 [Install]
35 WantedBy=multi-user.target
```

**cormad** commented on 7 Dec 2015

I tried your instructions on a new install and received the following error;

```
/tmp/download 100%[=====>] 1.16K --KB/s in 0s
```

```
2015-12-06 21:18:04 (2.45 MB/s) - '/tmp/download' saved [1190/1190]
```

```
gzip: stdin has more than one entry--rest ignored
```

```
tar: Child returned status 2
```

```
tar: Error is not recoverable: exiting now
```

**kcagras** commented on 25 Aug 2016

same

**krisklosterman** commented on 29 Oct 2016 • edited

This is what I did on Debian 8

I installed Node Red with NPM as global

I Created a user named nodered

I then ran these commands as root or with sudo

```
wget -O /etc/systemd/system/Node-Red.service
https://gist.githubusercontent.com/BelpheMur/3f6d3bf211b0e8a18d93/raw/3a33f9aaf1d07f5ad0fc2fe7aec2b70410a87111/Node-RED.service
```

```
vim /etc/systemd/system/Node-Red.service
```

You then need to modify it and change users and groups and change the following lines:

ExecStart to `ExecStart=/usr/bin/node-red`

WorkingDirectory to `WorkingDirectory=/home/nodered/.node-red/` (This is because I used a user I created called nodered)

you can delete the two Environment lines too

then run

```
systemctl daemon-reload
```

```
systemctl enable Node-Red.service
```

```
systemctl start Node-Red.service
```



mkeyno commented on 28 Mar

@krisklosterman I made your suggestion and when I run `sudo systemctl status nodered.service` it shows following respond

```
nodered.service - The NodeRed
  Loaded: loaded (/lib/systemd/system/nodered.service; enabled)
  Active: active (running) since Mon 2017-03-27 22:05:51 UTC; 1s ago
  Main PID: 2501 (node)
  CGroup: /system.slice/nodered.service
          └─2501 node /usr/bin/node-red

Mar 27 22:05:51 KeynoGC systemd[1]: Started The NodeRed.
```

but `http://localhost:1880;` not respond , what did I miss



mkeyno commented on 28 Mar

now its work

```
[Unit]
Description=The NodeRed
After=syslog.target network.target

[Service]
Type=simple
User=root
Group=root
Nice=5
KillSignal=SIGINT
ExecStart=/usr/bin/node-red
Restart=on-failure
StandardOutput=syslog
WorkingDirectory=/home/pi/.node-red
User=root
Group=root
[Install]
WantedBy=multi-user.target

..
```