

# Install Glances to Monitor Docker Containers (with web interface)

Glances can be installed through Docker, allowing you to run it without installing all the python dependencies directly on your system. Once you have Docker installed you can run the following command to install Glances with a web interface. [See more information here.](#)

```
sudo docker run -d --restart="always" -p 61208-61209:61208-61209 -e GLANCES_OPT="-w" -v /var/run/docker.sock:/var/run/docker.sock:ro --pid host docker.io/nicolargo/glances
```

```
xps (Ubuntu 14.04 64bit / Linux 3.13.0-85-generic) - IP 192.168.0.6/24 Uptime: 1 day, 20:23:55
1.80/1.80GHz CPU [|||||] 100% CPU 100.0% nice: 0.0% ctx_sw: 7605 MEM 26.8% active: 878M SWAP 7.6% LOAD 4-core
CPU [|||||] 100% user: 97.9% irq: 0.0% inter: 5015 total: 7.71G inactive: 1.58G total: 7.91G 1 min: 3.21
MEM [|||||] 26.8% system: 2.1% iowait: 0.0% sw_int: 1273 used: 2.06G buffers: 5.73M used: 612M 5 min: 1.86
SWAP [||] 7.6% idle: 0.0% steal: 0.0% free: 5.64G cached: 645M free: 7.31G 15 min: 1.17

NETWORK Rx/s Tx/s CONTAINERS 2 (served by Docker 1.11.1)
docker0 0b 0b
lo 392b 392b
h2c39a99 0b 0b Name Status CPU% MEM /MAX IOR/s IOW/s Rx/s Tx/s Command
h610b701 0b 0b _dbgrafana_grafana_1 Up 2 mins 0.0 5.94M 7.71G 0b 0b 0b 0b /run.sh
wlan0 10.5Mb 860Kb _bgrafana_influxdb_1 Up 2 mins 0.1 8.60M 7.71G 0b 0b 0b 0b /run.sh

DISK I/O R/s W/s
sda1 0 0
sda2 78K 2K
sda3 66K 0

FILE SYS Used Total
/ (sda2) 71.2G 226G
/boot/efi 3.38M 511M

SENSORS
temp1 27C
temp2 29C
Physical id 0 74C
Core 0 74C
Core 1 74C
Battery 33%

TASKS 257 (780 thr), 5 run, 252 slp, 0 oth sorted automatically by cpu percent, flat view
CPU% MEM% VIRT RES PID USER NI S TIME+ R/s W/s Command
96.0 0.0 7.13M 100K 20888 nicolargo 0 R 0:03.50 0 0 stress --cpu 4 -t 30
91.8 0.0 7.13M 100K 20890 nicolargo 0 R 0:03.33 0 0 stress --cpu 4 -t 30
91.5 0.0 7.13M 100K 20891 nicolargo 0 R 0:03.26 0 0 stress --cpu 4 -t 30
86.4 0.0 7.13M 100K 20889 nicolargo 0 R 0:03.19 0 0 stress --cpu 4 -t 30
12.7 11.8 2.50G 933M 11378 nicolargo 0 S 2h21:43 0 1M /usr/lib/firefox/firefox
5.1 0.3 548M 23.4M 19899 nicolargo 0 R 0:07.27 0 0 python -m glances
4.3 2.1 2.04G 163M 3278 nicolargo 0 S 36:17.83 0 0 /usr/bin/gnome-shell
2.7 0.0 0 0 577 root 0 S 1:36.94 0 0 irq/59-iwlwifi
1.5 1.3 477M 100M 2141 root 0 S 17:18.96 0 0 /usr/bin/X :0 -background none -verbose -auth /var/run/gdm/aut
1.5 1.5 1.18G 122M 23657 nicolargo 0 S 0:07.93 0 0 /usr/bin/perl /usr/bin/shutter
0.6 0.2 914M 19.2M 19237 nicolargo 0 S 0:33.56 0 0 /usr/bin/python /usr/bin/terminator
0.6 0.3 606M 20.8M 2870 root 0 S 0:30.96 0 0 /usr/bin/docker daemon --raw-logs
0.6 0.1 358M 6.70M 3142 nicolargo 0 S 1:14.27 20K 0 /usr/bin/ibus-daemon --daemonize --xim
0.3 0.1 612M 11.1M 3381 nicolargo 19 S 0:44.80 0 0 /usr/lib/tracker/tracker-miner-fs
0.3 0.0 201M 1.16M 3227 nicolargo 0 S 0:19.28 2K 0 /usr/lib/ibus/ibus-engine-simple
0.3 0.3 1.18G 22.2M 4835 nicolargo 0 S 0:23.10 0 0 nautilus --new-window
0.3 0.0 410M 2.81M 1112 root 0 S 0:07.11 0 0 NetworkManager
0.3 0.3 649M 27.3M 3099 nicolargo 0 S 0:08.46 0 0 /usr/lib/x86_64-linux-gnu/bamf/bamfdaemon
0.3 0.0 0 0 79 root 0 S 0:20.63 0 0 kworker/3:1
0.3 0.0 88.4M 240K 2083 www-data 0 S 0:02.72 0 0 nginx: worker process
0.3 0.3 2.07G 25.6M 2194 rabbitmq 0 S 5:41.18 0 0 /usr/lib/erlang/erts-5.10.4/bin/beam.smp -W w -K true -A30 -P
0.3 0.0 0 0 16492 root 0 S 0:01.94 0 0 kworker/2:2
0.0 0.0 0 0 18 root 0 S 0:00.00 0 0 rcuob/1
0.0 0.1 999M 10.0M 3315 nicolargo 0 S 0:09.78 0 0 /usr/lib/gnome-online-accounts/goa-daemon
0.0 0.0 0 0 27916 root 0 S 0:00.00 0 0 irq/61-mei_me
0.0 0.0 0 0 39 root 0 S 0:00.70 0 0 ksoftirqd/3

Warning or critical alerts (last 4 entries)
2016-05-16 16:53:12 (ongoing) - CPU_USER (97.6): stress, stress, stress
2016-05-16 16:52:41 (0:00:18) - WARNING on MEM (76.0)
2016-05-16 16:52:01 (0:00:33) - CRITICAL on CPU_IOWAIT (Min:51.9 Mean:63.4 Max:77.1): bash, stress, firefox
2016-05-16 16:51:31 (0:00:30) - CRITICAL on CPU_USER (Min:80.5 Mean:95.8 Max:98.3): stress, stress, stress
```

Revision #5

Created 14 September 2020 12:38:30 by Jeremy

Updated 21 July 2021 11:36:21 by Jeremy