

# Systemd Tools

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June 23, 2012

## systemctl status

```
# systemctl status NetworkManager.service -o cat -n 6
NetworkManager.service - Network Manager
  Loaded: loaded (/usr/lib64/systemd/system/NetworkManager.service; vendor preset: disabled)
  Active: active (running) since Fri, 27 Apr 2012 21:12:48; 1min 47s ago
  Main PID: 1307 (NetworkManager)
  CGroup: name=systemd:/system/NetworkManager.service
          | 1307 /usr/sbin/NetworkManager --no-daemon
          | 13523 /sbin/dhclient -d -4 -sf /usr/libexec/nm-dhclient-helper
          | 18796 /usr/libexec/nm-openvpn-service
          | 18798 /usr/sbin/openvpn --remote vpn.wargaming.com

<info> (tun0): writing resolv.conf to /sbin/resolvconf
<info> Clearing nscd hosts cache.
<info> VPN connection 'WG openvpn' (IP Config Get) completed
<info> Policy set 'posedon' (wlan0) as default for IPv4 routing
<info> VPN plugin state changed: started (4)
Initialization Sequence Completed
```

## systemd-nspawn

```
# systemd-nspawn -D /media/gentoo-mobile
Spawning namespace container on /media/gentoo-mobile \
(console is /dev/pts/6).
root@gentoo-mobile ~ # ps -Af
PID   USER      TIME  COMMAND
   1   root          0:00 -bash
   2   root          0:00 ps -Af
```

## systemd-cat

```
# systemd-cat seq 1 5
# systemd-journalctl -n 5
Apr 29 23:43:43 m_melnikau-vaio[19403]: 1
Apr 29 23:43:43 m_melnikau-vaio[19403]: 2
Apr 29 23:43:43 m_melnikau-vaio[19403]: 3
Apr 29 23:43:43 m_melnikau-vaio[19403]: 4
Apr 29 23:43:43 m_melnikau-vaio[19403]: 5
```

## systemd-cgtop

Path	Tasks	%CPU
/	477	27.0
/system	1	26.5
/system/kdm@.service	-	25.2
/system/rabbitmq-server.service	44	0.7
/system/dbus.service	12	0.3
/system/NetworkManager.service	4	0.2
/system/mysqld.service	16	0.1
/system/avahi-daemon.service	2	0.0
/system/console-kit-daemon.service	65	-
/system/rtkit-daemon.service	3	-
/system/systemd-journald.service	1	-
/system/systemd-logind.service	1	-
/system/udev.service	3	-

# systemd-tmpfiles

## x11.conf

```
# Make sure these are created by default
# so that nobody else can
d /tmp/.X11-unix 1777 root root 10d
d /tmp/.ICE-unix 1777 root root 10d
d /tmp/.XIM-unix 1777 root root 10d
d /tmp/.font-unix 1777 root root 10d
d /tmp/.Test-unix 1777 root root 10d

# Unlink the X11 lock files
r /tmp/.X\[0-9\]*-lock
```

## systemd-analyze

```
# systemd-analyze blame
1256ms udev-trigger.service
 554ms NetworkManager.service
 248ms avahi-daemon.service
 196ms systemd-logind.service
 170ms media.mount
 169ms systemd-vconsole-setup.service
 155ms dev-mqueue.mount
 141ms sys-kernel-debug.mount
 124ms sys-kernel-config.mount
 121ms console-kit-log-system-start.service
 119ms remount-rootfs.service
 110ms sys-fs-fuse-connections.mount
 106ms systemd-sysctl.service
 106ms dbus.service
```

## systemd-journalctl

```
# systemd-journalctl -o verbose _PID=11937
Sun, 29 Apr 2012 10:39:29 +0300 [s=bacf660eec8340c99fcc4e5a
  _TRANSPORT=syslog
  PRIORITY=4
  SYSLOG_FACILITY=1
  SYSLOG_IDENTIFIER=org.kde.powerdevil.backlighthelper
  MESSAGE=QDBusConnection: system D-Bus connection created b
  _PID=11937
  _UID=0
  _GID=0
  _COMM=backlighthelper
  _EXE=/usr/lib64/kde4/libexec/backlighthelper
  _CMDLINE=/usr/lib64/kde4/libexec/backlighthelper
  _SYSTEMD_CGROUP=/system/dbus.service
  _SYSTEMD_UNIT=dbus.service
  _SOURCE_REALTIME_TIMESTAMP=1335685169367215
  _BOOT_ID=083530b34e7547e48fcfe7be0726fa3f
```



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- ▶ <http://www.freedesktop.org/wiki/Software/systemd>