

Consider the following piece of C code:

```
void main( ) {  
    fork( );  
    fork( );  
    exit( );  
}
```

1. How many child processes are created upon execution of this program?

We can use the equation $2^n - 1 = m$, where m = child processes. $n = 2$ is for the two `fork()` functions, and we have $2^2 - 1 = \underline{3}$

2. When you start a browser, you will notice the browser process appear in the top display. What does it consume? VM is 5285M, RES 404M, CPU% 29.3, MEM% 9.2

3. How much memory is available in the system? 3.34 Gigabytes remaining.

4. Which process consumes the most CPU? Snap, Firefox, user/bin/gnome-shell

5. Which process has the most memory? Snap and bash

6. Could you please explain the following commands?

`apt-get`, `yum`, `wget`, `gzip`, `tar`, `rar`

The command `apt-get` is a command line tool for interacting with the Advanced Package Tool (APT) library (a package management system for Linux distributions). It allows you to search for, install, manage, update, and to remove the software.

YUM – Yellowdog Updater, Modified YUM is a package management utility for RPM-based distributions. RPM (Red Hat Package Manager) is the package manager that systems like RHEL and CentOS are based on. YUM uses RPM under the hood, hiding its complexity through a high-level abstraction. Fedora 22 and RHEL 8 introduced a rewrite of YUM, that is DNF, which is likely to become the new standard for RPM-based systems.

GNU Wget is a free software package for retrieving files using HTTP, HTTPS, FTP, and FTPS, the most widely used Internet protocols. It is a non-interactive command line tool, so it may easily be called from scripts, and terminals without X-Windows support, etc. GNU Wget has many features to make retrieving large files or mirroring entire web or FTP sites easy, including:

- Can resume aborted downloads, while using REST and RANGE

- Can use filename wild cards and recursively mirror directories
- NLS-based message files for many different languages
- Optionally converts absolute links in downloaded documents to relative so that downloaded documents may link to each other locally
- Runs on most UNIX-like operating systems as well as Microsoft Windows
- Supports HTTP proxies
- Supports HTTP cookies
- Supports persistent HTTP connections
- Unattended / background operation
- Uses local file timestamps to determine whether documents need to be re-downloaded when mirroring
- GNU Wget is distributed under the GNU General Public License.

The tool does not build software from the source code. Instead, it compiles the source code or uses precompiled files to install software packages.

A tar file often called a tarball, is a collection of files wrapped up in one single file for easy storage. Rather than keep track of a whole folder of files, you only need to keep track of one. Tar files are often compressed after being created, giving it the .tar.gz file extension. Technically these are TGZ files, but nearly everyone calls both .tar and .tar.gz files simple “tar files.”

The term “tar” was derived from “tape archive,” originally designed for devices like tape drives that didn’t have a regular file system—back in the Version 7 Unix released in 1979. Tar has been supported since then on almost every platform outside of Windows.

Interestingly enough, the latest versions of Windows finally include native support for tar in the command prompt. Still, they can’t handle [gzip](#), making it almost entirely useless since almost every tar archive is compressed with gzip. The gzip data compression tool was written in the early 1990s, and it’s still found in every Linux distribution. There are other compression tools available, but no matter which Linux computer you need to work on, you’ll find gzip. So, if you know how to use gzip, you can go without installing anything.

gzip is an implementation of the DEFLATE algorithm, invented—and patented—by Phil Katz of PKZIP fame. The DEFLATE algorithm improved on earlier compression algorithms which all operated on theme variations. The data to be compressed is scanned, and unique strings are identified and added to a binary tree.

The unique strings are allocated a unique ID token by their position in the tree. The tokens are used to replace the strings in the data; because the tokens are smaller than the

data they replaced, and the file is compressed. Substituting the tokens for the original strings re-inflates the data to its uncompressed state.

A RAR file, short for a Roshal Archive Compressed file, is a compressed file, or data container, that holds one or more other files and folders inside. Think of a RAR file as a regular folder on your computer, where there are sometimes many other files and folders inside of it to organize them.

7. Write a program that will generate a child process. In a loop, the child process writes "I am a child process" 200 times and the parent process repeatedly prints "I am a parent process" in a loop. See `heir.c`

8. Write a program that create a child process with the `fork ()` system call. The parent process waits for the child process to finish before printing the contents of the current directory. See `heir.c`

9. Write a program that creates a child process with the `fork ()` system call and print its PID. Following a `fork ()` system call, both parent and child processes print their process type and PID. Additionally, the parent process prints the PID of its child, and the child process prints the PID of its parent. See `heir.c`

```
cscwuos@cscwuos-VirtualBox: ~/Desktop/ProgramSysCallsLab3/Lab3

0[|||||] 4.5% Tasks: 121, 436 thr, 95 kthr; 1 running
1[|||||] 10.1% Load average: 1.74 0.70 0.32
2[|||||] 4.7% Uptime: 01:54:17
3[|||||] 5.3%
Mem[|||||] 1.23G/4.09G
Swap[|||||] 0K/0.00G

Main 1/20
PID USER PRI NI VIRT RES SHR % CPU %MEM TIME+ Command
1611 cscwuos 20 0 5256K 379M 150M 5 29.8 7.9 8:17.49 /usr/bin/gnome-shell
1650 cscwuos 20 0 5256K 379M 150M 5 6.0 7.9 1:12.66 /usr/bin/gnome-shell
1652 cscwuos 20 0 5256K 379M 150M 5 5.3 7.9 1:22.01 /usr/bin/gnome-shell
1649 cscwuos 20 0 5256K 379M 150M 5 4.6 7.9 1:11.91 /usr/bin/gnome-shell
1651 cscwuos 20 0 5256K 379M 150M 5 4.6 7.9 1:14.93 /usr/bin/gnome-shell
8580 cscwuos 20 0 7028 5772 3556 R 3.3 0.1 0:02.80 /snap/htop/3417/usr/local/bin/htop
1676 cscwuos 20 0 5256K 379M 150M 5 0.7 7.9 0:22.23 /usr/bin/gnome-shell
1757 cscwuos 20 0 307M 11800 7104 0 0.7 0.2 0:09.55 /usr/bin/lbus-daemon --panel disable
8725 cscwuos 20 0 3233K 133M 144M 5 0.7 7.1 0:00.17 /snap/firefox/2011/usr/lib/firefox/firefox
1 root 20 0 164K 11492 8416 5 0.0 0.3 0:03.09 /sbin/init splash
254 root 19 -1 72916 39668 38096 5 0.0 0.8 0:01.48 /lib/systemd/systemd-journald
315 root 20 0 26468 6908 4672 5 0.0 0.1 0:00.39 /lib/systemd/systemd-udevd
501 systemd-on 20 0 14024 4052 5256 5 0.0 0.1 0:05.05 /lib/systemd/systemd-oomd
502 systemd-re 20 0 25520 11960 9636 5 0.0 0.3 0:00.51 /lib/systemd/systemd-resolved
504 systemd-tl 20 0 89376 6480 5620 5 0.0 0.1 0:00.16 /lib/systemd/systemd-timesyncd
578 systemd-tl 20 0 89376 6480 5620 5 0.0 0.1 0:00.00 /lib/systemd/systemd-timesyncd
653 root 20 0 242K 7948 7012 5 0.0 0.2 0:00.40 /usr/libexec/accounts-daemon
655 root 20 0 2812 1172 1088 5 0.0 0.0 0:00.48 /usr/sbin/acpid
659 avahi 20 0 7628 3700 3360 5 0.0 0.1 0:00.13 avahi-daemon: running [cscwuos-VirtualBox.local]
662 root 20 0 18148 2968 2716 5 0.0 0.1 0:00.06 /usr/sbin/cron -f -P
664 messagebus 20 0 10992 6560 4136 5 0.0 0.1 0:02.11 dbus-daemon --system --address=systemd: --nofork --nopidfile --systemd-activation --syslog-only
668 root 20 0 263M 18672 15788 5 0.0 0.4 0:01.47 /usr/sbin/NetworkManager --no-daemon
677 root 20 0 242K 7948 7012 5 0.0 0.2 0:00.27 /usr/libexec/accounts-daemon
686 root 20 0 82696 3948 3608 5 0.0 0.1 0:00.24 /usr/sbin/lrqlbalance --foreground
695 root 20 0 49712 20756 14472 5 0.0 0.4 0:00.33 /usr/bin/python3 /usr/bin/networkd-dispatcher --run-startup-triggers
698 root 20 0 231M 10260 6940 5 0.0 0.2 0:02.20 /usr/libexec/polkitd --no-debug
700 root 20 0 242K 7468 6780 5 0.0 0.2 0:00.07 /usr/libexec/power-profiles-daemon
704 root 20 0 231M 10260 6940 5 0.0 0.2 0:00.00 /usr/libexec/polkitd --no-debug
705 syslog 20 0 217M 5296 4472 5 0.0 0.1 0:00.29 /usr/sbin/rsyslogd -n -lNONE
708 root 20 0 1432K 37448 18424 5 0.0 0.8 0:16.30 /usr/lib/snapd/snapd
709 root 20 0 239M 6840 6296 5 0.0 0.1 0:00.07 /usr/libexec/swtcheroo-control
712 root 20 0 23644 7884 6676 5 0.0 0.2 0:00.50 /lib/systemd/systemd-logind
713 root 20 0 303K 15412 10760 5 0.0 0.3 0:00.30 /usr/libexec/udisks2/udisksd
714 root 20 0 16492 5684 4872 5 0.0 0.1 0:00.11 /sbin/wpa_supplicant -u -s -O /run/wpa_supplicant
720 syslog 20 0 217M 5296 4472 5 0.0 0.1 0:00.11 /usr/sbin/rsyslogd -n -lNONE
721 syslog 20 0 217M 5296 4472 5 0.0 0.1 0:00.00 /usr/sbin/rsyslogd -n -lNONE
722 syslog 20 0 217M 5296 4472 5 0.0 0.1 0:00.13 /usr/sbin/rsyslogd -n -lNONE
723 avahi 20 0 7440 340 0 5 0.0 0.0 0:00.00 avahi-daemon: chroot helper
725 root 20 0 263M 18672 15788 5 0.0 0.4 0:00.19 /usr/sbin/NetworkManager --no-daemon
729 root 20 0 231M 10260 6940 5 0.0 0.2 0:00.59 /usr/libexec/polkitd --no-debug
731 root 20 0 242K 7948 7012 5 0.0 0.2 0:00.02 /usr/libexec/accounts-daemon
732 root 20 0 263M 18672 15788 5 0.0 0.4 0:00.26 /usr/sbin/NetworkManager --no-daemon
737 root 20 0 82696 3948 3608 5 0.0 0.1 0:00.00 /usr/sbin/lrqlbalance --foreground
751 root 20 0 309M 11984 10128 5 0.0 0.2 0:00.23 /usr/sbin/ModemManager
```

```
cscwuos@cscwuos-VirtualBox: ~/Desktop/ProgramSysCallLab3/Lab3

0% [|||||] 19.0% Tasks: 123, 479 thr, 96 kthr; 1 running
1% [|||||] 19.3% Load average: 0.78 0.56 0.33
2% [|||||] 20.3% Uptime: 01:58:11
3% [|||||] 16.7%
Mem[|||||] 1.38G/4.69G
Swp[|||||] 0K/3.08G

Main | /top
PID USER PRI NI VIRT RES SHR %CPU %MEM TIME+ Command
1611 cscwuos 20 0 52776 404M 143M 50.4 6.4 8:42.58 /usr/bin/gnome-shell
8535 cscwuos 20 0 11.6G 462M 228M 40.6 9.6 0:43.97 /bin/bash /snap/firefox/2311/snap/command-chain/desktop-launch /snap/firefox/2311/firefox.launcher
8696 cscwuos 20 0 11.6G 462M 228M 13.5 9.6 0:04.49 /snap/firefox/2311/usr/lib/firefox/firefox
8763 cscwuos 20 0 19.0G 197M 132M 11.3 4.1 0:03.04 /snap/firefox/2311/usr/lib/firefox/firefox -contentproc -childID 2 -IsForBrowser -prefIslen 26510 -prefMapSize 228363 -jsInitLen 246772 -par
1052 cscwuos 20 0 52776 404M 143M 9.6 8.4 1:26.22 /usr/bin/gnome-shell
8746 cscwuos 20 0 11.6G 462M 228M 8.3 9.6 0:01.67 /snap/firefox/2311/usr/lib/firefox/firefox
1649 cscwuos 20 0 52776 404M 143M 7.5 8.4 1:15.66 /usr/bin/gnome-shell
1650 cscwuos 20 0 52776 404M 143M 6.8 8.4 1:16.55 /usr/bin/gnome-shell
8618 cscwuos 20 0 219M 89252 74356 6.8 1.8 0:03.67 /usr/bin/wayland-0 -rootless -noreset -accessx -core -auth /run/user/1000/.nutter.Xwaylandauth.QQ7F21 -listen 4 -listen 5 -displayfd 6 -l
1651 cscwuos 20 0 52776 404M 143M 4.5 8.4 1:18.84 /usr/bin/gnome-shell
8694 cscwuos 20 0 11.6G 462M 228M 4.5 9.6 0:01.91 /snap/firefox/2311/usr/lib/firefox/firefox
8764 cscwuos 20 0 2392M 115M 85440 3.8 2.4 0:04.87 /snap/firefox/2311/usr/lib/firefox/firefox -contentproc -childID 1 -IsForBrowser -prefIslen 26469 -prefMapSize 228363 -jsInitLen 246772 -par
8680 cscwuos 20 0 19.0G 197M 132M 1.5 4.1 0:00.52 /snap/firefox/2311/usr/lib/firefox/firefox
1676 cscwuos 20 0 52776 404M 143M 2.3 8.4 0:23.16 /usr/bin/gnome-shell
8500 cscwuos 20 0 7028 5772 3556 R 2.3 0.1 0:07.84 /snap/http/3417/usr/local/bin/htop
8705 cscwuos 20 0 11.6G 462M 228M 2.3 9.6 0:01.29 /snap/firefox/2311/usr/lib/firefox/firefox
8742 cscwuos 20 0 2392M 115M 85440 0.8 2.4 0:00.53 /snap/firefox/2311/usr/lib/firefox/firefox
8766 cscwuos 20 0 19.0G 197M 132M 2.3 4.1 0:00.21 /snap/firefox/2311/usr/lib/firefox/firefox -contentproc -childID 2 -IsForBrowser -prefIslen 26510 -prefMapSize 228363 -jsInitLen 246772 -par
8653 cscwuos 20 0 11.6G 462M 228M 1.5 9.6 0:00.87 /snap/firefox/2311/usr/lib/firefox/firefox
8743 cscwuos 20 0 11.6G 462M 228M 1.5 9.6 0:01.20 /snap/firefox/2311/usr/lib/firefox/firefox
9390 cscwuos 20 0 19.0G 197M 132M 1.5 4.1 0:00.67 /snap/firefox/2311/usr/lib/firefox/firefox -contentproc -childID 2 -IsForBrowser -prefIslen 26510 -prefMapSize 228363 -jsInitLen 246772 -par
501 systemd-oo 20 0 14824 6952 5256 0.8 0.1 0:05.88 /lib/systemd/systemd-oomd
2722 cscwuos 20 0 558M 61332 47096 0.8 1.2 0:40.20 /usr/libexec/gnome-terminal-server
8657 cscwuos 20 0 11.6G 462M 228M 0.8 9.6 0:01.24 /snap/firefox/2311/usr/lib/firefox/firefox
8741 cscwuos 20 0 2392M 115M 85440 0.8 2.4 0:00.53 /snap/firefox/2311/usr/lib/firefox/firefox -contentproc -childID 1 -IsForBrowser -prefIslen 26469 -prefMapSize 228363 -jsInitLen 246772 -par
8960 cscwuos 20 0 2346M 61540 51508 0.8 1.3 0:00.30 /snap/firefox/2311/usr/lib/firefox/firefox -contentproc -childID 4 -IsForBrowser -prefIslen 31999 -prefMapSize 228363 -jsInitLen 246772 -par
9391 cscwuos 20 0 2346M 61540 49944 0.8 1.3 0:00.16 /snap/firefox/2311/usr/lib/firefox/firefox -contentproc -childID 6 -IsForBrowser -prefIslen 32002 -prefMapSize 228363 -jsInitLen 246772 -par
1 root 20 0 164M 13496 8416 0.0 0.3 0:03.09 /sbin/init splash
254 root 19 -1 72916 39748 38176 0.0 0.8 0:01.59 /lib/systemd/systemd-journald
315 root 20 0 26468 6908 4672 0.0 0.1 0:00.39 /lib/systemd/systemd-udev
502 systemd-re 20 0 25520 13960 9636 0.0 0.3 0:00.53 /lib/systemd/systemd-resolved
504 systemd-tl 20 0 89376 6480 5620 0.0 0.1 0:00.16 /lib/systemd/systemd-timesyncd
578 systemd-tl 20 0 89376 6480 5620 0.0 0.1 0:00.00 /lib/systemd/systemd-timesyncd
653 root 20 0 242M 7948 7012 0.0 0.2 0:00.41 /usr/libexec/accounts-daemon
655 root 20 0 2812 1172 1088 0.0 0.0 0:00.48 /usr/sbin/acpid
659 avahi 20 0 7628 3700 3360 0.0 0.1 0:00.13 avahi-daemon: running [cscwuos-VirtualBox.local]
662 root 20 0 18148 2968 2716 0.0 0.1 0:00.07 /usr/sbin/cron -f -p
664 messagebus 20 0 10992 6560 4136 0.0 0.1 0:02.13 dbus-daemon --system --address=systemd: --nofork --noplayfile --systemd-activation --syslog-only
668 root 20 0 263M 18672 15788 0.0 0.4 0:01.49 /usr/sbin/NetworkManager --no-daemon
677 root 20 0 242M 7948 7012 0.0 0.2 0:00.28 /usr/libexec/accounts-daemon
686 root 20 0 82696 1948 1688 0.0 0.1 0:00.26 /usr/sbin/irqbalance --foreground
695 root 20 0 49712 20756 11472 0.0 0.4 0:00.33 /usr/bin/python3 /usr/bin/networkd-dispatcher --run-startup-triggers
698 root 20 0 231M 10260 6940 0.0 0.2 0:02.20 /usr/libexec/polkitd --no-debug
700 root 20 0 242M 7468 6780 0.0 0.2 0:00.07 /usr/libexec/power-profiles-daemon
```

```
cscwuos@cscwuos-VirtualBox: ~/Desktop/ProgramSysCallLab3/Lab3

0% [|||||] 20.3% Tasks: 123, 456 thr, 92 kthr; 3 running
1% [|||||] 14.6% Load average: 0.64 0.57 0.39
2% [|||||] 12.9% Uptime: 02:03:29
3% [|||||] 16.2%
Mem[|||||] 1.35G/4.69G
Swp[|||||] 0K/3.08G

Main | /top
PID USER PRI NI VIRT RES SHR %CPU %MEM TIME+ Command
1611 cscwuos 20 0 52858 404M 143M 51.1 6.4 8:23.01 /usr/bin/gnome-shell
8535 cscwuos 20 0 3476M 443M 228M 29.3 9.2 2:01.26 /bin/bash /snap/firefox/2311/snap/command-chain/desktop-launch /snap/firefox/2311/firefox.launcher
8696 cscwuos 20 0 3476M 443M 228M 8.6 9.2 0:32.67 /snap/firefox/2311/usr/lib/firefox/firefox
1652 cscwuos 20 0 52858 404M 143M 7.1 8.4 1:28.50 /usr/bin/gnome-shell
8746 cscwuos 20 0 3476M 443M 228M 7.1 9.2 0:16.65 /snap/firefox/2311/usr/lib/firefox/firefox
8763 cscwuos 20 0 2025M 189M 132M 6.4 4.0 0:19.52 /snap/firefox/2311/usr/lib/firefox/firefox -contentproc -childID 2 -IsForBrowser -prefIslen 26510 -prefMapSize 228363 -jsInitLen 246772 -par
1650 cscwuos 20 0 52858 404M 143M 5.7 8.4 1:18.34 /usr/bin/gnome-shell
8694 cscwuos 20 0 3476M 443M 228M 4.3 8.4 1:17.49 /usr/bin/gnome-shell
1051 cscwuos 20 0 52858 404M 143M 3.6 8.4 1:20.80 /usr/bin/gnome-shell
8500 cscwuos 20 0 7028 5772 3556 R 2.9 0.1 0:15.15 /snap/http/3417/usr/local/bin/htop
8618 cscwuos 20 0 219M 89252 74356 2.9 1.8 0:10.89 /usr/bin/wayland-0 -rootless -noreset -accessx -core -auth /run/user/1000/.nutter.Xwaylandauth.QQ7F21 -listen 4 -listen 5 -displayfd 6 -l
8680 cscwuos 20 0 3476M 443M 228M 2.9 9.2 0:08.31 /snap/firefox/2311/usr/lib/firefox/firefox
8705 cscwuos 20 0 3476M 443M 228M 2.1 9.2 0:08.40 /snap/firefox/2311/usr/lib/firefox/firefox
1676 cscwuos 20 0 52858 404M 143M 1.4 8.4 0:23.26 /usr/bin/gnome-shell
2722 cscwuos 20 0 558M 61332 47096 1.4 1.2 0:41.89 /usr/libexec/gnome-terminal-server
8657 cscwuos 20 0 3476M 443M 228M 1.4 9.2 0:04.30 /snap/firefox/2311/usr/lib/firefox/firefox
8742 cscwuos 20 0 52858 404M 143M 0.7 8.4 0:05.91 /usr/bin/gnome-shell
1785 cscwuos 20 0 387M 11800 7104 0.7 0.2 0:07.30 /usr/bin/ibus-daemon --panel-disable
1793 cscwuos 20 0 340M 25480 1692 0.7 0.0 0:02.48 /usr/libexec/ibus-extension-gtk3
1802 cscwuos 20 0 794M 63812 5964 0.7 1.3 0:00.02 /usr/libexec/evolution-data-server/evolution-alarm-notify
8653 cscwuos 20 0 3476M 443M 228M 0.7 9.2 0:01.44 /snap/firefox/2311/usr/lib/firefox/firefox
8743 cscwuos 20 0 3476M 443M 228M 0.7 9.2 0:03.18 /snap/firefox/2311/usr/lib/firefox/firefox
8766 cscwuos 20 0 2025M 189M 132M 0.7 4.0 0:02.54 /snap/firefox/2311/usr/lib/firefox/firefox -contentproc -childID 2 -IsForBrowser -prefIslen 26510 -prefMapSize 228363 -jsInitLen 246772 -par
8771 cscwuos 20 0 2625M 189M 132M 0.7 4.0 0:00.63 /snap/firefox/2311/usr/lib/firefox/firefox -contentproc -childID 2 -IsForBrowser -prefIslen 26510 -prefMapSize 228363 -jsInitLen 246772 -par
1 root 20 0 164M 13496 8416 0.0 0.3 0:03.11 /sbin/init splash
254 root 19 -1 72916 39748 38176 0.0 0.8 0:01.59 /lib/systemd/systemd-journald
315 root 20 0 26468 6908 4672 0.0 0.1 0:00.39 /lib/systemd/systemd-udev
501 systemd-oo 20 0 14824 6952 5256 0.0 0.1 0:06.24 /lib/systemd/systemd-oomd
502 systemd-re 20 0 25520 13960 9636 0.0 0.3 0:00.53 /lib/systemd/systemd-resolved
504 systemd-tl 20 0 89376 6480 5620 0.0 0.1 0:00.16 /lib/systemd/systemd-timesyncd
578 systemd-tl 20 0 89376 6480 5620 0.0 0.1 0:00.00 /lib/systemd/systemd-timesyncd
653 root 20 0 242M 7948 7012 0.0 0.2 0:00.42 /usr/libexec/accounts-daemon
655 root 20 0 2812 1172 1088 0.0 0.0 0:00.48 /usr/sbin/acpid
659 avahi 20 0 7628 3700 3360 0.0 0.1 0:00.13 avahi-daemon: running [cscwuos-VirtualBox.local]
662 root 20 0 18148 2968 2716 0.0 0.1 0:00.07 /usr/sbin/cron -f -p
664 messagebus 20 0 10992 6560 4136 0.0 0.1 0:02.14 dbus-daemon --system --address=systemd: --nofork --noplayfile --systemd-activation --syslog-only
668 root 20 0 263M 18672 15788 0.0 0.4 0:01.50 /usr/sbin/NetworkManager --no-daemon
677 root 20 0 242M 7948 7012 0.0 0.2 0:00.29 /usr/libexec/accounts-daemon
686 root 20 0 82696 1948 1688 0.0 0.1 0:00.26 /usr/sbin/irqbalance --foreground
695 root 20 0 49712 20756 11472 0.0 0.4 0:00.33 /usr/bin/python3 /usr/bin/networkd-dispatcher --run-startup-triggers
698 root 20 0 231M 10260 6940 0.0 0.2 0:02.20 /usr/libexec/polkitd --no-debug
700 root 20 0 242M 7468 6780 0.0 0.2 0:00.07 /usr/libexec/power-profiles-daemon
```


