

Ubuntu commands

| Command | Summary | Useful sub-commands and options | Example usage | Notes |
|--|---|---|---|--|
| cat /proc /partitions | List disk partitions visible to Linux, mounted or not. | | Look for an unmounted device corresponding to a USB drive. | |
| cset | Front end for the Linux <i>cpusets</i> functionality for defining sets of CPUs and limiting specific processes to them. | proc -s <name> -e <command> <i>Runs command on the CPUs in the named cpuset.</i> set -c <cpus> -s <name> <i>Create new cpuset with given name and including specified set of cpus.</i> set --destroy <name> <i>Deletes the named cpuset.</i> set -l <i>List currently defined cpusets.</i> | Create a cpuset containing just CPU 0, and run script.sh on that CPU: <pre>\$ sudo cset set -c 0 -s cpu-0</pre> Create a cpuset containing CPUs 0-2, and run script.sh on those CPUs: <pre>\$ sudo cset set -c 0-2 -s cpus-3</pre> <pre>\$ sudo cset proc -s cpu-3 -e script.sh</pre> | <ul style="list-style-type: none"> Install the <i>cpuset</i> package if needed. |
| dpkg -l | List all installed packages with summaries. | | | |
| lspci | Displays information about PCI buses and devices connected to them. | -k <i>Show installed drivers for each connected device.</i> | Check if video cards are identified by the system correctly. | |
| mount -t exfat <device> <mount-point> | Mounts an exFAT drive. | | Mount an exFAT-formatted USB thumb drive partition /dev/sdb1 on /mnt/skope: <pre>\$ sudo mount -t exfat /dev/sdb1 /mnt/skope</pre> | <ul style="list-style-type: none"> Enable exFAT support by installing exfat-fuse: \$ sudo apt-get install exfat-fuse |
| ubuntu-drivers devices | Show devices which need drivers and the packages that can be installed to supply them. | | Find the recommended proprietary driver package for an installed NVIDIA GPU. | |