

# Ubuntu commands

Command	Summary	Useful sub-commands and options	Example usage	Notes
<b>cat /proc /partitions</b>	List disk partitions visible to Linux, mounted or not.		Look for an unmounted device corresponding to a USB drive.	
<b>cset</b>	Front end for the Linux <i>cpusets</i> functionality for defining sets of CPUs and limiting specific processes to them.	<b>proc -s &lt;name&gt; -e &lt;command&gt;</b> <i>Runs command on the CPUs in the named cpuset.</i>  <b>set -c &lt;cpus&gt; -s &lt;name&gt;</b> <i>Create new cpuset with given name and including specified set of cpus.</i>  <b>set --destroy &lt;name&gt;</b> <i>Deletes the named cpuset.</i>  <b>set -l</b> <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> <pre>\$ sudo cset proc -s cpu-0 -e script.sh</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"> <li>Install the <i>cpuset</i> package if needed.</li> </ul>
<b>dpkg -l</b>	List all installed packages with summaries.			
<b>lspci</b>	Displays information about PCI buses and devices connected to them.	<b>-k</b> <i>Show installed drivers for each connected device.</i>	Check if video cards are identified by the system correctly.	
<b>mount -t exfat &lt;device&gt; &lt;mount-point&gt;</b>	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"> <li>Enable exFAT support by installing exfat-fuse:   <pre>\$ sudo apt-get install exfat-fuse</pre> </li> </ul>
<b>ubuntu-drivers devices</b>	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.	