Systemd (systemctl Journalctl) Cheat Sheet

by BlackW61 via cheatography.com/59396/cs/15601/

systemctl

list-units	Show running Units
enable Unitfile	Enable Unit
disable Unitfile	Disables Unit
start Unitname	Starting Unit
stop Unitname	Stoping Unit
restart Unitname	Restarting Unit
reload Unitname	Reloding Unit new
status unitname	Show Status of the Unit
is-enabled Unitfile	Checks if Unit is enabled
--failed	List failed Units
list-unit-files	List Unit files with Status
mask Unit	Makes impossible to start unit
unmask Unit	Unmaks Unit
systemctl reboot	reboot
systemctl poweroff	poweroff
systemctl suspend	suspend
systemctl hibernate	hiberate

systemd

/usr/lib/systemd/systemd -- version	systemd version
systemd-analyze	overview of the system boot-up time
systemd-analyze blame	Find Out Time Each Unit Took to Start
systemd-analyze critical-chain	Print time-critical Chain for Default Target
systemd-analyze plot > file.svg	stdout boot analyze to file

journalctl

journalctl --list-boots	list of boots
journalctl -b	show all meaages from this boot
journalctl -b -1	show all mesages from previous boot
journalctl --since="2-012-10-30 18:17:16	Show all messages from date
journalctl --since "20 min ago	Show all messages since 20 minutes ago
journalctl -f	Follow new messages
journalctl -u netcfg	Show all messages by a specific unit
journalctl -f -u apache	Follow new messages of unit
journalctl _PID=1	Show all messages by a specific process
journalctl -p err..alert	Show only error, critical, and alert priority messages
journalctl --vacuum-size=100M	Remove archived journal files until the disk space they use falls below 100M
journalctl --vacuum-size=100M	Remove archived journal files until the disk space they use falls below 100M
journalctl --vacuum-time=2weeks	Make all journal files contain no data older than 2 weeks.

Kernelmodul

lsmod	list kernel-modules
modinfo modulname	show info about modul
modprobe	load modul
modprobe -r modulname	remove modul
/etc/modprobe.d/blacklist.conf blacklist pcspkr	example blackl-isting

Kernelmodul (cont)

/etc/modprobe.d/myfil-ename.conf options thinkpad_acpi fan_control=1	example pass module settings
modprobe - c	Show config-uration of all modules
modprobe - c | grep module_name	Show config-uration of an modul
/etc/modules-load.d/<-program>.conf (insert modulname in file)	load modul manually
/etc/mkinitcpio.conf	modul hooks
mkinitcpio -M	automatically detected modules
mkinitcpio -v	list all modules pulled in by the various hooks
modprobe.blacklist-=modname1,modna-me2,modname3	add to bootlo-ader's kernel line if no boot is possible

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