BSD Equivilents to Linux Commands

Equivilents

For longtime Linux systems administrators, one of the greatest difficulties is finding the equivalent command in BSD to perform a task. Following table lists some of the ones I finally figured out.

Linux Command	BSD Equivalent	Description	Example
watch	cmdwatch	Repeatedly execute a command and display result	cmdwatch -n 15 df -h
netstat	sockstat	get list of services providing network listeners	sockstat -4l #see only IPv4
lsof	fstat	Find information on open files	fstat /tmp
lsmod	kldstat	list loaded kernel modules	
modprobe	kldload/kldunload	load or unload kernel modules	
lspci	pciconf	list PCI devices	
strace	truss	trace system calls	
update-rc.d	sysrc	Add/Remove services started at boot	sysrc sendmail=YES
cat /proc/cpuinfo	sysctl hw	View information on CPU on machine	sysctl hw
lsblk	geom disk list	View disk information (but, see below)	geom disk list
iptraf	iftop	watch network traffic	iftop -i ge0
	systat	watch network traffic	systat -ifstat 1

Lack of Equivalents

There are some commands that are just not there or without as many options. The information can be found using other means. In many cases, the sysinfo scripts we have shows how to do it, and we have created links below. In other cases, we have linked to other resources.

Linux Command	Description	Link to script
lsblk	Lists block devices. Under BSD, this is a combination of camcontrol, gpart, and grep'ing dmesg	https://forums.freebsd.org/threads/lsblk-8-command-for-freebsd.56008/ or, you can use the command *geom disk list* which is close

References

- http://www.freebsdonline.com/content/view/768/524/
- https://www.freebsd.org/doc/en/articles/linux-users/article.html

- https://stackoverflow.com/questions/4083848/what-is-the-equivalent-of-proc-cpuinfo-on-freebsd-v8-1

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