

## Shell utilities & sytem management Cheat Sheet by Kamil (Kamil) via cheatography.com/134004/cs/27722/

ssh			Statements (cont)	
sshfs [USER@HOST]:[remote_directory] m		mount remote drive in mountpoint	if [-f file.txt]; then	sar
mountpoint [options]			[Command] fi	
ssh -o ServerAliveInterval=X -o		Maintaing ssh conection for X seconds	if [ -z "\$S1" ]; then	fi che
ServerAliveCountMax=Y [HOST]		and Y tries	function function_name	{ <co- fun<="" td=""></co->
		add autentication via ssh, not .pub file	mmands> }	
HOST]			"\$?"	retu
<pre>autossh -N -f -L localhost:[PORTU]:- localhost:[PORTR] [USER@HOST]</pre>		map local port PORTU to PORTR on USER@HOST with autoreconnect	th ( comman)	
TOCATHOSE: [FORTK] [USER@HOST]		OSETT@TIOST With autoreconnect	\$ (expr) 	eva
operations on files & drives				
cp -r \$( <file_listed.txt) outdir<="" td=""><td colspan="2" rowspan="2"><pre>copies files &amp; directories listed in file_list- ed.txt to outdir</pre></td><td colspan="2">system</td></file_listed.txt)>	<pre>copies files &amp; directories listed in file_list- ed.txt to outdir</pre>		system	
			cat /proc/cpuinfo #or lscpu	
<pre>xargs -a file_listed.txt cp -r - same as a t outdir</pre>		above	uname -a	
			ss -tpln	
<pre>tar -(v)czf file.tar.gz /path/- to_compres</pre>	create -	cf archive -xf for extract	lsblk -S	
before)		le.zip to file directory (must exists	dd if=/path/to/image.iso of=/driv-	
		e/ location DS-4M && Sync		nc
mkdir -p dir	make parent directories as needed, no error		sudo mount [drive] [mountpoint]	
rm -r !(*.ext)	delete everything except files with extension .ext		kill -9 \$(pgrep -f [pattern])	
du -hs dir	-hs dir check size of dir use -h for GB or -m for MB			
sename path/basename.ext .ext		printenv		
ep -i -r -E 'pattern1 patte- multiple patterns with grep -i case insensitive - 2 pattern3' recursive		git		
<pre>find -(i)name "pattern" -type d/f</pre>	list f files or d directories with matching pattern		<pre>git rm -rcached <path file.ext=""></path></pre>	remove untrack
Statements				remove undone to remove or - f
while read line; do [Command] done input.file	e <	Loop over file content		copies all chang current branch
for file in ./*.extention; do [Cordone	mmand]	loop over files in directory	3	all commits on a
if test -f file.txt; then [Command	d] fi	check if file exists $-f$ , $-d$ for directory	git checkout -b <ne- w_branch&gt;</ne- 	change & create
			git switch -c <ne- w_branch&gt;</ne- 	same as above



By **Kamil** (Kamil) cheatography.com/kamil/

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