

## Top 30 linux shell tricks Cheat Sheet

by TME520 (TME520) via cheatography.com/20978/cs/17483/

Top 30	
Run the last command as root	sudo !!
Serve current directory tree at http://\$HOSTNAME:8000/	python -m SimpleHTTPServer
Runs previous command but replacing	echo "Hello Morld"
	^Morld^World
	echo "Hello World"
Rapidly invoke an editor to write a long command	[ctrl+x e]
Place the argument of the most recent command on the shell	'ALT+.' or ' <esc> .'</esc>
Salvage a borked terminal	reset
List currently mounted filesystems in nice layout	mount   column -t
Get your external IP address	curl ifconfig.me
Execute a command at a given time	echo "ls -l"   at midnight
Output your microphone to a remote computer's speaker	<pre>dd if=/dev/dsp   ssh -c arcfour -C username@host dd of=/dev/dsp</pre>
Type partial command, check something, resume typing	vi /etc/ssh/ [ctrl+u]
	ls -lisa /etc/ssh/
	[ctrl+y] vi /etc/ssh/ssh_config
Mount folder/filesystem through SSH	sshfs name@server:/path/to/folder /path/to/mount/point
Mount a temporary ram partition	mount -t tmpfs tmpfs /mnt -o size=1024m
Download an entire website	<pre>wgetrandom-wait -r -p -e robots=off -U mozilla http://www.example.com</pre>
Clear the terminal screen	[ctrl+1]
Compare a remote file with a local file	<pre>ssh user@host cat /path/to/remotefile   diff /path/to/- localfile -</pre>
Update twitter via curl	<pre>curl -u user:pass -d status="Tweeting from the shell" http://twitter.com/statuses/update.xml`</pre>
SSH connection through host in the middle	ssh -t reachable_host ssh unreachable_host
Close shell keeping all subprocess running	disown -a && exit
Make 'less' behave like 'tail -f'	less +F somelogfile
Put a console clock in top right corner	while sleep 1; do tput sc; tput cup 0 \$((\$(tput cols)29)); date; tput rc; done &
Shutdown a Windows machine from Linux	net rpc shutdown -I ipAddressOfWindowsPC -U username%-password
List of commands you use most often	history   awk '{a[\$2]++}END{for(i in a){print a[i] " " i}}'   sort -rn   head
32 bits or 64 bits?	getconf LONG_BIT
Set audible alarm when an IP address comes online	ping -i 60 -a IP_address
Reboot machine when everything is hanging	<pre><alt> + <print rq="" screen="" sys=""> + <r> - <s> - <e> - <i> - <u> - <b></b></u></i></e></s></r></print></alt></pre>



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Top 30 (cont)	
Simulate typing	echo "You can simulate on-screen typing just like in the movies"   pv -qL 10
Quickly rename a file	mv filename.{old,new}
Escape any command aliases	\[command]
Delete all files in a folder that don't match a certain file extension	rm !(.foo .bar *.baz)

Bonus: Tricks of the ancient UNIX masters	
Reuse all parameter of the previous command line	!*
Sharing file through http 80 port	nc -v -1 80 < file.ext
Display a block of text with AWK	<pre>awk '/start_pattern/,/stop_pattern/' file.txt</pre>
Kills a process that is locking a file	fuser -k filename
Display all current terminal settings	stty -a
Type a string, hit [ctrl+d] and see the ASCII codes	od -cx



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