

# Linux Commands Cheat Sheet



Directory				
<b>cd</b> navigate through files and directories	<b>cd..</b> move one directory up	<b>cd-</b> move to your previous directory	<b>pwd</b> show the directory currently working in	<b>rmdir</b> delete a directory and its contents
<b>mkdir [directory]</b> create a new directory		<b>scp [file_name.txt] [server/tmp]</b> securely copy a specific file to a server directory		
<b>rsync -a [your/directory] [backup/]</b> synchronize the contents of a specific directory with a backup directory				

Disk Usage			
<b>df</b> get a report on the system's disk space usage	<b>du</b> check the disk space usage of a file or directory	<b>fdisk -l</b> show disk partitions, sizes, and types	<b>du -ah</b> show disk usage for all files and directory
<b>du -sh</b> show disk usage of the current directory	<b>findmnt</b> show target mount point for all filesystems		

File Commands				
<b>ls</b> list files in a directory	<b>ls -R</b> list all files in the sub-directories	<b>ls -a</b> list all hidden files	<b>ls -al</b> list all files and directories with detailed information like permissions, size, owner, etc	
<b>cat</b> list the contents of a file on standard output	<b>cat &gt; filename</b> creates a new file	<b>diff</b> compare the contents of two files line by line	<b>tar</b> archive multiple files into a common Linux file format	
<b>cat filename 1 filename2&gt;filename3</b> joins two files (1 and 2) and stores the output in a new file (3)			<b>tar xf [compressed_file.tar]</b> extract archived file	
<b>cat filename   tr a-z A-Z &gt;output.txt</b> convert a file to upper or lower case			<b>tar czf [compressed_file.tar.gz]</b> create a gzip-compressed tar file	
<b>tar cf [compressed_file.tar] [file_name]</b> create an archived file from a file			<b>gzip [file_name]</b> compress a file with the .gz extension	
<b>chmod</b> change the read, write, and execute permissions of files and directories		<b>chown</b> change or transfer file ownership		<b>rm [file_name]</b> remove a file

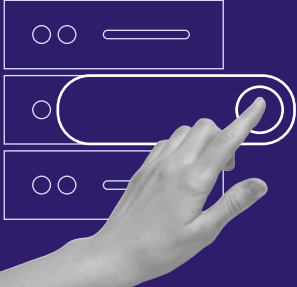
File Commands			
<b>rm -r [directory_name]</b> remove a directory recursively	<b>rm -rf [directory_name]</b> remove a directory recursively without requiring confirmation	<b>wc</b> print the number of words, lines, and bytes in a file	
<b>cp</b> copy files from the current directory to a different directory	<b>cp [file_name1] [file_name2]</b> copy the contents of the first file to the second file		<b>wget</b> download files from the internet
<b>cp -r [directory_name1] [directory_name2]</b> recursively copy the contents of the first directory into the second directory			<b>mv</b> to move or rename files
<b>mv [file_name1] [file_name2]</b> rename file_name1 to file_name2		<b>ln -s /path/to/[file_name] [link_name]</b> create a symbolic link to a file	
<b>touch [file_name]</b> create a new file	<b>more [file_name]</b> show the contents of a file	<b>head [file_name]</b> show the first 10 lines of a file	
<b>tail [file_name]</b> show the last 10 lines of a file	<b>gpg -c [file_name]</b> encrypt a file	<b>gpg [file_name.gpg]</b> decrypt a file	
<b>sudo</b> perform tasks that need administrative or root permissions	<b>locate</b> to search for a file or directory	<b>find</b> to locate files within a directory	<b>jobs</b> display current jobs
<b>kill</b> terminate an unresponsive program	<b>history</b> review the commands you entered before	<b>uname</b> print information about your Linux system	<b>man</b> show manual instructions of Linux commands
<b>zip</b> compress files into a zip archive	<b>unzip</b> extract zipped files from a zip archive	<b>top</b> monitor system resource usage	<b>ps</b> show a snapshot of active processes
<b>echo</b> move data into a file	<b>hostname</b> know the name of your host/network	<b>ping</b> check connectivity to a server	

Network			
<b>ip addr show</b> show IP addresses and network interfaces	<b>ifconfig</b> show IP addresses of all network interfaces	<b>netstat -pnlut</b> show active ports	<b>netstat -nutlp</b> show more information about a domain
<b>whois [domain]</b> show more information about a domain	<b>dig [domain]</b> show DNS information about a domain	<b>host [domain]</b> do an IP lookup for a domain	

System	
<b>uname -r</b> show system information	<b>last reboot</b> show system reboot history
<b>timedatectl</b> query and change the system clock	<b>date</b> show current time and date
<b>hostname -i</b> show the IP address of the system	<b>uptime</b> show how long the system has been running, including load average

User	
<b>id</b> show details of the user	<b>passwd</b> add a password to a user's account
<b>useradd</b> create a new user	<b>last</b> show last logins
<b>userdel [user_name]</b> remove a user	

Keyboard Shortcuts			
<b>Ctrl + E</b> move to the end of the line	<b>Ctrl + A</b> move to the beginning of the line	<b>Ctrl + C</b> stop and terminate the current command	<b>Ctrl + W</b> cut one word before the cursor and add it to the clipboard
<b>TAB</b> autofill typing	<b>Ctrl + Q</b> unfreeze the terminal	<b>Ctrl + Z</b> pause the command	<b>Ctrl + S</b> freeze the terminal
<b>Ctrl + U</b> cut part of the line before the cursor and add it to the clipboard		<b>Ctrl + K</b> cut part of the line after the cursor and add it to the clipboard	
<b>Ctrl + R</b> recall the last command that matches the provided characters		<b>Ctrl + Y</b> paste from clipboard	
<b>!!</b> repeat the last command		<b>Ctrl + G</b> exit command history without running a command	
		<b>Ctrl + O</b> run the previously recalled command	
		<b>exit</b> log out of the current session	



Start your own website with unlimited hosting. Use [HostingerTutorials](#) Discount Code and Get Up to **83% OFF** for any web hosting plan.

[Use It Today](#)