

Linux Commands Cheat Sheet

Command	Description	Example
ls	List directory contents	ls -l
cd	Change directory	cd /home/user
mkdir	Create new directory	mkdir projects
cat	View file contents	cat file.txt
man	Show manual/help for command	man ls
tr	Translate/replace characters	echo 'hi' tr i o
diff	Compare two files line by line	diff file1.txt file2.txt
locate	Find files by name (uses DB)	locate hello.txt
find	Search for files in directories	find /home -name file.txt
-maxdepth	Limit search depth (with find)	find / -maxdepth 2 -name file.txt
chmod	Change file permissions	chmod 755 script.sh
grep	Search text with patterns	grep 'hello' file.txt
regex	Regular expressions for patterns	grep '[0-9]' file.txt
alias	Create shortcut for command	alias ll='ls -l'
wget	Download files from web	wget http://example.com/file.txt
top	Show running processes & CPU/mem usage	top
zip	Compress files into .zip archive	zip archive.zip file1 file2
ps	Show running processes	ps aux
cron	Schedule recurring tasks	crontab -e
systemctl	Control system services	systemctl status ssh

sed	Stream editor for text manipulation	sed 's/old/new/g' file.txt
-----	-------------------------------------	----------------------------