

THE ULTIMATE LINUX COMMAND CHEAT SHEET FOR BEGINNERS

File & Directory Operations

Command	Description
ls	List directory contents
cd	Change directory
pwd	Print working directory
mkdir	Create a new directory
rm	Remove files or directories
cp	Copy files or directories
mv	Move or rename files and directories

File Viewing & Editing

Command	Description
cat	View file content
less	View file content one page at a time
grep	Search for patterns in files
nano	Simple text editor

System Monitoring

Command	Description
top	Display running processes
htop	Interactive process viewer (needs installation)
df	Display disk space usage
du	Show disk usage of files and directories
free	Display memory usage

System Management

Command	Description
sudo	Execute a command as another user (usually root)
chmod	Change file permissions
chown	Change file owner and group
systemctl	Control system services

Networking

Command	Description
ping	Check connectivity to a host
ifconfig	Display network interfaces (ip a for newer)
curl	Transfer data from or to a server
wget	Download files from the web

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Useful Utilities

Command	Description
tar	Archive and compress files
zip / unzip	Compress and extract files
find	Search for files in a directory hierarchy
history	Show command history

Script Execution

Command	Description
bash	Execute a script
./	Execute a script in the current directory