

Linux Commands

File and Directory Operations

(By Kartik Kumar)

ls	List files in current directory
pwd	Show current directory path
cd dirname	Change directory (note: not persistent)
cat filename	Show contents of a file
mkdir test	Create a new directory
touch file.txt	Create a new file
rm file.txt	Delete a file
rmdir folder	Delete a folder

System Info

uname -a	OS and kernel info
uptime	System uptime
whoami	Current user
hostname	Machine hostname
top -b -n1	System resource usage (brief)
free -h	Memory usage
df -h	Disk space

User & Process Commands

ps	List running processes
ps aux	Detailed list of all processes
id	Show user identity info
who	Show who is logged in

Networking

Linux Commands

ifconfig or ip a	Show network interfaces
ping google.com -c 4	Test network connectivity
netstat -tuln	Show active ports and connections
curl example.com	Get webpage content (if installed)

Permission & Ownership

chmod +x file	Make file executable
chown user file	Change file ownership
ls -l	Show permissions and details

EXTRA

echo Hello
date
cal