

# Linux Survival Commands

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## Getting Help

`man command` – provide a detailed explanation of the command

## File Manipulation

`ls` – directory listing

`ls -al` – formatted listing with hidden files

`cd dir` - change directory to dir

`pwd` – show current directory

`mkdir dir` – create a directory dir

`rm file` – delete file

`rm -r dir` – delete directory dir

`rm -f file` – force remove file

`rm -rf dir` – force remove directory dir

`cp file1 file2` – copy file1 to file2

`cp -r dir1 dir2` – copy dir1 to dir2 and create dir2 if it doesn't exist

`mv file1 file2` – rename or move file1 to file2 if file2 is an existing directory, moves file1 into directory file2

`cat file` – output the content of file

`pico file` – edit the content of file

## File Permissions

`chmod 700 file` – change permissions of file to read, write and execute for the owner and no permissions for all the others

`chmod 755 file` – change permissions of file to read, write and execute for the owner and just execute for all the others

`chmod 777 file` – change permissions of file to read, write, execute for all

## Process Management

`ps` – display your currently active processes

`kill pid` – kill process id pid

`killall proc` – kill all processes named proc

`Ctrl+C` – halts the current command

## Searching

`grep pattern file` – search for pattern in file

## Networking

`ssh user@host` – connect to host as user using the SSH protocol

`exit` – terminate the current session

## Compression

`zip archive file` – zip file in archive

`unzip file` – unzip the file in the current directory