

Unix/Linux basic Commands

- ls: Directory listing
- ls -al: Formatted listing with hidden files
- ls -lt :Sorting the Formatted listing by time modification
- cd dir :Change directory to dir
- cd :Change to home directory
- touch file: Create or update file
- rm file :Deleting the file
- rm -r dir: Deleting the directory
- rm -f file :Force to remove the file
- rm -rf dir: Force to remove the directory dir
- cp file1 file2 :Copy the contents of file1 to file2
- cp -r dir1 dir2 :Copy dir1 to dir2;create dir2 if not present
- pwd :Show current working directory
- mkdir dir :Creating a directory dir
- cat file :Places the standard input into the file
- more file :Output the contents of the file
- head file: Output the first 10 lines of the file
- tail file: Output the last 10 lines of the file
- tail -f file: Output the contents of file as it grows,starting with the last 10 lines
- mv file1 file2 :Rename or move file1 to file2;if file2 is an existing directory
- ln -s file link: Create symbolic link to file
- ps: To display the currently working processes
- top: Display all running process Unix/Linux Command Reference
- kill pid :Kill the process with given pid
- killall proc :Kill all the process named proc
- pkill pattern: Will kill all processes matching the pattern
- bg List stopped or background jobs,resume a stopped job in the background
- fg :Brings the most recent job to foreground
- fg n :Brings job n to the foreground, n is number
- grep pattern file: Search for all possible patterns in file, patterns can be words, characters, expression.
- grep -r pattern dir: Search recursively for pattern in dir
- command | grep: pattern Search pattern in the output of a command
- locate file :Find all instances of file

- `find . -name filename`: Searches in the current directory (represented by a period) and below it, for files and directories with names starting with filename
- `pgrep pattern`: Searches for all the named processes , that matches with the pattern and, by default, returns their ID
- `date`: Show the current date and time
- `uptime`: Show current uptime
- `w`: Display who is on line
- `whoami`: Who you are logged in as
- `finger user`: Display information about user
- `uname -a`: Show kernel information
- `cat /proc/cpuinfo`: Cpu information
- `cat /proc/meminfo`: Memory information
- `man command`: Show the manual for command
- `df`: Show the disk usage
- `du`: Show directory space usage
- `free`: Show memory and swap usage
- `whereis app`: Show possible locations of app
- `which app`: Show which applications will be run by default