

BASIC TERMINAL COMMANDS

PWD AND CD

- PWD GIVES YOU THE CURRENT WORKING DIRECTORY , WHICH MEANS IT RETURNS THE ENTIRE PATH OF THE DIRECTORY YOU'RE WORKING IN.
- CD (CHANGE DIRECTORY) IS USED TO MOVE TO THE DESIRED PATH (FROM ONE DIRECTORY TO ANOTHER)
- WHEN YOU OPEN A FRESH TERMINAL, YOU ARE IN THE HOME DIRECTORY.
- "/" IS THE ROOT DIRECTORY

DIR AND LS

- DIR LISTS THE DIRECTORY IN THE CURRENT WORKING DIRECTORY
- LS LISTS ALL FILES AND DIRECTORIES IN THE CURRENT WORKING DIRECTORY

TOUCH AND CAT

- THIS COMMAND IS USED TO CREATE A NEW FILE, IF A FILE IS ALREADY THERE THEN IT WILL CHANGE THE TIMESTAMP OF THE FILE TO THE CURRENT TIME.
- YOU CAN CHECK TIMESTAMP BY USING STAT FILENAME.
- CAT IS USED TO LIST WHAT IS INSIDE THE FILE.

MKDIR AND RM

- MKDIR IS USED TO CREATE A NEW DIRECTORY.
- RM IS USED TO REMOVE A FILE BUT IF YOU ADD `-R` FLAG YOU CAN REMOVE AN ENTIRE DIRECTORY.

CP AND MV

- CP IS USED TO CP SOURCE FILE TO WHATEVER TARGET THAT IS SET. YOU CAN ALSO USE THE `-R` FLAG.
- MV IS USED TO RELOCATE FILE FROM ONE PATH TO ANOTHER , IT IS ALSO USED TO RENAME FILES AS THERE IS NO COMMAND THAT RENAMES INSTANTLY.

HEAD AND TAIL

- HEAD GETS THE FIRST 10 LINES OF A FILE.
- TAIL GETS THE LAST 10 LINES OF A FILE.
- YOU CAN USE -N FLAG TO SPECIFY NUMBER OF LINES TO SHOW ON THE TERMINAL WINDOW.

APT ,APT-GET AND WGET

- THIS IS ONE OF THE MOST IMPORTANT AND MOST USED COMMANDS OF UBUNTU THAT WORKS WITH UBUNTU ADVANCED PACKAGING TOOL (APT); YOU CAN USE THIS “**-APT-GET**” OR “**-APT**” TO INSTALL OR REMOVE PACKAGES, OR YOU CAN PERFORM OTHER MAINTENANCE TASKS. THE “**APT**” REQUIRES SUDO PRIVILEGES TO SUCCESSFULLY EXECUTE THE COMMAND.
- WGET IS USED TO DOWNLOAD FILES OR WHATEVER IS DESIRED FROM THE INTERNET.
- APT INSTALL , AND APT REMOVE ARE SELF EXPLANATORY.

OTHER COMMANDS

- HISTORY SHOWS THE HISTORY OF COMMANDS.
- UNAME -A SHOWS THE KERNEL VERSION.
- GREP WITH THE HELP OF GREP, YOU CAN SEARCH FOR A PATTERN IN WHICH A SPECIFIC WORD LIES.
- MAN THE MAN COMMAND WILL HELP YOU TO GET THE COMPLETE USER MANUAL OF ANY SPECIFIC COMMAND.
- PS LISTS THE PROCESSES.

CONTINUED

- GZIP IS USED TO COMPRESS FILES.
- HOSTNAME PRINTS OUT THE HOSTNAME.
- PING CHECKS THE CONNECTIVITY TO A CERTAIN SERVER IF IT'S REACHABLE OR CHECKS INTERNET CONNECTION.
- PASSWD CHANGES THE USER PASSWORD IF DESIRED.