

Linux

To create a folder	<code>mkdir <folder_name></code>
To get into a folder	<code>cd <folder_name></code>
To create a file	<code>vim <file name></code>
To display the contents of a file	<code>cat <file name></code>

Handy commands

To get into a folder	<code>cd <folder name></code>
To get the list of available files and folders in a directory	<code>ls</code>
To get the current logged in user	<code>whoami</code>
To get the present working directory	<code>pwd</code>
To get the list of all commands used	<code>history</code>
To clear screen	<code>clear</code>
To get date and time	<code>date</code>
To get kernel name	<code>uname</code>
To get kernel version	<code>uname -r</code>
To get manual of a command	<code>man <command name></code>

Copy / Move

To copy a file	<code>cp <option> <source> <destination></code>
To delete a file	<code>rm <option> <path to the file>></code>
To move/rename a file	<code>mv <source> <destination></code>

User management

To add a new user account	<code>sudo useradd <user name></code>
To create a password to the user account	<code>sudo passwd <user name></code>
To create a new group	<code>sudo group add <group name></code>
To add user to a group	<code>sudo gpasswd -a <user name> <group name></code>
To delete a user	<code>sudo userdel <user name></code>
To delete a group	<code>sudo groupdel <group name></code>

File permissions

To change permission	<code>chmod <mode> <file/directory></code>
To change ownership	<code>chown <owner> <file/directory></code>
To change group ownership	<code>chgrp <group name> <file/directory></code>

Access Control Lists(ACL)

To get ACL entries of a file or directory	<code>getfacl <file/directory></code>
To set ACL to a file/folder	<code>setfacl -m u:username:permissions <file/directory></code>
To remove ACL of a user	<code>setfacl -x u:username:permissions <file/directory></code>
To set ACL of a group	<code>setfacl -m g:groupname:permissions <file/directory></code>
To remove ACL of a group	<code>setfacl -x g:groupname:permissions <file/directory></code>
To set ACL	<code>setfacl [options] -m u:username:permissions file/directory</code>

Global regular expressions Print

Case-insensitive pattern search	<code>grep <pattern><file_name></code>
Display line numbers	<code>grep -n <pattern> <file></code>
Search recursively in directories	<code>grep -r <pattern> <directory></code>
Regular expression search	<code>grep -E <string/expression> file</code>
Search recursively in directories:	<code>grep -r <string/expression> /path/to/-directory</code>

Find

Find files by name	<code>find /path/to/directory -name "*.txt"</code>
Find directories	<code>find /path/to/directory -type d</code>
Display bottom few line of code	<code>tail -n <no of lines to display><file name></code>
Display top few line of code	<code>tail -n <no of lines to display><file name></code>
Create a tar archive	<code>tar -cvf <tar archive file> <path to file or folder to be archived></code>
Awk command syntax	<code>awk 'pattern { action }' input_file</code>



By sowmyabm

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Page 1 of 1.

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