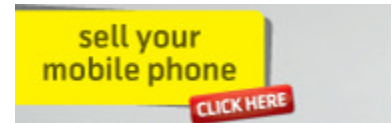




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Sunday, May 25, 2014



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## Here's A List Of 83 Linux Commands For Beginners!

*Switching to Linux was a wonderful decision, now it's time to explore its power - the command line!*

So you have just switched to Linux and trying to figure out what was the fuss about the command prompt as the most powerful tool. Well here's a list of Linux commands for a beginner to help you get a glimpse of what the command prompt can do for you.

### Viewing, copying, moving and deleting files

ls	Display the contents of the current directory
ls -a	Display also hidden files and hidden directories
cp filename /path/dir_name	Copy filename into directory /path/dir_name
cp -r dir_name /path/dir_name2	Copy the entire dir_name into /path/dir_name2
cp filename1 filename2 /path/dir_name	Copy filename1 and filename2 into /path/dir_name
rm name	Remove a file or directory called name
rm -r name	Remove an entire directory as well as its included files and subdirectories
mv filename /path/dir_name	Move filename into /path/dir_name
mv filename1 filename2	Rename filename1 to filename2
cat filename	Display filenames contents
more filename	Display filename in pages. Use spacebar to view next page
head filename	Display filenames first 10 lines
head -15 filename	Display filenames first 15 lines

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tail filename	Display filenames last 10 lines
tail -15 filename	Display filenames last 15 lines
pwd	Display current directory
cd /path/dir_name	Change to directory /path/dir_name
cd ..	Go 1 directory up
mkdir dir_name	Create directory dir_name
rmdir dir_name	Delete directory dir_name

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### Finding files and text within files

updatedb	Update (create first time used) a database of all files under the root directory /
locate filename	Find file filename searching in the database
find / -name filename	Starting from the root directory search for the file called filename
find / -name *filename	Same as above but search for file containing the string filename
grep string /path/dir_name	Starting from /path/dir_name search for all files containing string
which application_name	Search \$path for application app_name
whereis application_name	Search \$path, man pages and source files for application_name

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### Archived files

#### Decompress

tar -xzf filename.tgz	Decompress tgz file
tar -xzf filename.tar.gz	Decompress tar.gz file
tar -xjf filename.tar.bz2	Decompress tar.bz2 file

#### Compress

tar -czf filename.tar /path/dir_name	Compress directory /path/dir_name to filename.tar
gzip -c filename > filename.gz	Compress /path/dir_name to filename.tar.gz
bzip2 -c filename > filename.bz2	Compress /path/dir_name to filename.tar.bz2

### Using rpm files

rpm -hiv package.rpm	Install rpm called package.rpm
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<code>rpm -hiv --force package.rpm</code>	Install rpm called package.rpm by force
<code>rpm -hUv package.rpm</code>	Upgrade rpm called package.rpm
<code>rpm -e package.rpm</code>	Delete rpm called package.rpm
<code>rpm -qpil package.rpm</code>	List files in not-installed rpm called package.rpm
<code>rpm -ql package.rpm</code>	List files in installed rpm called package.rpm
<code>rpm -q str</code>	List installed rpms containing the string str
<code>rpm -qf /path/application_name</code>	Display the rpm that contains application application_name

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## Starting and Stopping

<code>startx</code>	Start the X system
<code>shutdown -h now</code>	Shutdown the system now and do not reboot
<code>halt</code>	Same as above
<code>shutdown -r now</code>	Reboot
<code>reboot</code>	Same as above
<code>shutdown -r +10</code>	Reboot in 10 minutes

## Mounting filesystems

<code>mount -t vfat /dev/sd(a)(1) /mnt/c_drive</code>	Mount the first partition 1 of the first hard disk drive a which is in fat32 vfat format under /mnt/c_drive directory
<code>mount -t iso9660 /dev/cdrom /mnt/cdrom</code>	Mount cdrom under /mnt/cdrom directory
<code>umount /mnt/hda1</code>	Unmount the above

## User administration

<code>users</code>	Display users currently logged in
<code>adduser username</code>	Create a new user called username
<code>passwd username</code>	Define password for user called username
<code>who</code>	List logged-in users
<code>whoami</code>	Display current user
<code>finger username</code>	Displays info about user username
<code>su</code>	Log in as root from current login
<code>su -</code>	Log in as root from current login and take root's path
<code>exit</code>	Exit from console login (ie, logout).

## Processes

<code>command</code>	Execute command in the foreground
<code>command &amp;</code>	Execute command in the background
<code>ctrl+z</code>	Suspend a program
<code>ctrl+c</code>	Interrupt a program
<code>ps</code>	List all processes