

Linux files system

/	root directory of the entire file system
/bin/	Essential user command binaries
/boot/	static files of the boot loader
/dev/	device files
/etc/	host-specific system configuration
/home/	user home directories
/lib/	essential shared libraries and kernel modules
/media/	mount point for removable media such as USB
/mnt/	mount point for a temporarily mounted files systems
/opt/	optional commercial software
/sbin/	system binaries
/usr/	user utilities and applications
/root/	home directory for the root user

these are not all the file system directories ,but they're the most important to know

Not that important command

cal (yearN-umber)	display the calendar for the proper year
date	display the current date

Navigating Between directories

pwd	print working directory
cd ~	change directory to home
cd ..	go up one directory
cd /folder/floder	move to the wanted folder

operations on files and directories

cp <file> <target dir>	copy file to a target directory
cp -i <file1> <file2>	Ask if to replace the new file with the old one
mv <file> <target dir>	move file to a target directory, and can be used to rename files
rm <file>	remove file
rm -r <dir>	remove directory recursively
rm -i	prompt for every removal
nano <file>	a terminal based text editor
mkdir <dir name>	makes new directory

you can also use "rmdir -p (path)" this command will delete all of the tree archaic unless the tree has files inside of it.

ls command

-a	מציג את כל הקבצים כולל המוסתרים בנתיב
-l	מציג את הקבצים בצורה מפורטת רשם הרשאות, גודל ועוד
-i	מציג את הקבצים והתקיות ואת כתובתם בזיכרון
-S	מציג את התקיות לפי הגודל. מהקטן לגדול
-R	מבוצע בצורה ריקורסיבית לתוך התקיות
*	מציג רק את הקבצים עם הסיימת (Endwith)

ls command (cont)

(startWith)*	מציג את התווים המתחילים עם
String	מציג את כל הקבצים שיש

Permissions numbers

0	no permissions
1	execute
2	write
3	write and execute
4	read
5	read and execute
6	read and write
7	read write and execute



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