

# Untitled1

April 2, 2020

```
[ ]: ls
```

```
[2]: cd HW2
```

```
[3]: ls
```

Untitled1.ipynb

```
[4]: pwd
```

/home/jupyter-aigerimunisat/HW2

```
[5]: cd ..
```

```
[6]: ls
```

```
aigerim      Aigerim_resume  HW1  shared
Aigerim1.txt Aigerim.txt     HW2  Untitled.ipynb
```

```
[7]: ls -l
```

```
total 20
-rw-r--r-- 1 jupyter-aigerimunisat jupyter-aigerimunisat  0 Mar 27 19:58
aigerim
-rw-r--r-- 1 jupyter-aigerimunisat jupyter-aigerimunisat  0 Mar 27 20:17
Aigerim1.txt
-rw-r--r-- 1 jupyter-aigerimunisat jupyter-aigerimunisat 34 Mar 27 20:18
Aigerim_resume
-rw-r--r-- 1 jupyter-aigerimunisat jupyter-aigerimunisat 15 Mar 27 20:19
Aigerim.txt
drwxr-xr-x 3 jupyter-aigerimunisat jupyter-aigerimunisat 4096 Mar 28 12:30 HW1
drwxr-xr-x 3 jupyter-aigerimunisat jupyter-aigerimunisat 4096 Apr  2 13:34 HW2
lrwxrwxrwx 1 jupyter-aigerimunisat jupyter-aigerimunisat  16 Mar 10 11:57
shared -> /srv/data/shared
-rw-r--r-- 1 jupyter-aigerimunisat jupyter-aigerimunisat 1536 Mar 31 14:27
Untitled.ipynb
```

```
[8]: cd HW1
```

[9]: `ls -l`

```
total 16
-rw-r--r-- 1 jupyter-aigerimunisat jupyter-aigerimunisat    0 Mar 27 20:15
Aigerim.txt
-rw-r--r-- 1 jupyter-aigerimunisat jupyter-aigerimunisat 14510 Mar 28 12:30
test.ipynb
```

[10]: `cd ..`

[11]: `cd Hw2`

bash: cd: Hw2: No such file or directory

[12]: `clear`

TERM environment variable not set.

[13]: `clear`

TERM environment variable not set.

[14]: `cd HW2`

[15]: `ls`

Untitled1.ipynb

[16]: `ls -l`

```
total 4
-rw-r--r-- 1 jupyter-aigerimunisat jupyter-aigerimunisat 2845 Apr  2 13:36
Untitled1.ipynb
```

[17]: `man`

What manual page do you want?

[18]: `man`

What manual page do you want?

[19]: `man ls`

LS(1) User Commands LS(1)

## NAME

`ls` - list directory contents

## SYNOPSIS

`ls [OPTION]... [FILE]...`

## DESCRIPTION

List information about the FILES (the current directory by default). Sort entries alphabetically if none of `-cftuvSUX` nor `--sort` is specified.

Mandatory arguments to long options are mandatory for short options too.

`-a, --all`

do not ignore entries starting with `.`

`-A, --almost-all`

do not list implied `.` and `..`

`--author`

with `-l`, print the author of each file

`-b, --escape`

print C-style escapes for nongraphic characters

`--block-size=SIZE`

scale sizes by SIZE before printing them; e.g., `'--block-size=M'` prints sizes in units of 1,048,576 bytes; see SIZE format below

`-B, --ignore-backups`

do not list implied entries ending with `~`

`-c`

with `-lt`: sort by, and show, ctime (time of last modification of file status information); with `-l`: show ctime and sort by name; otherwise: sort by ctime, newest first

`-C`

list entries by columns

`--color[=WHEN]`

colorize the output; WHEN can be 'always' (default if omitted), 'auto', or 'never'; more info below

-d, --directory  
     list directories themselves, not their contents

-D, --dired  
     generate output designed for Emacs' dired mode

-f      do not sort, enable -aU, disable -ls --color

-F, --classify  
     append indicator (one of \*/=>@|) to entries

--file-type  
     likewise, except do not append '\*'

--format=WORD  
     across -x, commas -m, horizontal -x, long -l, single-column -l,  
     verbose -l, vertical -C

--full-time  
     like -l --time-style=full-iso

-g      like -l, but do not list owner

--group-directories-first  
     group directories before files;  
  
     can be augmented with a --sort option, but any use of  
     --sort=none (-U) disables grouping

-G, --no-group  
     in a long listing, don't print group names

-h, --human-readable  
     with -l and/or -s, print human readable sizes (e.g., 1K 234M 2G)

--si     likewise, but use powers of 1000 not 1024

-H, --dereference-command-line  
     follow symbolic links listed on the command line

--dereference-command-line-symlink-to-dir  
     follow each command line symbolic link  
  
     that points to a directory

--hide=PATTERN  
     do not list implied entries matching shell PATTERN (overridden  
     by -a or -A)

`--hyperlink[=WHEN]`  
     hyperlink file names; WHEN can be 'always' (default if omitted),  
     'auto', or 'never'

`--indicator-style=WORD`  
     append indicator with style WORD to entry names: none (default),  
     slash (-p), file-type (--file-type), classify (-F)

`-i, --inode`  
     print the index number of each file

`-I, --ignore=PATTERN`  
     do not list implied entries matching shell PATTERN

`-k, --kibibytes`  
     default to 1024-byte blocks for disk usage

`-l`      use a long listing format

`-L, --dereference`  
     when showing file information for a symbolic link, show informa-  
     tion for the file the link references rather than for the link  
     itself

`-m`      fill width with a comma separated list of entries

`-n, --numeric-uid-gid`  
     like -l, but list numeric user and group IDs

`-N, --literal`  
     print entry names without quoting

`-o`      like -l, but do not list group information

`-p, --indicator-style=slash`  
     append / indicator to directories

`-q, --hide-control-chars`  
     print ? instead of nongraphic characters

`--show-control-chars`  
     show nongraphic characters as-is (the default, unless program is  
     'ls' and output is a terminal)

`-Q, --quote-name`  
     enclose entry names in double quotes

`--quoting-style=WORD`  
 use quoting style WORD for entry names: literal, locale, shell, shell-always, shell-escape, shell-escape-always, c, escape

`-r, --reverse`  
 reverse order while sorting

`-R, --recursive`  
 list subdirectories recursively

`-s, --size`  
 print the allocated size of each file, in blocks

`-S`      sort by file size, largest first

`--sort=WORD`  
 sort by WORD instead of name: none (-U), size (-S), time (-t), version (-v), extension (-X)

`--time=WORD`  
 with -l, show time as WORD instead of default modification time: atime or access or use (-u); ctime or status (-c); also use specified time as sort key if --sort=time (newest first)

`--time-style=STYLE`  
 with -l, show times using style STYLE: full-iso, long-iso, iso, locale, or +FORMAT; FORMAT is interpreted like in 'date'; if FORMAT is FORMAT1<newline>FORMAT2, then FORMAT1 applies to non-recent files and FORMAT2 to recent files; if STYLE is prefixed with 'posix-', STYLE takes effect only outside the POSIX locale

`-t`      sort by modification time, newest first

`-T, --tabsize=COLS`  
 assume tab stops at each COLS instead of 8

`-u`      with -lt: sort by, and show, access time; with -l: show access time and sort by name; otherwise: sort by access time, newest first

`-U`      do not sort; list entries in directory order

`-v`      natural sort of (version) numbers within text

`-w, --width=COLS`  
 set output width to COLS. 0 means no limit

-x      list entries by lines instead of by columns

-X      sort alphabetically by entry extension

-Z, --context  
        print any security context of each file

-1      list one file per line. Avoid '\n' with -q or -b

--help display this help and exit

--version  
        output version information and exit

The SIZE argument is an integer and optional unit (example: 10K is 10\*1024). Units are K,M,G,T,P,E,Z,Y (powers of 1024) or KB,MB,... (powers of 1000).

Using color to distinguish file types is disabled both by default and with --color=never. With --color=auto, ls emits color codes only when standard output is connected to a terminal. The LS\_COLORS environment variable can change the settings. Use the dircolors command to set it.

#### Exit status:

0      if OK,

1      if minor problems (e.g., cannot access subdirectory),

2      if serious trouble (e.g., cannot access command-line argument).

#### AUTHOR

Written by Richard M. Stallman and David MacKenzie.

#### REPORTING BUGS

GNU coreutils online help: <<http://www.gnu.org/software/coreutils/>>  
Report ls translation bugs to <<http://translationproject.org/team/>>

#### COPYRIGHT

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#### SEE ALSO

Full documentation at: <<http://www.gnu.org/software/coreutils/ls>>  
or available locally via: info '(coreutils) ls invocation'

```
[20]: ls -all
```

```
total 20
drwxr-xr-x 3 jupyter-aigerimunisat jupyter-aigerimunisat 4096 Apr  2 13:38 .
drwxr-x--- 9 jupyter-aigerimunisat jupyter-aigerimunisat 4096 Apr  2 13:34 ..
drwxr-xr-x 2 jupyter-aigerimunisat jupyter-aigerimunisat 4096 Apr  2 13:34
.ipynb_checkpoints
-rw-r--r-- 1 jupyter-aigerimunisat jupyter-aigerimunisat 5351 Apr  2 13:38
Untitled1.ipynb
```

```
[21]: ls -a
```

```
.  ..  .ipynb_checkpoints  Untitled1.ipynb
```

```
[1]: ls
```

```
file.jpg  task12  test2  Untitled1.ipynb  Untitled.ipynb
task      test1   test3  untitled.dio
```

```
[2]: file test1
```

```
test1: directory
```

```
[3]: ls
```

```
file.jpg  task12  test2  Untitled1.ipynb  Untitled.ipynb
task      test1   test3  untitled.dio
```

```
[4]: cd ..
```

```
[5]: cd /
```

```
[6]: ls
```

```
bin      etc          lib          mkdir  root  srv        usr
boot     home         lib64        mnt    run   swap.img  var
cdrom    initrd.img   lost+found   opt    sbin  sys       vmlinuz
dev      initrd.img.old media        proc   snap  tmp       vmlinuz.old
```

```
[7]: cd bin
```

```
[8]: ls
```

```
bash          egrep          nc.openbsd    ss
btrfs         false          netcat        static-sh
btrfsck       fgconsole     netstat       stty
btrfs-debug-tree fgrep         networkctl    su
btrfs-find-root findmnt        nisdomainname sync
```



btrfs-image	fsck.btrfs	ntfs-3g	systemctl
btrfs-map-logical	fuser	ntfs-3g.probe	systemd
btrfs-select-super	fusermount	ntfscat	systemd-ask-password
btrfstune	getfacl	ntfscluster	systemd-escape
btrfs-zero-log	grep	ntfscmp	systemd-hwdb
bunzip2	gunzip	ntfsfallocate	systemd-inhibit
busybox	gzexe	ntfsfix	systemd-machine-id-setup
bzcat	gzip	ntfsinfo	systemd-notify
bzcmp	hostname	ntfsls	systemd-sysusers
bzdiff	ip	ntfsmove	systemd-tmpfiles
bzegrep	journalctl	ntfsrecover	systemd-tty-ask-password-agent
bzexe	kbd_mode	ntfssecaudit	tar
bzfgrep	kill	ntfstruncate	tempfile
bzgrep	kmod	ntfsusermap	touch
bzip2	less	ntfswipe	true
bzip2recover	lessecho	open	udevadm
bzless	lessfile	openvt	unlockmgr_server
bzmore	lesskey	pidof	umount
cat	lesspipe	ping	uname
chac1	ln	ping4	uncompress
chgrp	loadkeys	ping6	unicode_start
chmod	login	plymouth	vdir
chown	loginctl	ps	wdctl
chvt	lowntfs-3g	pwd	which
cp	ls	rbash	whiptail
cpio	lsblk	readlink	ypdomainname
dash	lsmod	red	zcat
date	mkdir	rm	zcmp
dd	mkfs.btrfs	rmdir	zdiff
df	mknod	rnano	zegrep
dir	mktemp	run-parts	zfgrep
dmesg	more	rzsh	zforce
dnsdomainname	mount	sed	zgrep
domainname	mountpoint	setfacl	zless
dumpkeys	mt	setfont	zmore
echo	mt-gnu	setupcon	znew
ed	mv	sh	zsh
efibootdump	nano	sh.distrib	zsh5
efibootmgr	nc	sleep	

```
[9]: cd ..
```

```
[10]: cd etc
```

```
[11]: ls
```

acpi	inputrc	protocols
adduser.conf	iproute2	python

alternatives	iscsi	python2.7
apache2	issue	python3
apm	issue.net	python3.6
apparmor	java-11-openjdk	python3.8
apparmor.d	kernel	rc0.d
appport	kernel-img.conf	rc1.d
apt	landscape	rc2.d
at.deny	ldap	rc3.d
bash.bashrc	ld.so.cache	rc4.d
bash_completion	ld.so.conf	rc5.d
bash_completion.d	ld.so.conf.d	rc6.d
bindresvport.blacklist	legal	rc.local
binfmt.d	libaudit.conf	rcS.d
byobu	libnl-3	resolv.conf
ca-certificates	libpaper.d	rmt
ca-certificates.conf	lighttpd	rpc
calendar	locale.alias	rsyslog.conf
cloud	locale.gen	rsyslog.d
console-setup	localtime	screenrc
cron.d	logcheck	securetty
cron.daily	login.defs	security
cron.hourly	logrotate.conf	selinux
cron.monthly	logrotate.d	sensors3.conf
crontab	lsb-release	sensors.d
cron.weekly	ltrace.conf	services
cryptsetup-initramfs	lvm	shadow
crypttab	machine-id	shadow-
dbus-1	magic	shells
debconf.conf	magic.mime	skel
debian_version	mailcap	sos.conf
default	mailcap.order	ssh
deluser.conf	manpath.config	ssl
depmod.d	mdadm	subgid
dhcp	mime.types	subgid-
dnsmasq.d	mke2fs.conf	subuid
dnsmasq.d-available	modprobe.d	subuid-
dpkg	modules	sudoers
environment	modules-load.d	sudoers.d
ethertypes	mtab	supervisord.conf
fonts	mysql	sysctl.conf
fstab	nanorc	sysctl.d
fuse.conf	netplan	systemd
gai.conf	network	terminfo
ghostscript	networkd-dispatcher	texmf
glvnd	NetworkManager	thermald
groff	networks	timezone
group	newt	tmpfiles.d
group-	nsswitch.conf	ucf.conf

grub.d	octave.conf	udev
gshadow	opt	ufw
gshadow-	os-release	updatedb.conf
gss	overlayroot.conf	update-manager
gtk-2.0	pam.conf	update-motd.d
gtk-3.0	pam.d	update-notifier
hdparm.conf	papersize	vim
host.conf	passwd	vmware-tools
hostname	passwd-	vtrgb
hosts	perl	wgetrc
hosts.allow	pm	X11
hosts.deny	polkit-1	xdg
ImageMagick-6	pollinate	zsh
init	popularity-contest.conf	zsh_command_not_found
init.d	profile	
initramfs-tools	profile.d	

[12]: `cd ..`

[13]: `cd lib`

[14]: `ls`

apparmor	init	netplan
console-setup	klibc-wBFLvVtxy4xJqEadIBJMa78iJz8.so	open-iscsi
cpp	libhandle.so.1	recovery-mode
crda	libhandle.so.1.0.3	systemd
cryptsetup	lsb	terminfo
ebtables	modprobe.d	udev
firmware	modules	ufw
hdparm	modules-load.d	x86_64-linux-gnu

[16]: `cd ..`

[17]: `cd mnt`

[18]: `ls`

[19]: *#empty folder*

[20]: `cd ..`

[21]: `cd home`

[22]: `ls`

azat	jupyter-cubefiction	jupyter-official-nanakai
jupyter-admin	jupyter-danenok	jupyter-orissim

jupyter-aiana178	jupyter-darganius	jupyter-tsagynysh
jupyter-aigerimunisat	jupyter-ekdana	jupyter-unisat
jupyter-aizadait	jupyter-inkar601	jupyter-unisatkz
jupyter-amayakof	jupyter-kkenzh	jupyter-yeldana
jupyter-amirkhan	jupyter-nazymungarova	jupyter-zhandos
jupyter-arayka	jupyter-nuray.serkali	jupyter-zhanelbaltabay
jupyter-aruzhan149	jupyter-nurike	jupyter-zhannaspace
jupyter-aselleon	jupyter-nurlaura	
jupyter-azat	jupyter-nurlaura2	

```
[23]: cd ..
```

```
[24]: cd media
```

```
[25]: ls
```

```
[26]: #empty folder
```

```
[27]: cd ..
```

```
[28]: cd tmp
```

```
[29]: ls
```

```
npm-10827-0e564a4c
npm-16887-8c782a69
npm-1734-4343c47f
npm-22290-49e0f6ff
npm-23142-d27f6bba
npm-23375-6bb977da
npm-23794-403d9440
npm-25556-bcb1e08b
npm-26296-4ea6a34d
npm-26960-6b0c7d95
npm-27460-f5da2395
npm-7544-12d35dae
npm-8050-06c19f33
npm-8322-2a3b4233
npm-9277-386698b9
npm-9736-137906aa
systemd-private-bde4209a9cf34ce29a03310bf98c2445-jupyterhub.service-BlGHgU
systemd-private-bde4209a9cf34ce29a03310bf98c2445-systemd-resolved.service-bxqXyY
systemd-private-bde4209a9cf34ce29a03310bf98c2445-systemd-timesyncd.service-
Vg7n7D
systemd-private-bde4209a9cf34ce29a03310bf98c2445-traefik.service-x45iZK
```

```
[30]: cd ..
```

```
[31]: cd usr
```

```
[32]: ls
```

```
bin  games  include  lib  local  sbin  share  src
```

```
[33]: cd ..
```

```
[34]: cd var
```

```
[35]: ls
```

```
backups  cache  crash  lib  local  lock  log  mail  opt  run  snap  spool  tmp
```

```
[36]: cd /
```

```
[37]: ls
```

```
bin      etc          lib          mkdir  root  srv        usr
boot     home          lib64        mnt    run   swap.img   var
cdrom    initrd.img    lost+found  opt    sbin  sys        vmlinuz
dev      initrd.img.old media        proc   snap  tmp        vmlinuz.old
```

```
[ ]:
```