File Machine View Input Devices Help

```
ak@ubuntu01:~$ who
ak       tty1          2020-04-14 13:40
ak       tty2          2020-04-14 13:41
ak@ubuntu01:~$
```

```
ak@ubuntu01:~$ printenv
LS_COLORS=rs=0:di=01;34:ln=01;36:mh=00:pi=40;33:so=01;35:do=01;35:bd=40;33;01:cd=40;33;01:or=4
0;31;01:mi=00:su=37;41:sg=30;43:ca=30;41:tw=30;42:ow=34;42:st=37;44:ex=01;32:*.tar=01;31:*.tgz
=01;31:*.arc=01;31:*.arj=01;31:*.taz=01;31:*.lha=01;31:*.lz4=01;31:*.lzh=01;31:*.lzma=01;31:*.
tlz=01;31:*.txz=01;31:*.tzo=01;31:*.t7z=01;31:*.zip=01;31:*.z=01;31:*.Z=01;31:*.dz=01;31:*.gz=
01;31:*.lrz=01;31:*.lz=01;31:*.lzo=01;31:*.xz=01;31:*.zst=01;31:*.tzst=01;31:*.bz2=01;31:*.bz=
01;31:*.tbz=01;31:*.tbz2=01;31:*.tz=01;31:*.deb=01;31:*.rpm=01;31:*.jar=01;31:*.war=01;31:*.ea
r=01;31:*.sar=01;31:*.rar=01;31:*.alz=01;31:*.ace=01;31:*.zoo=01;31:*.cpio=01;31:*.7z=01;31:*.
rz=01;31:*.cab=01;31:*.wim=01;31:*.swm=01;31:*.dwm=01;31:*.esd=01;31:*.jpg=01;35:*.jpeg=01;35:
*.mjpg=01;35:*.mjpeg=01;35:*.gif=01;35:*.bmp=01;35:*.pbm=01;35:*.pgm=01;35:*.ppm=01;35:*.tga=0
1;35:*.xbm=01;35:*.xpm=01;35:*.tif=01;35:*.tiff=01;35:*.png=01;35:*.svg=01;35:*.svgz=01;35:*.m
ng=01;35:*.pcx=01;35:*.mov=01;35:*.mpg=01;35:*.mpeg=01;35:*.m2v=01;35:*.mkv=01;35:*.webm=01;35
:*.ogm=01;35:*.mp4=01;35:*.m4v=01;35:*.mp4v=01;35:*.vob=01;35:*.qt=01;35:*.nuv=01;35:*.wmv=01;
35:*.asf=01;35:*.rm=01;35:*.rmvb=01;35:*.flc=01;35:*.avi=01;35:*.fli=01;35:*.flv=01;35:*.gl=01
;35:*.dl=01;35:*.xcf=01;35:*.xwd=01;35:*.yuv=01;35:*.cgm=01;35:*.emf=01;35:*.ogv=01;35:*.ogx=0
1;35:*.aac=00;36:*.au=00;36:*.flac=00;36:*.m4a=00;36:*.mid=00;36:*.midi=00;36:*.mka=00;36:*.mp
3=00;36:*.mpc=00;36:*.ogg=00;36:*.ra=00;36:*.wav=00;36:*.oga=00;36:*.opus=00;36:*.spx=00;36:*.
xspf=00;36:
SSH_CONNECTION=192.168.201.142 55572 192.168.201.105 22
LESSCLOSE=/usr/bin/lesspipe %s %s
LANG=en_US.UTF-8
XDG_SESSION_ID=4
USER=ak
PWD=/home/ak
HOME=/home/ak
SSH_CLIENT=192.168.201.142 55572 22
XDG_DATA_DIRS=/usr/local/share:/usr/share:/var/lib/snapd/desktop
SSH_TTY=/dev/pts/0
MAIL=/var/mail/ak
TERM=xterm
SHELL=/bin/bash
SHLVL=1
LOGNAME=ak
XDG_RUNTIME_DIR=/run/user/1000
PATH=/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/usr/games:/usr/local/games:
/snap/bin
LESSOPEN=| /usr/bin/lesspipe %s
_=/usr/bin/printenv
ak@ubuntu01:~$
```

```
ak@ubuntu01:~$ cat /etc/profile
# /etc/profile: system-wide .profile file for the Bourne shell (sh(1))
# and Bourne compatible shells (bash(1), ksh(1), ash(1), ...).

if [ "${PS1-}" ]; then
  if [ "${BASH-}" ] && [ "$BASH" != "/bin/sh" ]; then
    # The file bash.bashrc already sets the default PS1.
    # PS1='\h:\w\$ '
    if [ -f /etc/bash.bashrc ]; then
```

```
      . /etc/bash.bashrc
    fi
  else
    if [ "`id -u`" -eq 0 ]; then
      PS1='# '
    else
      PS1='$ '
    fi
  fi
fi

if [ -d /etc/profile.d ]; then
  for i in /etc/profile.d/*.sh; do
    if [ -r $i ]; then
      . $i
    fi
  done
  unset i
fi
ak@ubuntu01:~$
```

```
ak@ubuntu01:~$ cat ~/.profile
# ~/.profile: executed by the command interpreter for login shells.
# This file is not read by bash(1), if ~/.bash_profile or ~/.bash_login
# exists.
# see /usr/share/doc/bash/examples/startup-files for examples.
# the files are located in the bash-doc package.

# the default umask is set in /etc/profile; for setting the umask
# for ssh logins, install and configure the libpam-umask package.
#umask 022

# if running bash
if [ -n "$BASH_VERSION" ]; then
    # include .bashrc if it exists
    if [ -f "$HOME/.bashrc" ]; then
        . "$HOME/.bashrc"
    fi
fi

# set PATH so it includes user's private bin if it exists
if [ -d "$HOME/bin" ] ; then
    PATH="$HOME/bin:$PATH"
fi

# set PATH so it includes user's private bin if it exists
if [ -d "$HOME/.local/bin" ] ; then
    PATH="$HOME/.local/bin:$PATH"
fi
ak@ubuntu01:~$
```

```
ak@ubuntu01:~$ echo $HISTFILE $HISTSIZE $HISTFILESIZE
/home/ak/.bash_history 1000 2000
ak@ubuntu01:~$
```

```
ak@ubuntu01:~$ who
ak       tty1         2020-04-14 13:40
ak       tty2         2020-04-14 13:41
ak       pts/0        2020-04-14 13:46 (192.168.201.142)
ak@ubuntu01:~$
```

```
ak@ubuntu01:~$ w
 13:57:07 up 17 min,  3 users,  load average: 0.00, 0.07, 0.17
USER     TTY      FROM             LOGIN@   IDLE   JCPU   PCPU WHAT
ak       tty1     -                13:40   16:27   0.17s  0.07s -bash
ak       tty2     -                13:41   10:22   0.14s  0.11s -bash
ak       pts/0    192.168.201.142  13:46    1.00s  0.24s  0.00s w
ak@ubuntu01:~$
```

```
ak@ubuntu01:~$ whoami
ak
ak@ubuntu01:~$
```

```
ak@ubuntu01:~$ id
uid=1000(ak) gid=1000(ak)
groups=1000(ak),4(adm),24(cdrom),27(sudo),30(dip),46(plugdev),108(lxd),113(lpadmin),114(sambas
hare)
ak@ubuntu01:~$
```

```
ak@ubuntu01:~$ uname
Linux
ak@ubuntu01:~$ uname -a
Linux ubuntu01 4.15.0-91-generic #92-Ubuntu SMP Fri Feb 28 11:09:48 UTC 2020 x86_64 x86_64
x86_64 GNU/Linux
ak@ubuntu01:~$ uname -n
ubuntu01
ak@ubuntu01:~$ uname -r
4.15.0-91-generic
ak@ubuntu01:~$ uname -v
#92-Ubuntu SMP Fri Feb 28 11:09:48 UTC 2020
ak@ubuntu01:~$ uname -m
x86_64
ak@ubuntu01:~$ uname -p
x86_64
ak@ubuntu01:~$ uname -i
x86_64
ak@ubuntu01:~$ uname -o
GNU/Linux
ak@ubuntu01:~$
```

```
ak@ubuntu01:~$ hostname
ubuntu01
ak@ubuntu01:~$
```

```
ak@ubuntu01:~$ uptime
 14:03:36 up 24 min,  3 users,  load average: 0.02, 0.02, 0.10
ak@ubuntu01:~$
```

```
ak@ubuntu01:~$ sudo shutdown
[sudo] password for ak:
Shutdown scheduled for Tue 2020-04-14 14:18:57 EEST, use 'shutdown -c' to cancel.
ak@ubuntu01:~$
```

```
ak@ubuntu01:~$ sudo halt
[sudo] password for ak:
```



```
ak@ubuntu01:~$ sudo find /etc -name host?
/etc/hosts
ak@ubuntu01:~$ sudo find /etc -name host*
/etc/hosts.allow
/etc/hosts.deny
/etc/hostname
/etc/host.conf
/etc/hosts
ak@ubuntu01:~$
```

NAME

      ls - list directory contents

SYNOPSIS

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

DESCRIPTION

      List information about the FILEs (the current directory by default). Sort entries alpha-
      betically 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
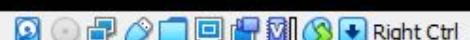
      -B, --ignore-backups
          do not list implied entries ending with ~

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

Manual page ls(1) line 1 (press h for help or q to quit)

Next: dir invocation,   Up: Directory listing

10.1 'ls': List directory contents
==================================

The 'ls' program lists information about files (of any type, including
directories). Options and file arguments can be intermixed arbitrarily,
as usual.

   For non-option command-line arguments that are directories, by
default 'ls' lists the contents of directories, not recursively, and
omitting files with names beginning with '.'. For other non-option
arguments, by default 'ls' lists just the file name. If no non-option
argument is specified, 'ls' operates on the current directory, acting as
if it had been invoked with a single argument of '.'.

   By default, the output is sorted alphabetically, according to the
locale settings in effect.(1) If standard output is a terminal, the
output is in columns (sorted vertically) and control characters are
output as question marks; otherwise, the output is listed one per line
and control characters are output as-is.
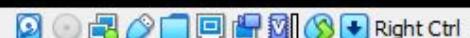
   Because 'ls' is such a fundamental program, it has accumulated many
options over the years. They are described in the subsections below;
within each section, options are listed alphabetically (ignoring case).
The division of options into the subsections is not absolute, since some
options affect more than one aspect of 'ls''s operation.

   Exit status:

     0 success
     1 minor problems (e.g., failure to access a file or directory not
       specified as a command line argument. This happens when listing a
       directory in which entries are actively being removed or renamed.)
     2 serious trouble (e.g., memory exhausted, invalid option, failure
-----Info: (coreutils)ls invocation, 57 lines --Top---
Welcome to Info version 6.5. Type H for help, h for tutorial.

```
ak@ubuntu01:~$ locate -S
Database /var/lib/mlocate/mlocate.db:
        10,870 directories
        73,269 files
        3,911,289 bytes in file names
        1,696,762 bytes used to store database
ak@ubuntu01:~$ locate -A hostname
/bin/hostname
/etc/hostname
/lib/systemd/systemd-hostnamed
/lib/systemd/system/dbus-org.freedesktop.hostname1.service
/lib/systemd/system/hostname.service
/lib/systemd/system/systemd-hostnamed.service
/usr/bin/hostnamectl
/usr/lib/byobu/hostname
/usr/lib/python3/dist-packages/urllib3/packages/ssl_match_hostname
/usr/lib/python3/dist-packages/urllib3/packages/ssl_match_hostname/__init__.py
/usr/lib/python3/dist-packages/urllib3/packages/ssl_match_hostname/__pycache__
/usr/lib/python3/dist-packages/urllib3/packages/ssl_match_hostname/_implementation.py
/usr/lib/python3/dist-packages/urllib3/packages/ssl_match_hostname/__pycache__/__init__.cpytho
n-36.pyc
/usr/lib/python3/dist-packages/urllib3/packages/ssl_match_hostname/__pycache__/_implementation
.cpython-36.pyc
```

```
/usr/share/bash-completion/completions/hostname
/usr/share/bash-completion/completions/hostnamectl
/usr/share/dbus-1/system-services/org.freedesktop.hostname1.service
/usr/share/dbus-1/system.d/org.freedesktop.hostname1.conf
/usr/share/doc/hostname
/usr/share/doc/hostname/changelog.gz
/usr/share/doc/hostname/copyright
/usr/share/lxc/hooks/clonehostname
/usr/share/man/man1/hostname.1.gz
/usr/share/man/man1/hostnamectl.1.gz
/usr/share/man/man5/hostname.5.gz
/usr/share/man/man7/hostname.7.gz
/usr/share/man/man8/systemd-hostnamed.8.gz
/usr/share/man/man8/systemd-hostnamed.service.8.gz
/usr/share/polkit-1/actions/org.freedesktop.hostname1.policy
/usr/share/zsh/vendor-completions/_hostnamectl
/var/lib/dpkg/info/hostname.list
/var/lib/dpkg/info/hostname.md5sums
ak@ubuntu01:~$
```

```
ak@ubuntu01:~$ whereis ls
ls: /bin/ls /usr/share/man/man1/ls.1.gz
ak@ubuntu01:~$ whereis -b ls
ls: /bin/ls
ak@ubuntu01:~$
```

```
ak@ubuntu01:/usr/share/doc/init$ zless changelog.gz
init-system-helpers (1.51) unstable; urgency=high

  [ Michael Biebl ]
  * Drop obsolete debian/init-system-helpers.postinst
  * Drop man page translations for update-rc.d.
    Those are outdated and not installed anyway.

  [ Felipe Sateler ]
  * Fix errors in pod2man invocations.
    Catch errors when building pod manpages, and stop trying to build documentation for the
debhelper tools
  * Convert manpages into reStructuredText
  * update-rc.d: fix typo that was disabling all sysv scripts in defaults mode
    (Closes: #879771).

 -- Felipe Sateler <fsateler@debian.org>  Wed, 25 Oct 2017 12:38:42 -0300

init-system-helpers (1.50) unstable; urgency=medium

  [ Steve Langasek ]
  * autopkgtests: Correctly handle unit names that can contain escape sequences.
    They need to be quoted so that the shell does not parse them.
    (Closes: #873789)

  [ Felipe Sateler ]
  * Refactor internals of update-rc.d
    - Refactor actions into a sequence of steps according to the installed
      init systems. This makes plugging new init systems or new actions
      easier.
  * Add vim modelines for file type
```

```
  * update-rc.d: remove -n (dryrun) option, as it did not work.
    Given that nobody complained, lets just remove it. (Closes: #856415)
  * update-rc.d: Add a defaults-disabled action.
    It allows installing a service but disabled. (Closes: #857452)
  * Briefly document defaults-disabled

 -- Felipe Sateler <fsateler@debian.org>  Thu, 12 Oct 2017 20:16:13 -0300

init-system-helpers (1.49) unstable; urgency=low

  [ Felipe Sateler ]
  * Upload to unstable. Urgency low due to large changeset.
  * d-s-invoke: Execute systemctl once when starting units.
    This ensures systemd itself can order them the best way it sees fit.
changelog.gz
```

```
ak@ubuntu01:/usr/share/doc/init$ less copyright
Format: https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/

Files: *
Copyright: 2013 Michael Stapelberg
License: BSD-3-clause

Files: debian/*
Copyright: 2013 Michael Stapelberg <stapelberg@debian.org>
License: BSD-3-clause

Files: script/service man8/service.8
Copyright: 2006 Red Hat, Inc
 2008 Canonical Ltd
License: GPL-2+

Files: script/invoke-rc.d man8/invoke-rc.d.8
Copyright: 2000,2001 Henrique de Moraes Holschuh <hmh@debian.org>
License: GPL-2+

Files: script/update-rc.d man8/update-rc.d.8
Copyright: 1997-2005 Miquel van Smoorenburg <miquels@cistron.nl>
 Members of the pkg-sysvinit project
License: GPL-2+

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 This program is free software; you can redistribute it and/or modify
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 the Free Software Foundation; either version 2, or (at your option)
 any later version.
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 This program is distributed in the hope that it will be useful,
 but WITHOUT ANY WARRANTY; without even the implied warranty of
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 GNU General Public License for more details.
 .
 You should have received a copy of the GNU General Public License along
 with this program; if not, write to the Free Software Foundation,
 Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA.
 .
 On Debian systems, the complete text of the GNU General Public License
 version 2 can be found in '/usr/share/common-licenses/GPL-2'.
```