



Linux Ubuntu 26.04 Manual Pages on command 'ckbcomp.1'

\$ man ckbcomp.1

CKBCOMP(1) Console-setup User's Manual CKBCOMP(1)

NAME

ckbcomp - compile a XKB keyboard description to a keymap suitable for loadkeys or kbdcontrol

SYNOPSIS

ckbcomp [OPTION...] [XKBLAYOUT [XKBVARIANT [XKBOPTIONS]...]]

DESCRIPTION

The ckbcomp keymap compiler converts a description of an XKB keyboard layout into a console keymap that can be read directly by loadkeys(1) or kbdcontrol(1).

On its standard output ckbcomp dumps the generated keyboard definition. The most important difference between the arguments of setxkbmap(1) and the arguments of ckbcomp is the additional parameter -charmap when non-Unicode keyboard map is wanted. Without -charmap ckbcomp will generate Unicode keyboard.

OPTIONS

General options

-?, -help

Print a usage message and exit.

-charmap charmap

The encoding to use for the output keymap. There should be an character mapping table defining this encoding in /usr/share/consoletrans. Definitions of the following charmaps are provided: ARMSII-8, CP1251, CP1255, CP1256, GEORGIAN-ACADEMY, GEORGIAN-PS, IBM1133, ISIRI-3342, ISO-8859-1, ISO-8859-2, ISO-8859-3, ISO-8859-4, ISO-8859-5, ISO-8859-6, ISO-8859-7, ISO-8859-8, ISO-8859-9, ISO-8859-10, ISO-8859-11, ISO-8859-13, ISO-8859-14, ISO-8859-15, ISO-8859-16, KOI8-R, KOI8-U, TIS-620 and

VISCII.

-ldir Look in the top-level directory dir for files included by the keymap description.

This option may be used multiple times. If a file can not be found in any of the specified directories, it will be searched also in some other standard locations, such as /etc/console-setup/ckb, /usr/share/X11/xkb and /etc/X11/xkb

-v level

Set level of detail for listing. The argument level must be a number from 1 to 10.

-compact

Generate a compact keymap with at most two xkb groups and two levels in each or only one xkb-group and up to four levels.

-freebsd

Generate a keymap for FreeBSD.

-backspace [bs|del]

Specifies the behaviour of the <BackSpace> and <Delete> keys. Value bs specifies VT100-conformant behaviour: <BackSpace> will generate ^H (ASCII BS) and <Delete> will generate ^? (ASCII DEL). Value del specifies VT220-conformant behavior: <BackSpace> will generate ^? (ASCII DEL) and <Delete> will generate a special function sequence.

XKB Keyboard Description

The keyboard layout, variant and options components can be also specified directly on the command line. See the synopsis of the command.

-symbols name

Specifies the symbols component name of the XKB keyboard description.

-keycodes name

Specifies the keycodes component name of the XKB keyboard description.

-rules name

The name of the rules file to use.

-model name

Specifies the keyboard model used to choose the component names.

-layout name

Specifies the layout used to choose the component names.

-variant name

Specifies the layout variant used to choose the component names.

-option name

Adds an option used to choose component names.

FILES

/usr/share/consoletrans

/etc/console-setup/ckb

/usr/share/X11/xkb

/etc/X11/xkb

NOTES

If the option `-freebsd` is used together with `-backspace del`, then the key `<Delete>` will generate the special code `fkey70`. It is your responsibility to assign the appropriate sequence to this special code by using the following command:

```
kbdcontrol -f 70 ""`printf '\033[3~'`"
```

SEE ALSO

keyboard(5), setxkbmap(1)

console-setup

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