



Full credit is given to the above companies including the Operating System (OS) that this PDF file was generated!

Rocky Enterprise Linux 9.2 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 `kbdcon`?

trol

SYNOPSIS

`ckbcomp [OPTION...] [XKB_LAYOUT [XKB_VARIANT [XKB_OPTIONS]...]]`

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 fol?

following charmaps are provided: ARMSCII-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 VISCI.

-Idir 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

2011-03-17

CKBCOMP(1)