

NAME

ir-keytable - a swiss-knife tool to handle Remote Controllers.

SYNOPSIS

ir-keytable [*OPTION*]... *--device* [*/dev/input/event* device*]
ir-keytable [*OPTION*]... *--sysdev* [*ir class (f. ex. rc0)*]
ir-keytable [*OPTION*]... [*for using the rc0 sysdev*]

DESCRIPTION

ir-keytable is a tool that lists the Remote Controller devices, allows one to get/set IR key-code/scancode tables, test events generated by IR, and to adjust other Remote Controller options.

Note: You need to have read permissions on */dev/input* for most of the options to work.

OPTIONS

- a, --auto-load=CFGFILE**
Auto-load a table, based on a configuration file. Only works with sysdev.
- c, --clear**
clears the old table
- d, --device=DEV**
ir device to control
- D, --delay=DELAY**
Sets the delay before repeating a keystroke
- k, --set-key=SCANKEY**
Change scan/key pairs
- p, --protocol=PROTOCOL**
Protocol to enable (the other ones will be disabled). To enable more than one, use the option more than one time
- P, --period=PERIOD**
Sets the period to repeat a keystroke
- r, --read**
reads the current scancode/keycode table
- s, --sysdev=SYSDEV**
ir class device to control
- t, --test**
test if IR is generating events
- v, --verbose**
enables debug messages
- w, --write=TABLE**
write (adds) the scancodes to the device scancode/keycode table from the specified *TABLE* file
- ?, --help**
Prints the help message
- usage**
Give a short usage message
- V, --version**
print the v4l2-utils version

Mandatory or optional arguments to long options are also mandatory or optional for any corresponding short options. Options can be combined together.

The options arguments are:

DEV the /dev/input/event* device to control

SYSDEV
the ir class as found at /sys/class/rc

TABLE
a file with a set of scancode=keycode value pairs

SCANKEY
a set of scancode1=keycode1,scancode2=keycode2.. value pairs

PROTOCOL
protocol name to be enabled (case insensitive). Supported protocols are: NEC, RC-5, RC-6, JVC, SONY, SANYO, LIRC, RC-5-SZ, SHARP, MCE-KBD, XMP, other, all.

DELAY
Delay before repeating a keystroke

PERIOD
Period to repeat a keystroke

CFGFILE
configuration file that associates a driver/table name with a keymap file

EXIT STATUS

On success, it returns 0. Otherwise, it will return the error code.

EXAMPLES

To list all connected Remote Controller devices:

ir-keytable

To clean the keycode table and use a newer one:

ir-keytable -c -w /etc/rc_keymaps/nec_terratec_cinergy_xs

To append more codes to the existing table:

ir-keytable -w /etc/rc_keymaps/nec_terratec_cinergy_xs

To read the current keytable, on the second remote controller: **ir-keytable -s rc1 -r**

BUGS

Report bugs to **Linux Media Mailing List** <linux-media@vger.kernel.org>

COPYRIGHT

Copyright (c) 2010-2014 by Mauro Carvalho Chehab.

License GPLv2: GNU GPL version 2 <<http://gnu.org/licenses/gpl.html>>.

This is free software: you are free to change and redistribute it. There is NO WARRANTY, to the extent permitted by law.