

Media Remote for Kodi - Task #305

Try out the new IR receiver component with the ftdi chip

2022-10-01 20:33 - Fredrick Amnehagen

Status:	Closed	Start date:	2022-10-01
Priority:	Normal	Due date:	
Assignee:	Fredrick Amnehagen	% Done:	0%
Category:		Estimated time:	0:00 hour
Target version:	2022	Spent time:	0:00 hour
Description			

History

#1 - 2022-10-01 20:33 - Fredrick Amnehagen

```
[179852.073549] usb 2-1: USB disconnect, device number 15
[179852.073866] ftdi_sio ttyUSB0: FTDI USB Serial Device converter now disconnected from ttyUSB0
[179852.073887] ftdi_sio 2-1:1.0: device disconnected
[179854.401776] usb 2-1: new full-speed USB device number 16 using xhci_hcd
[179854.559262] usb 2-1: New USB device found, idVendor=0403, idProduct=6001, bcdDevice= 6.00
[179854.559267] usb 2-1: New USB device strings: Mfr=1, Product=2, SerialNumber=3
[179854.559270] usb 2-1: Product: FT232R USB UART
[179854.559272] usb 2-1: Manufacturer: FTDI
[179854.559273] usb 2-1: SerialNumber: A400fsTS
[179854.562827] ftdi_sio 2-1:1.0: FTDI USB Serial Device converter detected
[179854.562859] usb 2-1: Detected FT232RL
[179854.563221] usb 2-1: FTDI USB Serial Device converter now attached to ttyUSB0
```

#2 - 2022-10-01 21:13 - Fredrick Amnehagen

LIRC

```
lircd -Hftdi -dserial=A400fsTS,input=7
```

kill existing lircd process if necessary

```
mode2 -Hftdi -dserial=A400fsTS
```

Idle gives some noise, pushing buttons gives an explosion of lines

close with ctrl + c

```
sudo emacs -nw /etc/lirc/hardware.conf
```

```
REMOTE=FTDI FT232-based IR Receiver
REMOTE_MODULES=
REMOTE_DRIVER=ftdi
REMOTE_DEVICE=
REMOTE_SOCKET=/var/run/lirc/lircd
REMOTE_LIRCD_CONF=/etc/lirc/lircd.conf.d/el_cheapo_kodi_remote.lircd.conf
REMOTE_LIRCD_ARGS=-d serial=A400fsTS,baud=2400 /etc/lirc/lircd.conf.d/el_cheapo_kodi_remote.lircd.conf
```

```
sudo emacs -nw /etc/lirc/lirc_options.conf
```

```
...  
#driver      = devinput  
driver       = ftdi  
#device      = auto  
device       = serial=A400fsTS  
...
```

Generate a new config

```
mode2 -m > testing-testing.lircd.conf
```

```
irrecord ITRemote${date +%Y%m%dT%H%M%S%Z}
```

Stumped, cannot decode the remote...

IR-KEYMAP

I won't bother...

#3 - 2022-10-01 21:14 - Fredrick Amnehagen

Cannot find any toggle mask.
But I know for sure that RC6 has a toggle bit!

or

cannot decode the button presses

or sometimes, too much noise to begin with

#4 - 2022-10-01 21:16 - Fredrick Amnehagen

- Status changed from To do to Closed