

Tvheadend - Feature #5146

Digital Devices Cine S2 V7A mit DVB-T/2/C und Ci-Modul - Unvollständige Erkennung der /dev/dvb/adapter im Webinterface

2018-07-02 19:17 - Geribert Jakob

Status:	New	Start date:	2018-07-02
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Configuration	Estimated time:	0.00 hour
Target version:			
Description			
Hi,			
ich verwende eine Standardworkstation auf i7-4xxxk-Basis mit Intel-Grafik, 64 gb RAM und jede Menge SSD-Speicher als Dual-Boot mit WinX und Ubuntu 18.04 TLS sowie:			
<ul style="list-style-type: none">• Cine S2 V7A - auf /dev/dvb/adapter0 und 1• DuoFlex C2/T2/ISDB-T - auf /dev/dvb/adapter2 und 3• DuoFlex CI - auf /dev/dvb/adapter4 und 5			
Win X funktioniert absolut ohne Probleme und vollständig zusammen mit DVBCPro.			
Ubuntu 18.04 TLS erkennt unter tvheadend der Backend jeweils nur die beiden höchsten Adapter, also wenn alles angeschlossen ist nur die CI-Komponenten (adapter 4 und 5), wenn die CI abgeklemmt sind nur die DVB-T2/C-Komponenten (adapter 2 und 3), und wenn das DuoFlex C2/T2/ISDB-T abgeklemmt ist die DVB-S2-Komponenten (adapter 0 und 1). Dann (im letzten Fall) allerdings ist jeder scan (weitergehende Menüs) ein FAIL.			
Gibt es was grundsätzliches, was ich da falsch mache?			
Gj			

History

#1 - 2018-07-04 11:49 - saen acro

Да знаеш че не ти разбирам нищо, а и тук се пише на Английски език.

Write on English

#2 - 2018-07-06 08:28 - jody gugelhop

saen acro wrote:

Да знаеш че не ти разбирам нищо, а и тук се пише на Английски език.

Write on English

I second that but using google translate i gather some dvb trouble, have you properly installed newest firmware and drivers for all cards? especially cine s2v7a will need it

#3 - 2018-07-06 13:59 - Geribert Jakob

I use a dual boot system /w Win X(64) and Ubuntu 18.04 - so I can compare the system behaviour of the DVB-environment on the same hardware. My DVB-Environment consists of:

- Cine S2 V7A - auf /dev/dvb/adapter0 und 1
- DuoFlex C2/T2/ISDB-T - auf /dev/dvb/adapter2 und 3
- DuoFlex CI - auf /dev/dvb/adapter4 und 5

Under WinX I use DVBCPro - here all components including CI and smartcards are working properly for receiving, watching, recording/programming timer for channels on DVB-S2, DVB-T2 and DVB-C.

Under Ubuntu the hardwar is properly installed /w latest drivers. See:

lspci -v

02:00.0 Multimedia controller: Digital Devices GmbH Cine V7
Subsystem: Digital Devices GmbH Cine V7
Flags: bus master, fast devsel, latency 0, IRQ 17
Memory at dfa00000 (64-bit, non-prefetchable) [size=64K]
Capabilities: <access denied>
Kernel driver in use: ddbridge
Kernel modules: ddbridge

and

dmesg | grep DVB

```
[ 12.135435] ddbridge 0000:02:00.0: detected Digital Devices Cine S2 V7 Advanced DVB adapter
[ 12.247160] ddbridge 0000:02:00.0: Port 0: Link 0, Link Port 0 (TAB 1): DUAL DVB-S2
[ 12.307116] Bluetooth: hci0: GJDVB
[ 12.362525] ddbridge 0000:02:00.0: Port 1: Link 0, Link Port 1 (TAB 2): DUAL DVB-C/C2/T/T2,ISDB-T
[ 12.475785] dvbdev: DVB: registering new adapter (DDBridge)
[ 12.475785] dvbdev: DVB: registering new adapter (DDBridge)
[ 12.475786] dvbdev: DVB: registering new adapter (DDBridge)
[ 12.475786] dvbdev: DVB: registering new adapter (DDBridge)
[ 12.475786] dvbdev: DVB: registering new adapter (DDBridge)
[ 12.475787] dvbdev: DVB: registering new adapter (DDBridge)
[ 12.530301] ddbridge 0000:02:00.0: DVB: registering adapter 0 frontend 0 (ST STV0910)...
[ 12.558058] ddbridge 0000:02:00.0: DVB: registering adapter 1 frontend 0 (ST STV0910)...
[ 12.562944] i2c i2c-9: cxd2841er_attach(): attaching CXD2854ER DVB-C/C2/T/T2/ISDB-T frontend
[ 12.566201] ddbridge 0000:02:00.0: DVB: registering adapter 2 frontend 0 (Sony CXD2854ER DVB-T/T2/C and ISDB-T demodulator)...
[ 12.567240] i2c i2c-9: cxd2841er_attach(): attaching CXD2854ER DVB-C/C2/T/T2/ISDB-T frontend
[ 12.569804] ddbridge 0000:02:00.0: DVB: registering adapter 3 frontend 0 (Sony CXD2854ER DVB-T/T2/C and ISDB-T demodulator)...
[ 18.279146] dvb_ca_en50221: dvb_ca adapter 4: DVB CAM detected and initialised successfully
```

TVheadend is also installed /w latest release working /w Ubuntu 18.04

Now the Problem:

If I configure the DigitalDevices /w all components tvheadend shows under configure>DVB only the two highest adapters (in this case 4 and 5 /w the CI-Hardware/Cannels).

If I remove the CI-component tvheadend still shows under configure>DVB only the two highest adapters (in this case 2 and 3 /w the DVB-T2/C hardware).

If I also remove the DVB-T2/C hardware tvheadend still shows under configure>DVB only the two highest adapters (in this case 0 and 1 /w the DVB-S2 hardware).

At least, I thought, I can make use of the DVB-S2 components. But it isn't so.

I can insert networks and muxes (configuration>DVB Inputs>Networks/Muxes and connect it to the TV Adapters /dev/Dvb/adapter0 and 1, but it is not working since the channel scan fails.

The other problem is, that in this situation I can't make use of adapter2 and 3 (DVB-T2/C) and the CIs on adapter4 and 5 to descramble pay tv.

Is there some thing like an updated configuration manual, that describes fully used DD-Komponents their config in tvheadend under Ubuntu 18.04? Did I do a mistake that can be seen in my problem description above?

Best
Gj