

## Tvheadend - Feature #3986

### Add Unicable II (EN50607) "JESS" support

2016-09-20 15:38 - Daniel Mayer

<b>Status:</b>	Fixed	<b>Start date:</b>	2016-09-20
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	DVB	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	4.2		
<b>Description</b>			
Hi, as of version 4.1-2236~g817f67e, tvh only accepts SCR channels 0-7. Meanwhile there are several JESS/EN50607-compatible LNBS or multiswitches on the market, which offer up to 32 SCR-channels, e.g. the DUR-line UK 124 LNB. I can enter the "SCR channel 13" at frequency 1565MHz, but there's no lock.  I use a brand-new v1.2 "Digital Devices Max S8", which supports JESS and works on "normal" SCR-channels 0-7 perfectly.  Or am I missing something?			

#### History

##### #1 - 2016-09-20 17:51 - Jaroslav Kysela

Could you try v4.1-2239-gcf4880d ? It's untested. If you have trouble provide log for '--trace linuxdvb,diseqc'.

##### #2 - 2016-09-21 12:29 - Anonymous

Hi,

I have a DUR-line UK 124 LNB (JESS/EN50607 compatible) and a Digital Devices Max S8. Would test this at weekend and give you feedback.

##### #3 - 2016-09-22 17:22 - Daniel Mayer

- File *scr0\_7.png* added

- File *scr18and1\_7.png* added

Attached pictures:

scr0\_7: just the 8 scr channels of EN50494

scr18and1\_7: dvb-device 0 is set to scr-channel "19" at 1815Mhz of the LNB, the rest is channel 2-8 of EN50494.

##### #4 - 2016-09-22 17:23 - Daniel Mayer

edit: I updated today to git 4.1-2241~g6d6449d

##### #5 - 2016-09-22 17:41 - Jaroslav Kysela

Try v4.1-2242-g3f79dff . I forgot to add another frequency calculator for Unicable II. Also, provide logs as requested in comment 1 if something does not work for ONE tune request..

##### #6 - 2016-09-22 18:03 - Daniel Mayer

update: ups. some serious working at the moment? git pull now gives 2244, but crashes on startup. I only realized after my last post, that the dvb-adapter now opts to "Unicable II", which I didn't see on the channel setup early enough.

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Sep 22 17:59:34 server tvheadend<sup>15656</sup>: \* Starting Tvheadend tvheadend

Sep 22 17:59:34 server tvheadend<sup>15656</sup>: ...done.

Sep 22 17:59:34 server kernel: [ 1197.281757] ddbridge 0000:0b:00.0: DVB: adapter 7 frontend 0 frequency 0 out of range (950000..2150000)

Sep 22 17:59:34 server kernel: [ 1197.282269] ddbridge 0000:0b:00.0: DVB: adapter 6 frontend 0 frequency 0 out of range (950000..2150000)

Sep 22 17:59:34 server kernel: [ 1197.282996] ddbridge 0000:0b:00.0: DVB: adapter 5 frontend 0 frequency 0 out of range (950000..2150000)

Sep 22 17:59:34 server kernel: [ 1197.283541] ddbridge 0000:0b:00.0: DVB: adapter 4 frontend 0 frequency 0 out of range (950000..2150000)

Sep 22 17:59:34 server kernel: [ 1197.284061] ddbridge 0000:0b:00.0: DVB: adapter 3 frontend 0 frequency 0 out of range (950000..2150000)

Sep 22 17:59:34 server kernel: [ 1197.284569] ddbridge 0000:0b:00.0: DVB: adapter 2 frontend 0 frequency 0 out of range (950000..2150000)

Sep 22 17:59:34 server kernel: [ 1197.285054] ddbridge 0000:0b:00.0: DVB: adapter 1 frontend 0 frequency 0 out of range (950000..2150000)

Sep 22 17:59:34 server kernel: [ 1197.285638] ddbridge 0000:0b:00.0: DVB: adapter 0 frontend 0 frequency 0 out of range (950000..2150000)

Sep 22 17:59:35 server tvheadend<sup>15674</sup>: main: Log started

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Sep 22 17:59:35 server systemd1: Started tvheadend.service.
Sep 22 17:59:35 server tvheadend15674: http: Starting HTTP server 0.0.0.0:9981
Sep 22 17:59:35 server tvheadend15674: htsp: Starting HTSP server 0.0.0.0:9982
Sep 22 17:59:35 server tvheadend15674: satips: use --satip_bindaddr parameter to select the local IP for SAT>IP
Sep 22 17:59:35 server tvheadend15674: satips: using Google lookup (might block the task until timeout)
Sep 22 17:59:35 server tvheadend15674: satips: Starting SAT>IP RTSP server 192.168.1.230:554
Sep 22 17:59:35 server tvheadend15674: satips: SAT>IP Server initialized
Sep 22 17:59:35 server tvheadend15674: satips: HTTP 192.168.1.230:9981, RTSP 192.168.1.230:554
Sep 22 17:59:35 server tvheadend15674: satips: descramble 8, muxcnf 0
Sep 22 17:59:35 server tvheadend15674: satips: tuner[fe=1]: DVB-S2 #4
Sep 22 17:59:35 server tvheadend15674: satips: tuner[fe=2]: DVB-S2 #4
Sep 22 17:59:35 server tvheadend15674: satips: tuner[fe=3]: DVB-S2 #4
Sep 22 17:59:35 server tvheadend15674: satips: tuner[fe=4]: DVB-S2 #4
Sep 22 17:59:35 server tvheadend15674: config: loaded
Sep 22 17:59:35 server tvheadend15674: config: scanfile (re)initialization with path <none>
Sep 22 17:59:35 server tvheadend15674: linuxdvb: adapter added /dev/dvb/adapter7
Sep 22 17:59:35 server tvheadend15674: linuxdvb: adapter added /dev/dvb/adapter6
Sep 22 17:59:35 server tvheadend15674: linuxdvb: adapter added /dev/dvb/adapter5
Sep 22 17:59:35 server tvheadend15674: linuxdvb: adapter added /dev/dvb/adapter4
Sep 22 17:59:35 server tvheadend15674: linuxdvb: adapter added /dev/dvb/adapter3
Sep 22 17:59:35 server tvheadend15674: linuxdvb: adapter added /dev/dvb/adapter2
Sep 22 17:59:35 server tvheadend15674: linuxdvb: adapter added /dev/dvb/adapter1
Sep 22 17:59:35 server tvheadend15674: linuxdvb: adapter added /dev/dvb/adapter0
Sep 22 17:59:35 server tvheadend15674: dvr: Creating new configuration "
Sep 22 17:59:35 server tvheadend15674: epgrab: module eit created
Sep 22 17:59:35 server tvheadend15674: epgrab: module uk_freesat created
Sep 22 17:59:35 server tvheadend15674: epgrab: module uk_freeview created
Sep 22 17:59:35 server tvheadend15674: epgrab: module viasat_baltic created
Sep 22 17:59:35 server tvheadend15674: epgrab: module Bultsatcom_39E created
Sep 22 17:59:35 server tvheadend15674: epgrab: module psip created
Sep 22 17:59:35 server tvheadend15674: epgrab: module opentv-skyuk created
Sep 22 17:59:35 server tvheadend15674: epgrab: module opentv-ausat created
Sep 22 17:59:35 server tvheadend15674: epgrab: module opentv-skyznz created
Sep 22 17:59:35 server tvheadend15674: epgrab: module opentv-skyit created
Sep 22 17:59:35 server tvheadend15674: epgrab: module pyepg created
Sep 22 17:59:35 server tvheadend15674: epgrab: module xmltv created
Sep 22 17:59:35 server tvheadend15674: spawn: Executing "/usr/bin/tv_find_grabbers"
Sep 22 17:59:35 server tvheadend15674: scanfile: DVB-S - loaded 1 regions with 112 networks
Sep 22 17:59:35 server tvheadend15674: scanfile: DVB-T - loaded 43 regions with 1106 networks
Sep 22 17:59:35 server tvheadend15674: scanfile: DVB-C - loaded 17 regions with 56 networks
Sep 22 17:59:35 server tvheadend15674: scanfile: ATSC-T - loaded 2 regions with 9 networks
Sep 22 17:59:35 server tvheadend15674: scanfile: ATSC-C - loaded 1 regions with 5 networks
Sep 22 17:59:35 server tvheadend15674: scanfile: ISDB-T - loaded 2 regions with 1297 networks
Sep 22 17:59:36 server tvheadend15674: epgrab: module /usr/bin/tv_grab_hr created
Sep 22 17:59:36 server tvheadend15674: epgrab: module /usr/bin/tv_grab_ch_search created
Sep 22 17:59:36 server tvheadend15674: epgrab: module /usr/bin/tv_grab_pt created
Sep 22 17:59:36 server tvheadend15674: epgrab: module /usr/bin/tv_grab_uk_tvguide created
Sep 22 17:59:36 server tvheadend15674: epgrab: module /usr/bin/tv_grab_il created
Sep 22 17:59:36 server tvheadend15674: epgrab: module /usr/bin/tv_grab_na_dd created
Sep 22 17:59:36 server tvheadend15674: epgrab: module /usr/bin/tv_grab_fr created
Sep 22 17:59:36 server tvheadend15674: epgrab: module /usr/bin/tv_grab_uk_rt created
Sep 22 17:59:36 server tvheadend15674: epgrab: module /usr/bin/tv_grab_eu_egon created
Sep 22 17:59:36 server tvheadend15674: epgrab: module /usr/bin/tv_grab_huro created
Sep 22 17:59:36 server tvheadend15674: epgrab: module /usr/bin/tv_grab_combiner created
Sep 22 17:59:36 server tvheadend15674: epgrab: module /usr/bin/tv_grab_se_tvzon created
Sep 22 17:59:36 server tvheadend15674: epgrab: module /usr/bin/tv_grab_nl created
Sep 22 17:59:36 server tvheadend15674: epgrab: module /usr/bin/tv_grab_is created
Sep 22 17:59:36 server tvheadend15674: epgrab: module /usr/bin/tv_grab_fi_sv created
Sep 22 17:59:36 server tvheadend15674: epgrab: module /usr/bin/tv_grab_dtv_la created
Sep 22 17:59:36 server tvheadend15674: epgrab: module /usr/bin/tv_grab_it created
Sep 22 17:59:36 server tvheadend15674: epgrab: module /usr/bin/tv_grab_tr created
Sep 22 17:59:36 server tvheadend15674: epgrab: module /usr/bin/tv_grab_es_laguiatv created
Sep 22 17:59:36 server tvheadend15674: epgrab: module /usr/bin/tv_grab_fi created
Sep 22 17:59:36 server tvheadend15674: epgrab: module /usr/bin/tv_grab_uk_atlas created
Sep 22 17:59:36 server tvheadend15674: epgrab: module /usr/bin/tv_grab_uk_bleb created
Sep 22 17:59:36 server tvheadend15674: epgrab: module /usr/bin/tv_grab_dk_dr created
Sep 22 17:59:36 server tvheadend15674: epgrab: module /usr/bin/tv_grab_na_tvmedia created
Sep 22 17:59:36 server tvheadend15674: epgrab: module /usr/bin/tv_grab_ar created
Sep 22 17:59:36 server tvheadend15674: epgrab: module /usr/bin/tv_grab_pt_meo created
Sep 22 17:59:36 server tvheadend15674: epgrab: module /usr/bin/tv_grab_no_gfeed created
Sep 22 17:59:36 server tvheadend15674: epgrab: module /usr/bin/tv_grab_eu_epgdata created
Sep 22 17:59:36 server tvheadend15674: epgrab: module /usr/bin/tv_grab_na_dtv created
Sep 22 17:59:36 server tvheadend15674: epgrab: module /usr/bin/tv_grab_se_swedb created
Sep 22 17:59:36 server tvheadend15674: epgrab: module /usr/bin/tv_grab_fr_kazer created
Sep 22 17:59:36 server tvheadend15674: epgrab: module /usr/bin/tv_grab_eu_dotmedia created

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