

Tvheadend - Bug #219

No support for france HD TV channels

2010-06-04 00:05 - Eric Valette

Status:	Fixed	Start date:	
Priority:	High	Due date:	
Assignee:	Andreas Smas	% Done:	0%
Category:	General	Estimated time:	0.00 hour
Target version:	2.12	Affected Versions:	
Found in version:			
Description			
In France, most DVB-T HD TV channels use EAC3 for audio and are not detected during DVB-T adapter setup.			

History

#1 - 2010-06-06 09:53 - Andreas Smas

I need output from Tvheadend's muxdump feature to track this down.

#2 - 2010-08-12 14:52 - A600 -

Here is Spain also DVB-T HD channels use EAC3 so with XBMC I get no sound. Attached is a Tvheadend's muxdump.

#3 - 2010-08-12 22:27 - dav59 -

in France, we have High Definition channels, when i try to read these stream, sound doesn't work, there is no sound channel.

ex : TF1 HD

PID [TypeDetails?](#)

120H26425.00 Hz

140DVBSUBfra (0001 0001)

141DVBSUBfra (0002 0002)

ex working channel : TF1

PID [TypeDetails?](#)

151DVBSUBeng (0000 0000)

150DVBSUBfra (0001 0000)

140TELETEXT

9080TEXTSUB

133MPEG2AUDIOdeu

131MPEG2AUDIOeng

130MPEG2AUDIOfra

120MPEG2VIDEO25.00 Hz

on other french forum, they modify channel.conf, here is PID who resume included stream per channel :

TF1HD: : 110+120:110+130+131:1281

110 => PMT

120 => video stream

130 => VF audio stream

131 => VO audio stream

here is the stream for the other HD channels :

TF1HD: : 110+120:110+130+131:1281

FR2HD: : 210+220:210+230+231:1282

M6HD: : 310+320:310+330+331:1283

ARTEHD: ... : 710+720:710+730+731:1031

this problem appear for every HD channel except ARTEHD

742DVBSUBfra (0002 0001)

741DVBSUBger (0001 0001)

740DVBSUBfra (0003 0001)

731MPEG2AUDIOdeu

730MPEG2AUDIOfra
720H26425.00 Hz

#4 - 2010-09-06 22:16 - Andreas Smas

This is not critical. Critical is for bugs that causes the app to crash.

#5 - 2010-10-31 02:06 - dav59 -

in dvb_support.h, there is the beginning of the description :

```
#define DVB_DESC_AC3 0x6a
```

for E-AC3, it's 0x7a

as described in ffmpeg forum dev : <http://lists.mplayerhq.hu/pipermail/ffmpeg-devel/2008-September/052741.html>

I'm wondering how I can make these changes, I have some skill in dev but it seems to be difficult to implement.

Is tvheadend just forward the stream, or make some modifications ... (I've seen some files parser.c)

#6 - 2010-10-31 02:13 - dav59 -

maybe by following this implementation :

<http://trac.lonelycoder.com/hts/changeset/3077>

#7 - 2010-10-31 12:49 - Andreas Smas

- Found in version set to fixed

Fixed in r5552

Note that this is announced over HTSP as a new audio stream type (EAC3) so XBMC must be modified to handle this.

#8 - 2010-10-31 13:27 - dav59 -

how great ! thank you so much !