

Tvheadend - Bug #5060

Cannot build latest git d941885

2018-04-04 21:59 - virtual dj

| | | | |
|--|---------|---------------------------|------------|
| Status: | New | Start date: | 2018-04-04 |
| Priority: | Normal | Due date: | |
| Assignee: | | % Done: | 0% |
| Category: | non-x86 | Estimated time: | 0.00 hour |
| Target version: | | Affected Versions: | |
| Found in version: | d941885 | | |
| Description | | | |
| Cannot build the latest git on my (old) armel compiler: | | | |
| <pre>CC src/version.o CC src/uuid.o CC src/main.o In file included from src/service.h:23, from src/subscriptions.h:22, from src/main.c:48: src/streaming.h:47: error: redefinition of typedef 'streaming_start_t' src/esstream.h:30: note: previous declaration of 'streaming_start_t' was here In file included from src/subscriptions.h:22, from src/main.c:48: src/service.h:389: error: redefinition of typedef 'service_t' src/esstream.h:29: note: previous declaration of 'service_t' was here make: *** [/root/tvheadend/tvheadend/build.linux/src/main.o] Error 1</pre> | | | |

History

#1 - 2018-04-07 20:22 - virtual dj

Same errors also on the latest **c597a56**.

#2 - 2018-04-14 17:10 - virtual dj

I've updated my git sources to **518d57b** but still I'm unable to build them with the armel compiler.

The error is the same of the original description above; I've tried to edit **esstream.h** line 30 and **streaming.h** line 47 with something like this (both files):

```
#ifndef __STREAMING_START_T
#define __STREAMING_START_T
typedef struct streaming_start streaming_start_t;
#endif
```

but then it fails with this error:

```
CC          src/version.o
CC          src/main.o
In file included from src/subscriptions.h:22,
               from src/main.c:48:
src/service.h:389: error: redefinition of typedef 'service_t'
src/esstream.h:29: note: previous declaration of 'service_t' was here
make: *** [/root/tvheadend/tvheadend/build.linux/src/main.o] Error 1
```


As the **service.h** definition of **service_t** seems more articulated, I opened **esstream.h** line 29 and commented out the offending line:

```
//typedef struct service service_t;
```


but again the errors move elsewhere:

```
CC          src/main.o
```

```
In file included from src/service.h:22,
                 from src/subscriptions.h:22,
                 from src/main.c:48:
src/esstream.h:156: error: expected specifier-qualifier-list before 'service_t'
src/esstream.h:167: error: expected declaration specifiers or '...' before 'service_t'
src/esstream.h:168: error: expected declaration specifiers or '...' before 'service_t'
src/esstream.h: In function 'elementary_stream_find':
src/esstream.h:182: error: 'elementary_set_t' has no member named 'set_last_pid'
src/esstream.h:185: error: 'elementary_set_t' has no member named 'set_last_es'
make: *** [/root/tvheadend/tvheadend/build.linux/src/main.o] Error 1
```

Sorry, I would like to help you by fix it myself, but my C knowledge is not enough to do so. Jaroslav, can you help? 

#3 - 2018-05-12 10:05 - virtual dj

With 595fd17 the redefinition errors are still there, unfortunately. 

```
CC      src/uuid.o
CC      src/main.o
In file included from src/service.h:23,
                 from src/subscriptions.h:22,
                 from src/main.c:48:
src/streaming.h:47: error: redefinition of typedef 'streaming_start_t'
src/esstream.h:30: note: previous declaration of 'streaming_start_t' was here
In file included from src/subscriptions.h:22,
                 from src/main.c:48:
src/service.h:389: error: redefinition of typedef 'service_t'
src/esstream.h:29: note: previous declaration of 'service_t' was here
make: *** [/root/tvheadend/tvheadend/build.linux/src/main.o] Error 1
```

I did not write the configuration switches before, here they are:

```
./configure --disable-avahi --disable-libav --disable-ffmpeg_static --disable-libx264 --disable-libx265 --disa
ble-dbus_1 --disable-hdhomeclient --disable-hdhomeclient_static --disable-libx264_static --disable-libx265_st
atic --disable-libvpx --disable-libvpx_static --disable-libtheora --disable-libtheora_static --disable-libvorb
is --disable-libvorbis_static --disable-libfdkaac --disable-libfdkaac_static --disable-libmfx_static --disable
-tvheadend
```