

Tvheadend - Bug #1911

Error "input/mpegps.h: No such file or directory" when building with v4l support

2014-01-04 17:17 - Marc van Gend

Status:	Accepted	Start date:	2014-01-04
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	V4L (Analogue video)	Estimated time:	0.00 hour
Target version:		Affected Versions:	
Found in version:	3.9		

Description

Hi, I'm trying to install tvheadend on Arch linux with support for analog TV cards. If I'm not mistaken (I'm by no means an expert in this field), I need to enable v4l support when building tvheadend.

I am using the tvheadend-git package from the AUR: <https://aur.archlinux.org/packages/tvheadend-git/>. To get v4l support, I added the --enable-v4l option to the configure command in the buildscript:
./configure --prefix=/usr --mandir=/usr/share/man/man1 --python=python2 --release --enable-v4l
Unfortunately this fails with the error message "fatal error: input/mpegps.h: No such file or directory". I couldn't find this mpegps.h file anywhere so it looks like a bug to me.

Full output of the arch linux build process (packer -S tvheadend-git):

```
Aur Targets      (1): tvheadend-git

Proceed with installation? [Y/n]

Edit tvheadend-git PKGBUILD with $EDITOR? [Y/n]

Edit tvheadend.install with $EDITOR? [Y/n]

==> Making package: tvheadend-git 20140102.v3.9_316_g238636f-1 (Sat Jan  4 17:06:16 CET 2014)
==> Checking runtime dependencies...
==> Checking buildtime dependencies...
==> Retrieving sources...
-> Updating tvheadend git repo...
Fetching origin
-> Found tvheadend.conf.d
-> Found tvheadend.rc.d
-> Found tvheadend.service
==> Validating source files with md5sums...
tvheadend ... Skipped
tvheadend.conf.d ... Passed
tvheadend.rc.d ... Passed
tvheadend.service ... Passed
==> Extracting sources...
-> Creating working copy of tvheadend git repo...
Cloning into 'tvheadend'...
done.
==> Starting pkgver()...
==> Removing existing pkg/ directory...
==> Starting build()...
==> Creating build directory
Already on 'master'
Your branch is up-to-date with 'origin/master'.
==> Starting make...
Checking support/features
checking for cc execinfo.h ...      ok
checking for cc -mmmx ...           ok
checking for cc -msse2 ...          ok
checking for cc getloadavg ...      ok
checking for cc atomic64 ...        ok
checking for cc lockowner ...       ok
```

```

checking for py module gzip ... ok
checking for bzip2 ... ok
checking for pkg openssl ... ok
checking for cc linux/dvb/version.h ... ok
checking for pkg zlib ... ok
checking for pkg libcurl ... ok
checking for pkg liburiparser ... fail
checking for pkg avahi-client ... ok
checking for pkg libavcodec <=55.0.0 ... fail
checking for cc sys/inotify.h ... ok
fetching dvb-scan files ... ok

```

Compiler:

```

Using C compiler: cc
Using C flags: -march=x86-64 -mtune=generic -O2 -pipe -fstack-protecto
r --param=ssp-buffer-size=4
Build for arch: x86_64

```

Binaries:

```
Using PYTHON: python2
```

Options:

```

cwc yes
v4l yes
linuxdvb yes
iptv yes
tsfile yes
dvbscan yes
timeshift yes
trace yes
imagecache yes
avahi yes
zlib yes
libav no
inotify yes
curl yes
epoll yes
uriparser no
ccache no
bundle no
dvbcsa no
kqueue no
execinfo yes
mmx yes
sse2 yes
getloadavg yes
atomic64 yes
lockowner yes
py_gzip yes
bin_bzip2 yes
ssl yes
dvbapi yes
inotify_h yes
mpegts yes
mpegps yes

```

Packages:

```

openssl 1.0.1e
zlib 1.2.8
libcurl 7.34.0
avahi-client 0.6.31

```

Installation paths:

```

Prefix: /usr
Binaries: ${prefix}/bin
Libraries: ${prefix}/lib
Data files: ${prefix}/share

```

```
Man pages: /usr/share/man/man1

Final Binary:
/tmp/packerbuild-1001/tvheadend-git/tvheadend-git/src/tvheadend-build/build.linux/tvheadend

Tvheadend Data Directory:
/usr/share/tvheadend

CC src/version.o
CC src/main.o
In file included from src/main.c:54:0:
src/input.h:108:26: fatal error: input/mpegps.h: No such file or directory
#include "input/mpegps.h"
      ^
compilation terminated.
Makefile:300: recipe for target '/tmp/packerbuild-1001/tvheadend-git/tvheadend-git/src/tvheadend-b
uild/build.linux/src/main.o' failed
make: *** [/tmp/packerbuild-1001/tvheadend-git/tvheadend-git/src/tvheadend-build/build.linux/src/m
ain.o] Error 1
==> ERROR: A failure occurred in build().
Aborting...
The build failed.

Thanks for your help.
```

History

#1 - 2014-01-04 19:12 - Adam Sutton

- Status changed from New to Accepted

V4l support is not currently available in master, please use release/3.4 or 3.6 branch.

Adam

#2 - 2014-01-04 20:44 - Marc van Gend

OK, thanks. Indeed the 3.4 package at <https://aur.archlinux.org/packages/tvheadend-3.4> works as expected.

#3 - 2014-12-03 18:16 - Joo Seppi

Hi,

as I am moving from ARM to x86_64 I was fiddling with configure options and stumbled upon this. Is this issue still supposed to be "broken" as in there shouldn't be mpegps.h in master currently?

BR,

-j