

Packages - Bug #2477

[conky]: not installable/upgradable - depends on blacklisted 'libxnvctrl'

2019-09-03 10:22 PM - bill-auger

Status:	fixed	% Done:	80%
Priority:	broken		
Assignee:	bill-auger		
Category:			
<div>Description</div> <div><pre>\$ sudo pacman -Syu .... resolving dependencies... warning: cannot resolve "libxnvctrl", a dependency of "conky" :: The following package cannot be upgraded due to unresolvable dependencies:     conky  \$ pacman -Si conky   grep Depends Depends On      : glib2  lua  wireless_tools  libxdamage  libxinerama  libxft  imlib2  libxml2  li bpulse  libxnvctrl</pre></div>			
<div>Related issues:</div> <div>Related to Packages - Freedom Issue #763: [libxnvctrl] only useful with nonfr...fixed2015-07-25</div>			

History

#1 - 2019-09-03 10:23 PM - bill-auger

- Related to Freedom Issue #763: [libxnvctrl] only useful with nonfree software added

#2 - 2019-09-03 10:24 PM - bill-auger

- Description updated

#3 - 2020-05-22 05:25 PM - freemor

- % Done changed from 0 to 80

- Status changed from confirmed to in progress

There is now a Conkey in [libre-testing] with Nvidia stuff removed. x86\_64 and i686 built fine and have been pushed. ARM failed in configure with missing curses libs. Need to track that down

People should definitely test and report back

#4 - 2022-04-21 03:59 AM - gap

We might also want to explicitly turn off BUILD\_NVIDIA even though it's already disabled by default, in case it gets enabled by default in a later version.

#5 - 2022-05-03 05:57 AM - bill-auger

this ticket went stale; so i revisited it

this package had multiple policy issues also - the PKGBUILD lists only 'BSD' and 'GPL'; but according to the 'COPYING' file, there are more licenses in effect - the project was originally forked from a BSD-licensed code-base; but the primary license is GPLv3, with some (third-party?) parts under LGPLv2.1 and ISC

the upstream source only includes a BSD3 and a GPLv3 license; so presumably that was the basis of the existing license=() array - the BSD license does not get installed though, as it should, per arch policy

the issues:

- 'GPL' should be 'GPL3'
- the license=() array does not include 'LGPL' and 'ISC'
- the package() function does not install the BSD or ISC licenses

in the upstream sources, the ISC license exists, but only as the header comment of the src/prss.{cc,h} files - i created the ISC license by running 'head' on the prss.h file in prepare()

that was what i could determine by reading the COPYING file - however, when i looked into the code-base, i found at least one other third-party project, not mentioned in the COPYING file ('catch2'), which is boost-licensed - i only looked at a few files; but presuming that there is no additional third-party code included, the license=() array should be:

```
license=('Boost' 'BSD' 'GPL3' 'ISC' 'LGPL')
```

besides that, the arch package is built from an arbitrary VCS commit, despite that the pkgname does not end with -git, and pkgver is the latest upstream release version, for which the upstream has published a versioned source-ball

**#6 - 2022-05-03 08:00 AM - bill-auger**

- Assignee set to bill-auger

**#7 - 2022-05-03 08:00 AM - bill-auger**

- Status changed from in progress to fixed

**#8 - 2022-05-03 03:23 PM - gap**

- MAINTAINER\_MODE is set to both ON and OFF in lines 52 and 65, respectively.
- Why is libxnvctrl left as a virtual dependency (lines 29, 30, 31, and 32) instead of being removed entirely?
- Odd indentation in the cmake -D options (lines 51-64, inclusive).

**#9 - 2022-05-03 09:54 PM - bill-auger**

that was intentional as a bug fix - i am re-doing this one -  
the latest arch PKGBUILD has a better fix