Audacious - OLD, PLEASE USE GITHUB DISCUSSIONS/ISSUES - Feature #1071

Linkage could be improved for packagers.

February 13, 2021 16:35 - Edd Barrett

Status: New S	Start date:	February 13, 2021
Priority: Minor D	Due date:	
Assignee: 9	% Done:	0%
Category:	Estimated time:	0.00 hour
Target version:		
Affects version:		
Description		
Hi!		
Over at OpenBSD, we've been trying to provide binary packages for the QT GUI for Audacious. Our extant package only links GTK.		
On first glance, it looked like it would be possible for us to use what we call "multi packages", where we build once and the installed files are split into multiple smaller packages.		
We had planned on having a package containing only the core functionality, then extra packages containing only the files for the QT and GTK stuff. Then users could install either frontend, or both if they wish.		
But it seems that if you build with both toolkits (`enable-gtkenable-qt5`), some of the core libraries link QT. For example libaudcore:		
% Idd /usr/local/lib/libaudcore.so.5.2 % Idd /usr/local/lib/libaudcore.so.5.2 Start End Type Open Ref GrpRef Name 000007fbc0091000 000007fbc10340000 dlib 2 0 0 /usr/local/lib/libaudcore.so.5.2 000007fbc0340000 000007fbc16873000 rlib 0 6 0 /usr/local/lib/lib/lib/lib/lib/lib/lib/lib/lib/li		
Thanks :)		

History

#1 - February 14, 2021 04:44 - John Lindgren

libaudcore does have a hard dependency on QtCore (but no other Qt libs) if you build with Qt support. I think a few of the plugins will also end up linking to both GTK and Qt.

I wish we could have achieved a cleaner split, but it proved to be technically difficult, and is probably not going to happen at this point.

Package "flavors" (e.g. audacious-gtk and audacious-qt) are probably a good option, if having a single package depending on both toolkits is undesirable.

#2 - February 14, 2021 22:06 - Edd Barrett

Thanks for the clarification!

#3 - March 31, 2021 00:32 - John Lindgren

- Tracker changed from Bug to Feature