

## Packages - Freedom Issue #2107

### nextcloud-client depends on qt5-webengine

2018-12-03 10:26 AM - theova

<b>Status:</b> fixed	<b>% Done:</b> 0%
<b>Priority:</b> freedom issue	
<b>Assignee:</b> bill-auger	
<b>Category:</b>	
<b>Description</b> nextcloud-client depends on qt5-webengine:  <pre>\$ pacman -Si nextcloud-client   grep -E 'Repository Depends'</pre> <pre>Repository      : community Depends On      : openssl  sqlite  qtkeychain  qt5-svg  qt5-webengine  xdg-utils</pre> Since the webinterface should not be needed necessarily and the origin owncloud-client hasn't it as a dependencie, I think, it should be possible to run it without qt5-webengine.  Thanks a lot!	
<b>Related issues:</b> Related to Packages - Packaging Request #1115: [nextcloud-client] add package... <b>not-a-bug</b> Related to Packages - Packaging Request #3203: Switch back to nextcloud-clien... <b>fixed</b>	

#### History

##### #1 - 2018-12-10 11:13 AM - theova

The [daily image](#) doesn't use qt5-webengine. An example of a pkgbuild can be seen in the [AUR](#). It would be cool to have this package in the official repository.

##### #2 - 2018-12-10 11:22 AM - bill-auger

"appimage" in the package name indicates that as a blob package with qt5-webengine baked in - i.e. not built from source code - i.e. not fit for parabola

i could be wrong about that? - but it is indeed the latest casualty of the chromium->qt5-webengine->electron deluge

##### #3 - 2018-12-10 11:29 AM - bill-auger

- Related to Freedom Issue #1167: [chromium][electron][qt5-webengine][qt6-webengine] QTWebgine/Electron embeds "entire Chromium platform" added

##### #4 - 2018-12-10 08:29 PM - theova

bill-auger wrote:

"appimage" in the package name indicates that as a blob package with qt5-webengine baked in - i.e. not built from source code - i.e. not fit for parabola

I didn't know this, thanks.

I contacted the developers of nextcloud-client. See <https://github.com/nextcloud/desktop/issues/932>.

##### #5 - 2018-12-10 08:54 PM - bill-auger

i would not expect that github issue to be convincing - this is not a new issue - the qt5-webengine dev team have already been confronted with this issue and they do not believe it is true

also, it is not correct to say that qt5-webengine is definitively considered non-free - it is considered non-free only because it has never been definitively shown to be free

also the link to the FSF is not going to be convincing either - if you really wanted to show them something relevant, this would be a better link to offer

<https://lists.gnu.org/archive/html/directory-discuss/2017-11/msg00003.html>

IIRC a qt5-webengine dev posted to that thread saying they were willing to fix any freedom issues that can be shown conclusively, if chromium does

not address them first - that is the best you could ask of any upstream

lastly, i can say that any problem with qt5-webengine is in what it inherits from chromium - if there is any work to be done verifying or liberating qt5-webengine or electron, the upstream chromium would be the ideal place to do that work - in time, the changes would propagate to the others

**#6 - 2019-02-27 08:30 PM - bill-auger**

- Status changed from open to confirmed

**#7 - 2019-04-27 10:40 AM - theova**

- File *auth.patch* added

- File *PKGBUILD* added

[There is a patch](#) to build nextcloud-desktop without qt5-webengine. I can't estimate, if there are any security issues, so it would be good, if somebody could have a look at it.

You can find the patch and the modified (Arch-)PKGBUILD in the attachment.

**#8 - 2019-04-28 11:17 PM - bill-auger**

- Priority changed from bug to freedom issue

it looks that people are taking the patch favorably upstream - maybe we should just wait a bit and see if they accept it

**#9 - 2019-05-31 06:12 PM - bill-auger**

- Related to Packaging Request #1115: [nextcloud-client] add package to PCR added

**#10 - 2019-07-31 03:00 PM - theova**

- File *PKGBUILD* added

Here is the updated PKGBUILD for Version 2.5.3.

**#11 - 2019-07-31 05:27 PM - freemor**

Theova nice work on the updated PKGBUILD. I'm looking at it now. First issue this is definitely NOT an "arch=(any)" package. It'll build fine that way and even install on other ARCHs that way but if you try to execute it on an i686 machine you'll be met with an "Can not execute binary file: Exec format error". This is something you see in AUR packaged a lot and they generally get away with it due to Archlinux only supporting x86\_64. So no biggie but something to be watching for in the future. Parabola can and does have "any" packages but these are generally things written in languages like python, perl, bash, or something like java that is machine independent as it has it's own JVM to abstract away the actual metal.

Keep up the good work. I'll keep getting to them as I am able. Not sure how deeply I can test nextcloud client as I do not use nextcloud.

**#12 - 2019-08-01 10:52 AM - theova**

- File *PKGBUILD* added

Thanks for the feedback.  
So I have replaced "arch=(any)" with

```
arch=(x86_64)
arch+=('i686' 'armv7h')
```

**#13 - 2019-10-06 12:19 AM - dario**

Version 2.6.0-2 in Community-Testing has a different authentication method that consists in opening the default installed browser. qt5-webengine is still reported as a needed dependency, but maybe it is not really needed.

**#14 - 2019-10-10 02:00 PM - sseneca**

I've been running the Nextcloud client with the above PKGBUILD for about 2 months now without any issues whatsoever.

**#15 - 2019-10-11 01:14 AM - bill-auger**

- Description updated

sseneca -

to be clear, you used the PKGBUILD uploaded on 2019-08-01 06:50 AM ?

there are multiple attached now, i would like to delete the others

**#16 - 2019-10-11 05:07 PM - sseneca**

Yes, I've been using the PKGBUILD uploaded on 2019-08-01, along with the auth.patch from 2019-04-27.

**#17 - 2019-10-11 09:39 PM - bill-auger**

- File deleted (PKGBUILD)

**#18 - 2019-10-11 09:39 PM - bill-auger**

- File deleted (PKGBUILD)

**#19 - 2019-11-17 02:00 PM - theova**

- File v2.6.2.zip added

Here is the updated PKGBUILD vor 2.6.1 and the necessary patches. Credits for the updated patch goes to [Cogitri](#).

The old PKGBUILD and auth.patch are no longer needed...

**#20 - 2019-11-17 03:29 PM - bill-auger**

just for the sake of documentation, does anyone know what functionality is missing from this program in the absence of webengine? - is it only used for login?

**#21 - 2019-11-17 09:24 PM - bill-auger**

- Assignee set to bill-auger

'nextcloud-client' v2.6.1 for x86\_64 and armv7h are in [libre] now - i686 is being pesky - i did not test it out fully; but it launches - please do try it out in real usage, and let us know if there are any problems with it, and we can close this ticket

**#22 - 2019-11-17 09:41 PM - theova**

Cool! I can't see 'nextcloud-client' in the abslibre yet. And the parabola package website says "Path not found" as well. Probably I just have to wait...

AFAIK webengine is only used for login. The login method is changed to "HTTP Basic Auth" which is the default fallback method.

**#23 - 2019-11-17 10:36 PM - bill-auger**

i did not upload it to abslibre yet - the package will take an hour or a few to propagate to the mirrors

i can add your name and email as "contributor" if you like

**#24 - 2019-11-17 11:35 PM - bill-auger**

i686 still not building

```
....
| [100%] Built target nextcloud
| Scanning dependencies of target doc-man
| Traceback (most recent call last):
|   File "/usr/bin/sphinx-build", line 6, in <module>
|     from pkg_resources import load_entry_point
|   File "/usr/lib/python3.7/site-packages/pkg_resources/__init__.py", line 84, in <module>
|     __import__('packaging.requirements')
|   File "/usr/lib/python3.7/site-packages/packaging/requirements.py", line 9, in <module>
|     from pyparsing import stringStart, stringEnd, originalTextFor, ParseException
| ModuleNotFoundError: No module named 'pyparsing'
| make[3]: *** [man/CMakeFiles/doc-man.dir/build.make:57: man/CMakeFiles/doc-man] Error 1
| make[2]: *** [CMakeFiles/Makefile2:1315: man/CMakeFiles/doc-man.dir/all] Error 2
| make[1]: *** [CMakeFiles/Makefile2:1322: man/CMakeFiles/doc-man.dir/rule] Error 2
| make: *** [Makefile:691: doc-man] Error 2
```

**#25 - 2019-11-19 10:08 AM - theova**

Yes, please add me as "Theo von Arx <[theova@member.fsf.org](mailto:theova@member.fsf.org)>"

I don't see any problems :-) For me it works as expected.

**#26 - 2019-12-02 12:38 AM - bill-auger**

- Status changed from confirmed to forwarded upstream

the problem with i686 is with the arch32 'python-parsing' package

[https://bugs.archlinux32.org/index.php?do=details&task\\_id=93](https://bugs.archlinux32.org/index.php?do=details&task_id=93)

**#27 - 2020-02-01 01:57 PM - bill-auger**

- Status changed from forwarded upstream to fixed

**#28 - 2021-09-15 08:02 PM - sseneca**

- File PKGBUILD added

Now that upstream officially support building without QT WebEngine, it was easy to build the latest version on Parabola.

Attached is the PKGBUILD I used to build it. It's exactly the PKGBUILD from Arch Linux, with only the two occurrences of `qt5-webengine` removed. Otherwise they are identical. (Oh, and I added myself as a contributor at the top :P)

**#29 - 2022-04-17 10:07 PM - bill-auger**

- Related to Packaging Request #3203: Switch back to nextcloud-client package in the Arch repositories added

**#30 - 2022-04-27 07:47 AM - bill-auger**

- Related to deleted (Freedom Issue #1167: [chromium][electron][qt5-webengine][qt6-webengine] QTWebgine/Electron embeds "entire Chromium platform")

**Files**

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auth.patch	7.48 KB	2019-04-27	theova
PKGBUILD	1.55 KB	2019-08-01	theova
v2.6.2.zip	5.55 KB	2019-11-17	theova
PKGBUILD	3.7 KB	2021-09-15	sseneca