

Packages - Bug #2776

Housekeeping # 2546 (open): [STICKY][poppler]: and friends (x86_64)

[libre/textlive-bin]: rebuild against new poppler (x86_64)

2020-05-13 11:56 AM - bill-auger

Status: fixed	% Done: 50%
Priority: bug	
Assignee: bill-auger	
Category:	
Description	

History

#1 - 2020-05-13 11:56 AM - bill-auger

- Parent task changed from #2047 to #2546

#2 - 2020-05-14 10:03 PM - bill-auger

- Subject changed from [textlive-bin]: rebuild against new poppler (x86_64) to [libre/textlive-bin]: rebuild against new poppler (x86_64)

#3 - 2020-07-16 02:32 PM - bill-auger

- Status changed from fixed to open

#4 - 2020-08-01 08:07 AM - bill-auger

- Status changed from open to fixed

#5 - 2020-10-11 09:59 AM - bill-auger

- Status changed from fixed to open

#6 - 2020-10-11 11:47 PM - bill-auger

- Status changed from open to in progress

#7 - 2020-10-12 02:33 AM - bill-auger

- Status changed from in progress to fixed

#8 - 2020-10-12 02:43 AM - bill-auger

- Status changed from fixed to in progress

#9 - 2020-10-12 02:43 AM - bill-auger

- Status changed from in progress to fixed

#10 - 2021-01-06 04:37 PM - bill-auger

- Status changed from fixed to in progress

#11 - 2021-01-07 03:07 AM - bill-auger

- Status changed from in progress to fixed

#12 - 2021-02-09 06:05 PM - bill-auger

- Status changed from fixed to in progress

#13 - 2021-03-05 08:25 AM - bill-auger

- Status changed from in progress to fixed

#14 - 2021-04-08 02:30 PM - bill-auger

- Status changed from fixed to in progress

#15 - 2021-04-08 04:06 PM - bill-auger

- Status changed from in progress to fixed

#16 - 2021-06-04 06:57 PM - bill-auger

- Status changed from fixed to open

#17 - 2021-06-04 10:27 PM - bill-auger

- Status changed from open to in progress

#18 - 2021-06-04 11:11 PM - bill-auger

- Status changed from in progress to fixed

#19 - 2021-08-03 03:51 PM - theova

It's open again:

```
$ sudo pacman -Syu
...
warning: cannot resolve "poppler=21.07.0-3", a dependency of "texlive-bin"
:: The following package cannot be upgraded due to unresolvable dependencies:
    texlive-bin
```

As shown in [Freedom Issue #2695](#): Re-evaluate texlive-bin, the difference between Parabola's package and Arch's one is mainly a question of branding.

I doubt that it's worth to maintain this package separably as it has no freedom issue but a huge maintenance workload...

#20 - 2021-08-06 04:59 PM - bill-auger

- Related to Bug #3075: [cups-filters][texlive-bin]: installing poppler (N) breaks dependency added

#21 - 2021-08-06 05:12 PM - bill-auger

- Related to deleted (Bug #3075: [cups-filters][texlive-bin]: installing poppler (N) breaks dependency)

#22 - 2021-09-19 12:25 PM - theova

theova wrote:

It's open again:
[...]

As shown in [Freedom Issue #2695](#): Re-evaluate texlive-bin, the difference between Parabola's package and Arch's one is mainly a question of branding.

I doubt that it's worth to maintain this package separably as it has no freedom issue but a huge maintenance workload...

Are there any updates/thoughts on this proposal?

#23 - 2021-09-19 08:14 PM - bill-auger

[#2695](#) was closed, which indicates that no further discussion is necessary - i just added a note/question to it though - i do agree with your reasoning

#24 - 2022-01-14 04:18 AM - bill-auger

- Status changed from fixed to in progress

#25 - 2022-01-14 04:46 AM - bill-auger

- % Done changed from 0 to 50

the 'texlive-bin' arch package no longer depends on poppler and no longer passes --with-system-poppler to ./configure

we generally try to avoid that, but to prefer system libs, if possible; but as an experiment, this current package follows arch WRT poppler - maybe it is a good solution, for maintaining such pesky software as texlive

ive never known how to test this confidently - i have a small test input file and a found command; but it always showed error, despite producing a valid output file

```
$ cat test.tex
\documentclass{article}
```

```
\begin{document}
  dfv1kmdfv\end{document}
```

```
$ pdf2ps test.tex
```

```
Error: /undefined in \documentclass
```

```
Operand stack:
```

```
Execution stack:
```

```
  %interp_exit  .runexec2  --nostringval--  --nostringval--  --nostringval--  2  %stopped_push  --nost
ringval--  --nostringval--  --nostringval--  false  1  %stopped_push  1990  1  3  %oparray_pop  1989
  1  3  %oparray_pop  1977  1  3  %oparray_pop  1833  1  3  %oparray_pop  --nostringval--  %error
exec_pop  .runexec2  --nostringval--  --nostringval--  --nostringval--  2  %stopped_push  --nostringval
--
```

```
Dictionary stack:
```

```
  --dict:763/1123(ro)(G)--  --dict:0/20(G)--  --dict:75/200(L)--
```

```
Current allocation mode is local
```

```
Current file position is 14
```

```
GPL Ghostscript 9.55.0: Unrecoverable error, exit code 1
```

```
$ file test.tex.ps
```

```
test.tex.ps: PostScript document text conforming DSC level 3.0, Level 2
```

could anyone provide a better example command and/or test input?

#26 - 2022-01-14 09:13 AM - theova

could anyone provide a better example command and/or test input?

Your test.tex is fine. However, I would use the command

```
$ pdflatex test.tex
```

```
This is pdfTeX, Version 3.141592653-2.6-1.40.22 (TeX Live 2021/Parabola GNU/Linux-libre) (preloaded format=pdf
latex)
```

```
 restricted \writel8 enabled.
```

```
entering extended mode
```

```
(./test.tex
```

```
LaTeX2e <2020-02-02> patch level 5
```

```
L3 programming layer <2020-06-03>
```

```
(/usr/share/texmf-dist/tex/latex/base/article.cls
```

```
Document Class: article 2019/12/20 v1.4l Standard LaTeX document class
```

```
(/usr/share/texmf-dist/tex/latex/base/size10.clo)
```

```
(/usr/share/texmf-dist/tex/latex/l3backend/l3backend-pdfmode.def) (./test.aux)
```

```
[1{/var/lib/texmf/fonts/map/pdftex/updmap/pdftex.map}] (./test.aux) </usr/shar
```

```
e/texmf-dist/fonts/type1/public/amsfonts/cm/cmr10.pfb>
```

```
Output written on test.pdf (1 page, 11768 bytes).
```

```
Transcript written on test.log.
```

And you indeed test the correct package:

```
$ pkgfile pdflatex
```

```
libre/texlive-bin
```

#27 - 2022-01-14 09:25 AM - bill-auger

ok thanks - i may have simply guessed which binary might process that file - its good to get this knowledge documented

#28 - 2022-01-17 08:38 AM - bill-auger

- Status changed from *in progress* to *fixed*

#29 - 2022-04-24 11:54 AM - theova

I think texlive-bin needs another rebuild:

```
$ xelatex test.tex
```

```
xelatex: error while loading shared libraries: libicuuc.so.70: cannot open shared object file: No such file or directory
```

Downloading the latest texlive-bin from Arch/Extra resolves this issue.

#30 - 2022-04-25 08:35 AM - bill-auger

- Status changed from fixed to open

#31 - 2022-04-28 12:19 PM - bill-auger

- Status changed from open to fixed

#32 - 2022-05-09 03:42 PM - bill-auger

i should add that texlive-bin has not used the system poppler since about a year ago - the latest rebuild was for the new 'icu' - there is an analogous 'sticky' ticket for that <https://labs.parabola.nu/issues/2746>

this ticket and the 'sticky' epic for poppler could probably be closed permanently - OTOH, we prefer to use system libs whenever possible - i just havent decided to restore that or not - texlive-bin must be rebuilt each time either poppler or icu is upgraded; which is fairly often - there is discussion of whether we need blacklist replacements for any of texlive; so it is still an open question

#33 - 2023-09-01 03:45 AM - bill-auger

- Tracker changed from Housekeeping to Bug