Packages - Bug #2769

Freedom Issue # 972 (forwarded upstream): TeXLive freedom verification

[texlive-core]: missing /usr/bin/mktexlsr

2020-05-07 08:20 AM - jerilso

Status:	fixed	**% Done:**		0%
Priority:	bug			
Assignee:	bill-auger			
Category:				

Description
I installed texlive-core with: sudo pacman -S texlive-core.
To clarify, the script in /usr/share/libalpm/scripts/mktexlsr can't find the binary /usr/bin/mktexlsr. It doesn't exist on my computer.
The command that failed to work is: pdflatex example.tex
Thanks for your help.

History

#1 - 2020-05-08 06:06 AM - bill-auger

- Status changed from unconfirmed to not-a-bug

- Description updated

i tried this myself and i got this error:

```
$ pdflatex some.tex
! LaTeX Error: File `standalone.cls' not found.
```

i had to install the 'texlive-latexextra' to make the `pdflatex` command work - the texlive-* pacjages i have installed are:

```
libre/texlive-bin 2020.54586-1.parabola1
libre/texlive-core 2019.50917-1.par2
libre/texlive-latexextra 2019.50920-1.par1
```

there is a package group 'texlive-most' which would have installed it - in case you have trouble with some other type of files, try installing the whole set:

```
$ sudo pacman -S texlive-most
```

#2 - 2020-05-08 07:54 AM - jerilso

Thanks for replying. Sadly, even installing texlive-most doesn't solve my issue. It doesn't change anything actually.

Maybe it's just a problem on my side, i'll try to see.

#3 - 2020-05-08 07:52 PM - jerilso

Hello bill-auger, have you tried on a freshly installed parabola or was it on a computer that already had a working texlive environment?

I have been suggested that I shouldn't use texlive-bin 2019 with texlive-core 2020. Could it be what is causing the issue?

Is there a way to get both texlive-bin 2019 and texlive-core 2019 or texlive-bin 2020 and texlive-core 2020 in parabola?

#4 - 2020-05-09 12:08 AM - bill-auger

what exactly is the error that you see? - the error about mktexlsr is not a problem - i get that too; and it still works as expected - i even opened the generated PDF file; and it looks perfect

also, have you ever used the 'pdflatex' program successfully on your current system?

you can try downgrading poppler and texlive-bin; it did that at first; and it filed in the same way - after i installed 'texlive-latexextra', it worked - then i re-installed the new poppler and texlive-bin; and it still worked

you can try these steps - firstly i needed to uninstall anything that depends on poppler

```
$ sudo pacman -Rss poppler
$ sudo pacman -S icu-parabola
$ sudo pacman -U https://archive.archlinux.org/packages/p/poppler/poppler-0.86.1-1-x86_64.pkg.tar.zst
$ sudo pacman -U https://repo.parabola.nu/pool/parabola/texlive-bin-2019.51075-7.par1-x86_64.pkg.tar.xz  --ass
ume-installed=icu=65
```

#5 - 2020-05-09 08:45 AM - jerilso

Hello,

In my first message, I had linked to the pacman logs that I had. Is it still available?

I have only installed parabola a few weeks ago. I have never used pdflatex on this installation before.

The steps you gave me worked, thanks a lot! I guess I needed both texlive-bin 2019 and texlive-core 2019 at the same time for the installation to succeed. Then the upgrade of only one of them seems to work :).

The steps you mentioned installed the package icu-parabola. I already had icu installed. Now I have both. Do I need both?

Thanks a lot

#6 - 2020-05-09 10:21 AM - bill-auger

the OP mentioned that you were going to post some logs; but there
were none

it would be a good idea to keep 'icu-parabola' installed always
that package is meant to smooth transitions from one icu version
to the next in the future - most likely you will need it again
someday anyway

#7 - 2020-07-09 02:50 AM - nona

mktexlsr is needed to install texlive-science

Context:

- https://labs.parabola.nu/boards/5/topics/454 (a related question; nothing to do with freedom)
- https://www.reddit.com/r/archlinux/comments/h852nd/problem_with_texlivecore_package_post_transaction/ (not related to Arch Linux)
- https://labs.parabola.nu/issues/2792 (a duplicate affecting other people)
- https://wiki.parabola.nu/TeXLive#Installation (the original instructions)

When installing texlive-science:

```
sudo pacman -S texlive-science
...
updmap [ERROR]: The following map file(s) couldn't be found:
updmap [ERROR]:     chemarrow.map (in /etc/texmf/web2c/updmap.cfg)
updmap [ERROR]:     stmaryrd.map (in /etc/texmf/web2c/updmap.cfg)
updmap [ERROR]:     yhmath.map (in /etc/texmf/web2c/updmap.cfg)
updmap [ERROR]: Did you run mktexlsr?

    You can disable non-existent map entries using the option
      --syncwithtrees.

error: command failed to execute correctly
```

Running xelatex on my file

```
xelatex -file-line-error -no-pdf -interaction nonstopmode -shell-escape -output-directory /tmp/ test.tex
...
! LaTeX Error: File `siunitx.sty' not found.
```

#8 - 2020-07-18 08:24 PM - nona

Can someone reopen this bug or should I create a new one? Thanks.

#9 - 2020-07-19 02:36 AM - bill-auger

nona -

i just made you a moderator - be at liberty to do whatever
you think is best for any ticket

it is best to re-open a ticket if it contains information
which is still relevant, such as if the very same bug
re-appears, soon after being fixed - that is probably the
case with this one

i kinda ignored this one because it is probably just a small
symptom of the larger issue, that all of the texlive packages
need rebuilding now - i am aware of it and started on some of
them

there is also the yet larger discussion of whether we need to
blacklist and re-package texlive at all [#972](#)
(plus related: [#969](#)[#2695](#)[#2698](#)[#2699](#)[#2700](#))

#10 - 2020-07-19 09:44 PM - nona

- Status changed from not-a-bug to confirmed

Thanks, bill. I figured about the packaging after i tried to create the texlive-core package.

Regarding the licenses: Oh, my! a banana and a gorilla you said, right?

I am marking this one as confirmed. I will do what i can with the packaging myself. I think that it's a good moment to read the packaging
documentation. Thanks.

#11 - 2020-07-19 09:49 PM - nona

- Parent task set to #972

#12 - 2020-07-22 01:39 AM - nona

- File PKGBUILD added

- File PKGBUILD added

bill-auger wrote:

> all of the texlive packages
> need rebuilding now - i am aware of it and started on some of
> them

I am attaching what runs for me with the current packages for texlive-core and texlive-latexextra once I update the sources to their free equivalents (
[#2699](#), [#2698](#), [#972](#))

#13 - 2020-08-01 09:33 AM - bill-auger

- Assignee set to bill-auger

- Subject changed from texlive-core missing /usr/bin/mktexlsr to [texlive-core]: missing /usr/bin/mktexlsr

texlive-core has been upgraded - i think the problem with mktexlsr is that it was moved from one package to another; but at the time of this BR only
texlive-bin had been upgraded

#14 - 2020-12-05 08:26 AM - oaken-source

bill-auger is correct, the file has moved from texlive-bin to texlive-core:

```
$ pacman -F /usr/bin/mktexlsr
usr/bin/mktexlsr is owned by libre/texlive-bin 2019.51075-3.par3
$ pacman -Fy
[...]
$ pacman -F /usr/bin/mktexlsr
usr/bin/mktexlsr is owned by libre/texlive-core 2020.55416-1.par1
```

this issue can be closed.

#15 - 2020-12-05 08:42 AM - bill-auger

- Status changed from confirmed to fixed

"fixed" as in: it fixed itself, really - it was justr a matter of rolling the libre packages ahead in step with arch

Files

| PKGBUILD | 13.8 KB | 2020-07-22 | nona |
| PKGBUILD | 4.32 KB | 2020-07-22 | nona |