

Packages - Bug #3617

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

[texlive-core] PANIC: unprotected error in call to Lua API"

2024-03-29 07:33 AM - Integral

Status: confirmed	% Done: 0%
Priority: bug	
Assignee:	
Category:	
Description	
<ul style="list-style-type: none">• steps to reproduce: sudo pacman -S texlive-core• expected result: It should be installed successfully without any error.• actual result: Error occurs during installation (seems to be inconsistent zlib version).	
<pre>(3/5) Updating TeXLive filename database... PANIC: unprotected error in call to Lua API (zlib library version does not match - header: 1.3, library: 1.3.1) /usr/share/libalpm/scripts/mktextslr: line 4: 22617 Aborted (core dumped) /usr/bin/mtxrun --generate > /dev/null grep: /var/lib/texmf/luatex-cache/context/*/trees/*.lua: No such file or directory (4/5) Updating TeXLive format files... PANIC: unprotected error in call to Lua API (zlib library version does not match - header: 1.3, library: 1.3.1) PANIC: unprotected error in call to Lua API (zlib library version does not match - header: 1.3, library: 1.3.1) PANIC: unprotected error in call to Lua API (zlib library version does not match - header: 1.3, library: 1.3.1) PANIC: unprotected error in call to Lua API (zlib library version does not match - header: 1.3, library: 1.3.1) PANIC: unprotected error in call to Lua API (zlib library version does not match - header: 1.3, library: 1.3.1) PANIC: unprotected error in call to Lua API (zlib library version does not match - header: 1.3, library: 1.3.1) PANIC: unprotected error in call to Lua API (zlib library version does not match - header: 1.3, library: 1.3.1) kpathsea: Running mktexfm csr10 mktexfm: Running mf-nowin -progname=mf \mode:=ljfour; mag:=1; ; nonstopmode; input csr10 This is METAFONT, Version 2.71828182 (TeX Live 2023/Parabola GNU/Linux-libre) (preloaded base=mf) kpathsea: Running mktexmf csr10 ! I can't find file `csr10'. <*> ...=ljfour; mag:=1; ; nonstopmode; input csr10 Please type another input file name ! Emergency stop. <*> ...=ljfour; mag:=1; ; nonstopmode; input csr10 Transcript written on mfput.log. grep: csr10.log: No such file or directory mktexfm: `mf-nowin -progname=mf \mode:=ljfour; mag:=1; ; nonstopmode; input csr10' failed to make csr10.tfm. kpathsea: Appending font creation commands to missfont.log. PANIC: unprotected error in call to Lua API (zlib library version does not match - header: 1.3, library: 1.3.1) PANIC: unprotected error in call to Lua API (zlib library version does not match - header: 1.3, library: 1.3.1) kpathsea: Running mktexfm csr10 mktexfm: Running mf-nowin -progname=mf \mode:=ljfour; mag:=1; ; nonstopmode; input csr10 This is METAFONT, Version 2.71828182 (TeX Live 2023/Parabola GNU/Linux-libre) (preloaded base=mf) kpathsea: Running mktexmf csr10 ! I can't find file `csr10'. <*> ...=ljfour; mag:=1; ; nonstopmode; input csr10</pre>	

```
Please type another input file name
! Emergency stop.
<*> ...=ljfour; mag:=1; ; nonstopmode; input csr10

Transcript written on mfput.log.
grep: csr10.log: No such file or directory
mktexmf: `mf-nowin -programe=mf \mode:=ljfour; mag:=1; ; nonstopmode; input csr10' failed to make csr10.tfm.
kpathsea: Appending font creation commands to missfont.log.
PANIC: unprotected error in call to Lua API (zlib library version does not match - header: 1.3, library: 1.3.1)

kpathsea: Running mktexmf csr10
mktexmf: Running mf-nowin -programe=mf \mode:=ljfour; mag:=1; ; nonstopmode; input csr10
This is METAFONT, Version 2.71828182 (TeX Live 2023/Parabola GNU/Linux-libre) (preloaded base=mf)

kpathsea: Running mktexmf csr10

! I can't find file `csr10'.
<*> ...=ljfour; mag:=1; ; nonstopmode; input csr10

Please type another input file name
! Emergency stop.
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PANIC: unprotected error in call to Lua API (zlib library version does not match - header: 1.3, library: 1.3.1)
fmtutil [ERROR]: running `luajithbtex -ini -jobname=luajithbtex -programe=luajithbtex luatex.ini </dev/null' return status: 1
fmtutil [ERROR]: returning error due to option --strict
fmtutil [ERROR]: running `luahtbtx -ini -jobname=luahtbtx -programe=luahtbtx luatex.ini </dev/null' return status: 134
fmtutil [ERROR]: returning error due to option --strict
fmtutil [ERROR]: running `luajittex -ini -jobname=luajittex -programe=luajittex luatex.ini </dev/null' return status: 1
fmtutil [ERROR]: returning error due to option --strict
fmtutil [ERROR]: running `luatex -ini -jobname=luatex -programe=luatex luatex.ini </dev/null' return status: 134
fmtutil [ERROR]: returning error due to option --strict
fmtutil [WARNING]: inifile mex.ini for mex/pdftex not found.
fmtutil [ERROR]: running `luahtbtx -ini -jobname=lualatex -programe=lualatex lualatex.ini </dev/null' return status: 134
fmtutil [ERROR]: returning error due to option --strict
fmtutil [WARNING]: inifile pdfmex.ini for pdfmex/pdftex not found.
fmtutil [ERROR]: running `pdftex -ini -jobname=utf8mex -programe=utf8mex -enc *utf8mex.ini </dev/null' return status: 1
fmtutil [ERROR]: returning error due to option --strict
fmtutil [ERROR]: running `luatex -ini -jobname=dvluatex -programe=dvluatex dvluatex.ini </dev/null' return status: 134
fmtutil [ERROR]: returning error due to option --strict
fmtutil [ERROR]: running `pdftex -ini -jobname=csplain -programe=csplain -etex -enc csplain-utf8.ini </dev/null' return status: 1
fmtutil [ERROR]: returning error due to option --strict
fmtutil [ERROR]: running `luatex -ini -jobname=dvilualatex -programe=dvilualatex dvilualatex.ini </dev/null' return status: 134
fmtutil [ERROR]: returning error due to option --strict
fmtutil [ERROR]: running `luatex -ini -jobname=optex -programe=optex optex.ini </dev/null' return status: 134
fmtutil [ERROR]: returning error due to option --strict
fmtutil [ERROR]: running `xetex -ini -jobname=pdfcsplain -programe=pdfcsplain -etex csplain.ini </dev/null' return status: 1
fmtutil [ERROR]: returning error due to option --strict
fmtutil [ERROR]: running `luatex -ini -jobname=pdfcsplain -programe=pdfcsplain -etex csplain.ini </dev/null' return status: 134
fmtutil [ERROR]: returning error due to option --strict
fmtutil [ERROR]: running `pdftex -ini -jobname=pdfcsplain -programe=pdfcsplain -etex -enc csplain-utf8.ini </dev/null' return status:
1
fmtutil [ERROR]: returning error due to option --strict
fmtutil [ERROR]: running `luatex -ini -jobname=luacsplain -programe=luacsplain -etex csplain.ini </dev/null' return status: 134
fmtutil [ERROR]: returning error due to option --strict
error: command failed to execute correctly
```

History

#1 - 2024-03-29 08:00 AM - bill-auger

- Status changed from unconfirmed to duplicate

this issue has been raised many times (for example, <https://labs.parabola.nu/boards/5/topics/945>) - those errors have been present for as long as parabola has been packaging texlive - it has never been any actual problem - it is related to some non-free fonts which are removed in the parabola package - the error messages are harmless - the install did not fail; and the programs should work as expected

[#972](#) and its child tickets track this issue

#2 - 2024-03-29 08:02 AM - bill-auger

- Is duplicate of Freedom Issue #972: TeXLive freedom verification added

#3 - 2024-03-29 11:02 PM - nona

It seems that this does affect the execution of programs:

```
$ texdoc tikz
```

```
PANIC: unprotected error in call to Lua API (zlib library version does not match - header: 1.3, library: 1.3.1)
Aborted
```

nothing shows up (even with just texdoc).

Is this really a duplicate?

#4 - 2024-03-29 11:36 PM - bill-auger

- Is duplicate of deleted (Freedom Issue #972: TeXLive freedom verification)

#5 - 2024-03-29 11:37 PM - bill-auger

- Parent task set to #972

- Status changed from duplicate to confirmed

- Subject changed from [texlive-core] Error occurs during installation to [texlive-core] PANIC: unprotected error in call to Lua API"

Is this really a duplicate?

the very same error messages "fmtutil [ERROR]: returning error due to option --strict" have been reported many times over the years

[#3164](#)

[#3100](#)

[#2151](#)

the only new information i see is "PANIC: unprotected error in call to Lua API"; but the subject is "Error occurs during installation" - i just assumed that it was as harmless as the rest - AFAIK, this is the first time that anyone reported a problem when running any of the programs

it appears to be a typical library mismatch though, which could be easily fixed with a rebuild, pinning it to 'zlib' to prevent future breakage

#6 - 2024-03-30 01:57 AM - bill-auger

bill-auger wrote:

it appears to be a typical library mismatch though, which could be easily fixed with a rebuild, pinning it to 'zlib' to prevent future breakage

i tried - it did not help - we are going to need to move forward with [#972](#) - either determine that texlive no longer needs to be patched, or re-work the PKGBUILDS and patches for the latest release, or simply stop packaging it