

Packages - Bug #1478

[emacs] Emacs needs recompilation due to libLLVM changes

2017-09-22 04:48 PM - GNUtoo

Status: not-a-bug	% Done: 0%
Priority: bug	
Assignee:	
Category:	
Description	
<pre>\$ emacs emacs: error while loading shared libraries: libLLVM-3.9.so: cannot open shared object file: No such file or directory</pre>	
emacs-nox is unaffected as it launches correctly.	
Denis.	
Related issues:	
Related to Packages - Bug #1480: inkscape fails to launch - needs libLLVM-3...	fixed 2017-09-23 2017-09-28

History

#1 - 2017-09-22 04:56 PM - ovruni

Emacs comes from Arch. You can install llvm39-libs.

#2 - 2017-09-22 04:58 PM - Megver83

Installing llvm38-libs solves the problem when the issue is for libLLVM-3.8.so.

As ovruni said, this pkg comes from Arch, so better report this issue at <https://bugs.archlinux.org/>

#3 - 2017-09-22 05:24 PM - isacdaavid

@everyone: i have an updated system and my emacs is still launching just fine.

Megver83 wrote:

Installing llvm38-libs solves the problem when the issue is for libLLVM-3.8.so.

that's just coincidence. in the repos, llvm38-libs is only depended upon by another (broken) [pcr] package: pocl. those packages shouldn't be there anyway, afaict.

but a question remains: what's causing the error for others? maybe a partial upgrade?

#4 - 2017-09-25 09:07 AM - amanita

@everyone: After Megver83 helped me solve this problem by installing *llvm38-libs*, emacs worked again.

Today I wanted to update the system and there was a conflict with *llvm38-libs*. I removed the package, updated, and now emacs won't start again. Thought I could reinstall llvm38-libs but it is no longer in the repos.

Meanwhile emacs shows the same error as before:

```
emacs: error while loading shared libraries: libLLVM-3.8.so: cannot open shared object file: No such file or directory
```

Running:

```
$ LD_DEBUG=files emacs | grep libllvm
```

returns:

```
file=libLLVM-3.8.so [0]; needed by /usr/lib/libOpenCL.so.1 [0]
```

which is in *ocl-icd 2.2.11-1* package, which is not installed in my system, yet *libOpenCL.so.1* is indeed present in */usr/lib/*

Any idea what the matter could be and how to make emacs run again? Should I report and wait for response upstream?

#5 - 2017-09-25 10:56 AM - amanita

Tried to install ocl-icd (thanks to laust for the suggestion). received a warning of conflict with mesa-libcl (imagemagick listed as depending on it). Removed mesa-libcl and installed ocl-icd. Emacs runs now. Imagemagick seems to work. So far.

#6 - 2017-09-25 07:55 PM - isacdaavid

amanita wrote:

```
$ LD_DEBUG=files emacs | grep libllvm
```

returns:

```
file=libLLVM-3.8.so [0]; needed by /usr/lib/libOpenCL.so.1 [0]
```

i cannot reproduce this. nor does ldd /usr/lib/libOpenCL.so.1 show libLLVM on my computer.

#7 - 2017-09-26 05:23 AM - bill-auger

just to add that this seems to be the same issue affecting other programs as well:

<https://labs.parabola.nu/issues/1480>

#8 - 2017-09-28 07:22 PM - ovruni

- % Done changed from 0 to 100
- Status changed from open to fixed
- Due date set to 2017-09-28

#9 - 2017-11-13 08:41 PM - baz_a_bar

Just curious: why is this marked fixed? I hit this bug as well and manual resolution through installation of a dependency doesn't seem like the proper way. Shouldn't ocl-icd be added to dependencies? Why does the emacs (and others) build at all without ocl-icd?

#10 - 2017-11-13 08:48 PM - isacdaavid

- % Done changed from 100 to 0
- Status changed from fixed to open

#11 - 2017-12-02 04:57 PM - jwalk

I have Arch installed on another machine and emacs runs fine without llvmlib39 installed. Until it's fixed, you could at least add llvmlib39 as dependency.

#12 - 2017-12-07 12:38 AM - isacdaavid

- Related to Bug #1480: inkscape fails to launch - needs libLLVM-3.8.so added

#13 - 2018-01-18 06:57 AM - oaken-source

- Status changed from open to not-a-bug

this appears to have been fixed by upstream - not reproducible on an up-to-date system.