

## Re: Missing dependencies on shared libraries

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*Source:* <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/hackers/2006-04/msg00211.html>

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- *From:* Victor Balada Diaz <[victor@xxxxxxxx](mailto:victor@xxxxxxxx)>
  - *Date:* Sat, 15 Apr 2006 20:45:11 +0200
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On Sat, Apr 15, 2006 at 12:26:57PM -0600, M. Warner Losh wrote:

```
In message: <Pine.GSO.4.64.0604151411140.9269@xxxxxxxxxxxxxxxx>
Daniel Eischen <deischen@xxxxxxxx> writes:
: On Sat, 15 Apr 2006, M. Warner Losh wrote:
:
: > In message: <Pine.GSO.4.64.0604151358210.9220@xxxxxxxxxxxxxxxx>
: > Daniel Eischen <deischen@xxxxxxxx> writes:
: > : On Sat, 15 Apr 2006, M. Warner Losh wrote:
: > :
: > : > In message: <Pine.GSO.4.64.0604141439280.3685@xxxxxxxxxxxxxxxx>
: > : > Daniel Eischen <deischen@xxxxxxxx> writes:
: > : > : On Fri, 14 Apr 2006, Victor Balada Diaz wrote:
: > : > :
: > : > : > Hi,
: > : > : > I found that ldd doesn't report libc as a dependency on most (all?)
: > : > : > libraries:
: > : > : >
: > : > : > pato> ldd /usr/lib/libfetch.so
: > : > : > /usr/lib/libfetch.so:
: > : > : > libssl.so.3 => /usr/lib/libssl.so.3 (0x4816a000)
: > : > : > libcrypto.so.3 => /lib/libcrypto.so.3 (0x48198000)
: > : > : >
: > : > : > does anyone know why?
: > : > :
: > : > : AFAIK, it's being worked on. It's not just libc either, -pthread
: > : > : also has to start linking to libpthread.
: > : > :
: > : > : We don't record libc dependencies into shared libraries right now. If
: > : > : we did, that would create some problems and solve some problems. With
: > : > : symbol versioning, it most likely will become moot, since we'll never
: > : > : have to bump libc major version again...
: > : > :
: > : kan stated he was working on doing this, which is what I was
: > : referring to above.
: > :
: > : That makes sense. If you explicitly include libc on the command line
: > : to build the library, it is included...
:
:
```

Re: Missing dependencies on shared libraries

: Here's the link to his original reply to `-current`. Also, if you  
: look at linux shared libraries, you'll note they have dependencies  
: to `libc`.

I guess what I'm saying is that on FreeBSD, the system built shared  
libraries don't have `libc` recorded in them because we don't add `-lc` on  
the command line to build them.

If i try to add `-lc` `ldd` doesn't show it as a dependency, but  
`readelf/dumpelf` does show it as `NEEDED`. Is this the expected behavior?  
Why isn't `ldd` showing the dependency?

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La prueba mas fehaciente de que existe vida inteligente en otros  
planetas, es que no han intentado contactar con nosotros.

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freebsd-hackers@xxxxxxxxxxx mailing list

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