
GLIBC_2.15 not found

Posted by manfred - 2012/10/29 09:17

I tried to upgrade from 2.9 to 2.10 on my linux box running opensuse 12.1 and got:

```
./rainlendar2: /lib64/libc.so.6: version `GLIBC_2.15' not found (required by ./rainlendar2)
```

You seem to compile rainlendar on a very new linux box. This means you exclude every linux user running an OS older than about 1 year from upgrading to version 2.10.

This is very unfortunate, as it not possible to upgrade glibc on linux installations. Having a pro licence, I'm taken for a ride, to put it mildly.

I guess you exclude a large majority of all potential linux users this way.

Could you compile rainlendar on a tad older box to circumvent this issue?

Thanks!

Re: GLIBC_2.15 not found

Posted by Rainy - 2012/10/31 10:22

It's a rather unfortunate problem but I can support only a single Linux platform and at the moment that's the latest LTS version of Ubuntu. Other users can continue to use the previous version of Rainlendar and upgrade after their distro gets updated.

Re: GLIBC_2.15 not found

Posted by manfred - 2012/10/31 11:27

Binaries built on old boxes normally run on newer ones, so it's not advisable to build binaries on bleeding edge ones if you want to aim for compatibility.

It may take literally years until enterprise distributions will have glibc >=2.15. You seem to have very patient customers ...

You can take your backup of your old linux installation, put it into some place on your new installation and do a chroot into this place, and build from there.

You can use the program "apgcc" which is a wrapper around gcc, it tries to strip incompatible objects. Not any more available on the net, and does not always work. I could give you a copy if you are interested.

You can check the generated code with
`objdump -T rainlendar2 |grep GLIBC_`

The only offending object seems to origin from the stack-protector, so compiling with `-fnostack-protector` might help.

Cheers.

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