

libretools - Bug #1234

[librechroot] `librechroot -A armv7h make` aborts during `locale-gen`

2017-03-17 02:54 AM - isacdaavid

Status:	fixed	% Done:	100%
Priority:	broken		
Assignee:			
Category:	ARM on x86		
Description			
<pre>\$ sudo librechroot -A armv7h -n armv7h make [...]</pre>			
<pre>:: Running post-transaction hooks... [...]</pre>			
<pre>Generating locales... en_US.UTF-8...localedef: ../sysdeps/unix/sysv/linux/spawni.c:360: __spawnix: Assertion `ec >= 0' failed. gemu: uncaught target signal 6 (Aborted) - core dumped /usr/bin/locale-gen: line 41: 27 Aborted (core dumped) localedef -i \$input -c - f \$charset -A /usr/share/locale/locale.alias \$locale</pre>			
<p>The problem isn't specific to librechroot, I have confirmed it in 2 machines by running locale-gen inside a chroot not made by librechroot. However it prevents everything after locale-gen from occurring, with awful consequences for libremakepkg:</p>			
<pre>\$ sudo libremakepkg -n armv7h [...]</pre>			
<pre>==> Starting to build the package... /usr/bin/cp: cannot stat '/repo/repo.db': No such file or directory ==> Checking runtime dependencies... warning: database file for 'repo' does not exist ==> Installing missing dependencies... warning: database file for 'repo' does not exist error: failed to prepare transaction (could not find database) ==> ERROR: 'pacman' failed to install missing dependencies. ==> Copying log and package files out of the chroot...</pre>			

History

#1 - 2017-03-24 04:46 AM - isacdaavid

upstream report <https://bugs.launchpad.net/qemu/+bug/1673976>

#2 - 2017-05-06 03:31 AM - lukeshu

- Target version set to Better ARM support

#3 - 2017-05-07 08:46 AM - oaken-source

A workaround for the failing locale-gen call is running in the chroot:

```
# gunzip --keep /usr/share/i18n/charmaps/UTF-8.gz
```

afterwards, locale-gen succeeds:

```
# locale-gen
Generating locales...
  en_US.UTF-8... done
  de_DE.UTF-8... done
Generation complete.
```

Now, is there any way that I can take this to a working chroot? what other steps are required?

#4 - 2017-05-07 06:15 PM - isacdaavid

oaken-source wrote:

Now, is there any way that I can take this to a working chroot? what other steps are required?

Last time I checked just touching an empty `/repo/repo.db` was able to do the trick.

#5 - 2017-05-07 07:32 PM - oaken-source

yes, this appears to work. thank you!

#6 - 2017-10-24 03:30 AM - lukeshu

I wonder if this is "caused" by librechroot **not** calling setarch before calling mkarchroot; in contrast with Arch's archbuild, which **does** call setarch on mkarchroot.

#7 - 2017-10-24 06:48 AM - lukeshu

Upon further reflection, that was a dumb thought. We **can't** call setarch to ARM from x86; how could not calling it be the issue?

#8 - 2018-04-08 02:28 AM - lukeshu

- % Done changed from 0 to 100

- Status changed from open to fixed

This is fixed in current versions of things. I don't know what was causing it.