libretools - Bug #323

[chcleanup] Fails when a foreign version of a package has depends the repo version doesn't.

2013-05-07 07:48 AM - lukeshu

Status:	fixed	**% Done:**	100%
Priority:	bug		
Assignee:	lukeshu		
Category:			

Description

For example:

In my chroot, I have a libretools from [libre-testing], installed via `librechroot install-file libretools-*`, rather than enabling [libre-testing]. However, the following would still happen if I enabled [libre-testing] to install, but then disabled it.

So, I run `libremakepkg`, which runs `chcleanup`.

`chcleanup` querys the repos to find a list of all packages needed for `base-devel`.

What's interesting about this is that libretools on [libre] is not in base-devel, but the [libre-testing]/foreign version is in base-devel. It knows about the foreign version being in base-devel, so it keeps it installed, but it wants to downgrade to the version on [libre], so itonly includes the dependencies of the [libre] version. So, when it tries to remove "arch-install-scripts", "subversion", and "tokyocabinet", it fails because the installed version of libretools depends on them.

The "fix" for this might be to have `librechroot install-file` add the packages to the local repo, but I think it would be good for chcleanup to handle foreign packages properly.

History

#3 - 2013-05-14 07:38 PM - lukeshu

fixed in 20130514

#4 - 2013-05-28 05:49 PM - lukeshu

Actually not fixed as of 20130528. Thanks to alfplayer for providing a breaking case:

Enable [libre-testing]. Install libretools. Disable [libre-testing]. chcleanup will now fail because it will try to remove the deps that the [libre-testing] version of libretools has that the [libre] version doesn't.

#5 - 2013-05-28 06:08 PM - lukeshu

I'm still not sure what to do about this. Perhaps run `pacman -Qm`, and look for the related files in /var/cache/pacman/pkg, and add those to repo.db?

#6 - 2013-05-28 06:23 PM - alfplayer

I don't know if this is relevant, but just to clarify, about comment #3, libre-testing is disabled by default after librechoot make, so I couldn't have disabled it.

#7 - 2013-05-28 06:34 PM - lukeshu

alfplayer, about #5: It defaults to what your actual /etc/pacman.conf does. If it is disabled in /etc/pacman.conf, librechroot make will disable it by default. If it's enabled in /etc/pacman.conf, librechroot will enable it by default.

But if you didn't disable it, then why is the libre-testing version of libretools in your chroot?

#8 - 2013-05-28 06:59 PM - alfplayer

[libre-testing] has been enabled in the host's pacman.conf in the past weeks, so I guess it's unintended.

#9 - 2013-05-28 07:06 PM - lukeshu

I was mistaken. What I said is what it used to do, but now (unless the -C flag is used) it uses the pacman.conf from the pacman package.

#10 - 2014-01-05 02:14 AM - lukeshu

- *Status changed from open to fixed*

- *Assignee set to lukeshu*

I'm content with the solution of "there should be no foreign packages", and having everything be in [repo].