autobuilder chroot cannot initialize libalpm

Status: confirmed
Priority: broken
Assignee: oaken-source
Category:

Description
<bill-auger> <oaken-source> bill-auger: this might be related: https://bugs.archlinux.org/task/69563
<bill-auger> <oaken-source> faccessat2() was introduced in Linux 5.8, so glibc 2.33 won't work in containers on hosts that have
older kernels.
<bill-auger> <oaken-source> the failing syscall is faccessat2, as verified by strace
<bill-auger> <oaken-source> so we have to either downgrade the glibc in the chroot, or upgrade the glibc on the host
<bill-auger> IIRC you chose to downgrade glibc in the chroot
<bill-auger> <oaken-source> there is a compatibility package for glibc-2.33 on linux4
<bill-auger> <oaken-source> which doesn't include the faccessat2 system call
<bill-auger> <oaken-source> bill-auger: this fix will break next time glibc is upgraded in the chroot.
<bill-auger> ... and that was today - the autobuilder chroot auto-upgrades, and glibc got replaced

<oaken-source> fortunately, an upgraded package for the fix is available. I'm upgrading in the chroot
<oaken-source> but this will obviously keep happening until we upgrade winston
<oaken-source> the trick is to procure a glibc-linux4-$(glibc_pkgver)-$(glibc_pegrel)-x86_64.pkg.tar.zst for the most recent glibc
<oaken-source> and then pacman -U $(glibc_linux4) -r /var/lib/archbuild/autobuilder/root/