

Packages - Bug #2178

[archlinux32] packages have higher pkgrel compared to Arch packages

2019-02-16 08:30 PM - Megver83

Status:	not-a-bug	% Done:	0%
Priority:	bug		
Assignee:	lukeshu		
Category:			
<div>Description</div> <p>Arch Linux 32 packages use decimal pkgrel for their packages, which is a problem for repositories like [libre], [nonprism], [nonsystemd], and similars.</p> <p>For example, gthumb:</p> <pre>[extra] Arch Linux: 3.6.2-1 Arch Linux ARM: 3.6.2-1 Arch Linux 32: 3.6.2-1.0 [nonprism] Parabola (all arch'es): 3.6.2-1.nonprism1</pre> <p>The problem now is that for using nonprism's gthumb you will need to run pacman -Suu, which is not the idea (the same happens with a bunch of other pkgs).</p> <p>A possible solution would be that when Arch Linux 32 packages get imported, a change in pkgrel is done if its \$pkgver and \${pkgrel%.*} is the same as Arch's. In that way, users will only need to run pacman -Suu in the migration step.</p>			

History

#1 - 2019-02-17 01:00 AM - bill-auger

FWIW, another possible solution, if only arch32 does this, is to ask them to stop doing such a goofy thing

#2 - 2019-02-17 06:13 AM - eschwartz

What's goofy about it -- archlinux32 bumps the sub-version every time they modify/rebuild the package, and parabola bumps the same sub-version for the same reason, but instead of using a simple integer, parabola uses a word plus a trailing integer.

The only issue here is that two different groups of people are trying to use the same slot for different purposes, to track different update channels. And I don't even see the issue -- if you add the nonprism repo to your pacman.conf and pacman -Syuu, you will sync the version from the newly added repo, and never get offered the archlinux32 version for any reason assuming the nonprism repo has a higher priority.

It is true that when switching from one set of repos to another, you can end up with different packages -- that is why when moving from arch testing to arch stable, the recommendation is to downgrade packages using -Syuu in order to achieve consistency with the newly configured repository list.

#3 - 2019-02-17 06:15 AM - bill-auger

ok i see - i assumed that arch32 did not preserve the arch pkgrel

#4 - 2019-02-17 03:44 PM - Megver83

eschwartz wrote:

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Maybe for users isn't such a big deal, although there are always ppl who don't know (newbies and Manjaro users generally) that they've to run -Suu.

Plus, for devs working with other repos inside their librechroots, it's a PITA

#5 - 2019-02-18 04:59 AM - bill-auger

this remind me of the -C option to librechroot

```
-C <FILE>      Copy this file to `${copydir}/etc/pacman.conf`
```

i use that often to specify alternate mirrors, or to enable the arch32 [build-support] repo for example - isnt that sufficient to overcome any of these versioning quirks?

#6 - 2019-02-18 05:54 PM - Megver83

bill-auger wrote:

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[...]

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Hmmm, well, if I create a local repo in an external HDD with the fixed pkgrel, then it could work. However, idk how big should it be. I've a 300GB HDD with 235GB free (or we could create one in beefcake).

#7 - 2019-02-18 08:15 PM - bill-auger

beefcake did get a big disk upgrade yesterday - the disk with repos got an extra TB

#8 - 2019-02-18 10:41 PM - Megver83

bill-auger wrote:

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Those are good news. How can I access it? I remember that it required a LibreVPN thing, which was available through proton (R.I.P. proton :P).

#9 - 2019-02-19 03:03 PM - bill-auger

Megver83 wrote:

How can I access it?

winston is setup as the proxy exactly the same way as it was on proton - if you had it working before, just change 'proton' to 'winston'

there is (i think) about 5GB under /home/ and about 30GB for librechroots under /var/lib/ - if you need to use the big disk, create a new dir under /mnt/data/

#10 - 2019-02-19 08:13 PM - Megver83

bill-auger wrote:

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what about /opt?

#11 - 2019-02-19 08:21 PM - bill-auger

/opt is on the / disk - there is only 5GB free - i would use only a small part of that if it is essential; but leave most of that space for the system

#12 - 2019-02-23 02:02 AM - lukeshu

- Status changed from info needed to not-a-bug

Just set the [nonprism] pkgrel to arch32 pkgrel+"nonprismX"