

Packages - Bug #2404

[extra/pango] V1.44 breaks bitmap fonts.

2019-07-28 09:43 AM - pisechka

Status: confirmed	% Done: 0%
Priority: broken	
Assignee:	
Category:	
Description In xfce4 terminus-font (xos4 Terminus) broken after update.	

History

#1 - 2019-07-28 10:41 AM - freemor

- Status changed from unconfirmed to info needed

Broken how? what was the actual error
What architecture are you on x86_64, i686, arm?

#2 - 2019-07-28 10:45 AM - pisechka

freemor wrote:

Broken how? what was the actual error
What architecture are you on x86_64, i686, arm?

x86_64
Just squares instead symbols.
Gohufont too, seems problem actual for bitmap fonts.

#3 - 2019-07-28 10:55 AM - freemor

libre_hackerman on IRC pointed out it may be related to:
https://www.reddit.com/r/archlinux/comments/ciq28i/did_the_latest_pango_update_break_fonts_for/
<https://bbs.archlinux.org/viewtopic.php?id=248032>
<https://gitlab.gnome.org/GNOME/pango/issues/386>

#4 - 2019-07-28 11:03 AM - freemor

How to reproduce:

startx
open a terminal
if the problem isn't apparent right away open a dialogue to select fonts for the terminal
notice all the missing/messed up fonts.

#5 - 2019-07-28 11:05 AM - freemor

Workaround for now:
Change selected fonts to workign ones.

This is an upstream problem
From the links above they are aware and working on it
Basically a "welcome to a rolling release" type issue.

#6 - 2019-07-28 11:16 AM - freemor

- Status changed from info needed to confirmed

#7 - 2019-07-28 11:29 AM - freemor

- Subject changed from [terminus-font] broken to [extra/pango] V1.44 breaks bitmap fonts.

#8 - 2019-07-28 06:06 PM - bill-auger

- Priority changed from bug to broken

i was going to mark this as 'forwarded-upstream'; but after digging deeper into the links that libre_hackerman found, it turns out that the gnome BR mentions a BR against arch too; but it is closed as 'not-a-bug'

<https://bugs.archlinux.org/task/63297>

28 July 2019 "Not a bug" "This is intentional"

with a link to a gnome news item, describing that freetype rendering was replaced with harfbuzz, and noting that support for bitmap and type1 fonts will be sacrificed

<https://blogs.gnome.org/mclasen/2019/05/25/pango-future-directions/>
<https://github.com/harfbuzz/harfbuzz/pull/1432>

it also mentions that harfbuzz does have support for OpenType bitmap fonts; but that may take some work to add some, or at least to prune off any currently unusable bitmap fonts

#9 - 2019-07-28 06:25 PM - bill-auger

regarding the terminus font, it is one of the few options for fonts in a VT larger than microscopic on a modern mega-pixel monitor - and although the incompatible version of pango has landed, 'terminus-font' is still in [community]; so it looks like arch sees the value of keeping it (and probably others) - even if arch dropped it though, i would want to keep at least that one bitmap font package

so this issue is probably not a bug that we can do anything about; and its not a bug in gnome, pango, nor arch, but in any client that uses pango and offers incompatible fonts to the user - i suppose we should refer to the XFCE bug tracker next

#10 - 2019-07-28 06:45 PM - freemor

Yes Terminus is still great in the VT and I would second keeping it if Arch decided otherwise.

I think this just broke a lot of upstream. The terminal I use in X, Sakura also has this issue

I think a lot of bug reports are going to be flying upstream from Arch users/Dev's I'd suggest we just hold back a bit and see what goes on.

#11 - 2019-07-28 06:49 PM - freemor

I'd also suggest leaving this BR visible for a while to let people know. I suspect there'll be a certain percentage of people coming into the IRC or checking the Tracker to see what's up.

Is this a big enough thing to warrant a message on the main Parabola page?

#12 - 2019-07-28 11:42 PM - bill-auger

yea i suppose it is "bug" enough - i has the potential to affect any program that uses pango, and allows the user to select a font - im not convinced it is very important though; unless it makes some program unusable

some notable ones are: 'gtk2' 'gtk3' 'i3-wm' - GTK is the basis for MATE and LXDE for example - it could be a while before all such programs will hide fonts that pango does not support