

Software ports - Porting #852

[texlive-bin] won't build on ARM hardware (xindy/clisp memory fault)

2015-11-07 05:34 AM - isacdaavid

Status: fixed	% Done: 100%
Priority: bug	
Assignee:	
Category:	
Description	
<p>xindy is a Tex package which depends on clisp and that we provide in our texlive-bin package. I was able to build texlive-bin unmodified on QEMU-ARM, but in real hardware clisp crashes with a memory fault while trying to compile texlive-bin/src/source/utills/xindy/xindy-2.5.1/src/base.lsp.</p> <p>I attached a file with the relevant part of the build process.</p> <p>For reference, Debian had xindy for arm soft-float during wheezy, and now the sid version claims to be available for armv7 hard-float, but there's no xindy package in Debian stable according to this search [https://packages.debian.org/search?keywords=xindy&searchon=names&suite=all&section=all] (and no other package seems to include it).</p> <p>Other distros don't package xindy at all for ARM (Gentoo, Fedora, Arch ARM). The only mention of this bug I could find comes from a recent attempt to package xindy in Fedora: [https://bugzilla.redhat.com/show_bug.cgi?id=1275438#c4]</p>	

History

#1 - 2015-11-30 05:44 PM - Anonymous

- Subject changed from *texlive-bin won't build on ARM hardware (xindy/clisp memory fault)* to *[texlive-bin] won't build on ARM hardware (xindy/clisp memory fault)*

#2 - 2016-04-30 06:08 AM - isacdaavid

Interestingly, the QEMU build also failed for the same reason on a x86_64 host. It's only QEMU on i686 that can overcome it.

#3 - 2016-05-12 12:54 AM - Anonymous

- Project changed from 19 to Software ports

#4 - 2016-10-01 12:51 AM - isacdaavid

- % Done changed from 0 to 100

- Status changed from open to fixed

This was fixed a while back in abslibre with conditional compilation to disable xindy on armv7h.

Files

texlive-bin.log	7.85 KB	2015-11-07	isacdaavid
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