

Subject: Re: [gentoo-user] Helvetica fonts
From: thelma@sys-concept.com
Date: 07/03/17 23:39
To: gentoo-user@lists.gentoo.org

On 03/07/2017 03:11 PM, David W Noon wrote:

On Tue, 7 Mar 2017 14:20:54 -0700, Thelma (thelma@sys-concept.com) wrote about "Re: [gentoo-user] Helvetica fonts" (in a804e20a-da35-89f0-a70d-2e5c1d3a4616@sys-concept.com):

[snip]

It seems to me the problem is the creator of the pdf document (on my system): pdfTeX-1.40.16 or cairo 1.9.5

Cairo should not be part of the problem. It is a vector rendering library. The part of X.Org that renders text is Pango.

Viewing these document via evince, gv, gimp etc it show normal, nice fonts; but when I open (same document) locally created via "flpsed" the fonts are very rough.

When I try to open any other PDF file via "flpsed", not created by me, the fonts are nice looking.

Okay, I think we are getting somewhere now.

If evince shows the documents well, but flpsed does not, it would seem to me that the documents contain ambiguous font information. The other PDF viewers [evince, gv, etc.] seem able to resolve the ambiguity, but flpsed does not. This would indicate that the documents are not well formed.

Can you try another PDF builder, such as LibreOffice or OpenOffice?

If flpsed renders these PDF's well then your PDF builder is at fault. It is putting into the documents font specifications that do not match the installed fonts. The other PDF viewers possibly use a fuzzy matching algorithm that overcomes the ambiguity to select a suitable font.

Yes, I think this is the correct conclusion.

I created PDF file using OpenOffice:

Creator: OpenOffice 4.1.2

and flpsed displays the fonts very nice.

The two PFD documents that I created using both versions of Firefox:

www-client/firefox

www-client/firefox-bin

from pdffinfo:

Producer: cairo 1.9.5 (using Firefox)

Producer: pdfTeX-1.40.16 (using Firefox)

Both files are having problem viewing fonts using "flpsed".

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Thelma

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