

Re: msttcorefonts install breaks FC6 printing, help!

Source: <http://linux.derkeiler.com/Mailing-Lists/Fedora/2007-01/msg03757.html>

- *From:* Gene Heskett <gene.heskett@xxxxxxxxxxx>
 - *Date:* Thu, 25 Jan 2007 11:00:59 -0500
-

On Thursday 25 January 2007 07:13, Craig White wrote:

On Thu, 2007-01-25 at 03:01 -0500, Gene Heskett wrote:

Greetings;

I installed the msttcorefonts-2.0.1-noarch.rpm 2 nights ago, and now see that amanda is unable to print her backup reports. From the looks of the error, nothing will print, and I now have 2 amanda printouts sitting in the print queue, all failing with an Invalid fonts in findfonts error.

When the rpm ran its postinstall thing, it only does two things, wrapped in bash conditionals:

```
/usr/sbin/chkfontpath --add /usr/share/fonts/msttcorefonts
```

which apparently runs ok, no errors are reported.

But then it runs

```
/usr/bin/fc-cache which spits out this:
```

```
/usr/share/fonts: failed to write cache  
/usr/share/fonts/bitmap-fonts: failed to write cache  
/usr/share/fonts/bitstream-vera: failed to write cache  
/usr/share/fonts/default: failed to write cache  
/usr/share/fonts/default/Type1: failed to write cache  
/usr/share/fonts/default/ghostscript: failed to write cache  
/usr/share/fonts/dejavu-lgc: failed to write cache  
/usr/share/fonts/japanese: failed to write cache  
/usr/share/fonts/japanese/TrueType: failed to write cache  
/usr/share/fonts/japanese/misc: failed to write cache  
/usr/share/fonts/msttcorefonts: failed to write cache  
/usr/share/fonts/perl: failed to write cache  
/root/.fonts: failed to write cache  
/root/.fonts/kde-override: failed to write cache  
/usr/local/share/fonts: failed to write cache
```

straceing fc-cache shows that the files its looking for do not exist on this system, here is the stanza for /root/.fonts/kde-override:

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```
open("/root/.fonts/kde-override/._fonts.dir", O_RDONLY) = -1 ENOENT
(No such file or directory)
open("/root/.fonts/kde-override/%fonts.dir", O_RDONLY) = -1 ENOENT
(No
such file or directory)
open("/root/.fonts/kde-override/.AppleDouble/fonts.dir", O_RDONLY) =
-1 ENOENT (No such file or directory)
open("/root/.fonts/kde-override/fonts.dir/rsrc", O_RDONLY) = -1
ENOTDIR (Not a directory)
open("/root/.fonts/kde-override/resource.frk/fonts.dir", O_RDONLY) =
-1 ENOENT (No such file or directory)
open("/root/.fonts/kde-override/.resource/fonts.dir", O_RDONLY) = -1
ENOENT (No such file or directory)
```

And I assume its the same for the others listed above since those files/dirs do not exist:

```
[root@coyote ~]# ls -la /root/.fonts/kde-override
total 36
drwxr-xr-x 2 root root 4096 Sep 29 2004 .
drwxr-xr-x 3 root root 4096 Dec 24 2004 ..
-rw-r--r-- 1 root root 3784 Jun 30 2002 cursor.pcf.gz
-rw-r--r-- 1 root root 0 Jan 5 2005 fonts.cache-1
-rw-r--r-- 1 root root 23 Jan 21 17:15 fonts.dir
```

You'll recall I ran the selinux utility 'fixfiles' several days ago also. But this apparently started with the failed installation postinstall of msttcorefonts.

So whats the rescue procedure here folks?, I have jobs piling up in the print queue from the findfont error.

ISTR we used to have a fixfonts utility, but that puppy seems to be on the missing list here. Was it deprecated?

Thanks for any clues/cluebats.

the errors you list include paths that would have only come from a Macintosh (rsrc / resource.frk / .AppleDouble) and that Macintosh cruft doesn't seem to be very agreeable to findfont. Did you copy some fonts from a Macintosh before you installed the msttcorefonts?

Craig

No, not to my knowledge Craig. For this install, and this has been true since the install plus a day or so, the only extra stuff was to copy a bunch of fonts from my old FC2 drive that I had downloaded from goldenweb.it (a great font source BTW) over the last 3 or so years. They

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all showed up for use in OOo-2.0.x as soon as copied. All the other fonts on this system were installed by yumex from fedora repos with the possible addition of a livna or atrpms package but I sure don't remember clicking on any fonts from either in recent (last month or so) history.

Can I nuke those? Duh, silly Q, they don't exist in the first place. I suppose I can rerun the strace and back up to the top, looking for hints of where it may be picking up these erroneous paths, but that's a 10 megabyte strace! Hints gleefully checked out as that would be a rather painfull search.

Did that, (had to increase the history to 1,000,000 lines) traced down to the first failure, after it had successfully opened every font in the /usr/share/fonts/bitmap-fonts directory, and the failure appears to be:

```
stat64("/usr/share/fonts/bitmap-fonts", {st_mode=S_IFDIR|0766,
st_size=4096, ...}) = 0
write(2, "/usr/share/fonts/bitmap-fonts: f"...
53/usr/share/fonts/bitmap-fonts: failed to write cache
) = 53
```

The drive has 80GB free, and the ls -la of that dir is:

```
[root@coyote src]# ls -la /usr/share/fonts/bitmap-fonts
total 7216
drwxrw-rw- 2 root root 4096 Nov 9 08:35 .
drwxrw-rw- 9 root root 4096 Jan 25 02:12 ..
-rwxrw-rw- 1 root root 654344 Jul 12 2006 10x20.pcf
-rwxrw-rw- 1 root root 182064 Jul 12 2006 4x6.pcf
-rwxrw-rw- 1 root root 239812 Jul 12 2006 5x7.pcf
-rwxrw-rw- 1 root root 220944 Jul 12 2006 5x8.pcf
-rwxrw-rw- 1 root root 244424 Jul 12 2006 6x10.pcf
-rwxrw-rw- 1 root root 270480 Jul 12 2006 6x12.pcf
-rwxrw-rw- 1 root root 237596 Jul 12 2006 6x13B.pcf
-rwxrw-rw- 1 root root 495964 Jul 12 2006 6x13.pcf
-rwxrw-rw- 1 root root 218096 Jul 12 2006 6x9.pcf
-rwxrw-rw- 1 root root 219064 Jul 12 2006 7x14B.pcf
-rwxrw-rw- 1 root root 353836 Jul 12 2006 7x14.pcf
-rwxrw-rw- 1 root root 284372 Jul 12 2006 9x15B.pcf
-rwxrw-rw- 1 root root 565716 Jul 12 2006 9x15.pcf
-rwxrw-rw- 1 root root 209924 Jul 12 2006 9x18B.pcf
-rwxrw-rw- 1 root root 618112 Jul 12 2006 9x18.pcf
-rwxrw-rw- 1 root root 193804 Jul 12 2006 console8x16.pcf
-rwxrw-rw- 1 root root 149408 Jul 12 2006 console8x8.pcf
-rwxrw-rw- 1 root root 522564 Jul 12 2006 console9x15.pcf
-rwxrw-rw- 1 root root 65488 Jul 12 2006 lutBS08.pcf
-rwxrw-rw- 1 root root 72040 Jul 12 2006 lutBS10.pcf
-rwxrw-rw- 1 root root 77124 Jul 12 2006 lutBS12.pcf
-rwxrw-rw- 1 root root 80584 Jul 12 2006 lutBS14.pcf
-rwxrw-rw- 1 root root 90248 Jul 12 2006 lutBS18.pcf
-rwxrw-rw- 1 root root 94608 Jul 12 2006 lutBS19.pcf
```

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```
-rwxrw-rw- 1 root root 104852 Jul 12 2006 lutBS24.pcf
-rwxrw-rw- 1 root root 65440 Jul 12 2006 lutRS08.pcf
-rwxrw-rw- 1 root root 71740 Jul 12 2006 lutRS10.pcf
-rwxrw-rw- 1 root root 76904 Jul 12 2006 lutRS12.pcf
-rwxrw-rw- 1 root root 80556 Jul 12 2006 lutRS14.pcf
-rwxrw-rw- 1 root root 89500 Jul 12 2006 lutRS18.pcf
-rwxrw-rw- 1 root root 92320 Jul 12 2006 lutRS19.pcf
-rwxrw-rw- 1 root root 103776 Jul 12 2006 lutRS24.pcf
```

And that all looks world writable to me.

If this isn't enough data, just ask.

Here is an interesting item, the DESCRIPTION in that rpm:

=====

The TrueType core fonts for the web that was once available from <http://www.microsoft.com/typography/fontpack/>. The src rpm is cleverly constructed so that the actual fonts are downloaded from Sourceforge's site at build time. Therefore this package technically does not 'redistribute' the fonts, it just makes it easy to install them on a linux system.

=====

I didn't notice any lags, and the fonts are in the rpm, and they are installed. But something sure is giving fc-cache a belly ache. And I'd darned sure call that rpm a re-distribution since the fonts are in fact in it.

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Cheers, Gene

"There are four boxes to be used in defense of liberty:
soap, ballot, jury, and ammo. Please use in that order."

-Ed Howdershelt (Author)

Yahoo.com and AOL/TW attorneys please note, additions to the above message by Gene Heskett are:

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