Subject: Re: Installing 6.2 on Fedora Core 5
Posted by David Fanning on Sat, 25 Mar 2006 04:11:51 GMT

Mirko writes:

> I am starting to appriciate my Windows machine at work.

You have my deepest sympathy. It took me most of two
weeks to get my Fedora Core 4 installation working. A great
deal of my ranting and raving was unleashed on the public
in this forum a month or so ago. However, I'm confident
that with everything I know now, I could probably do it
in 14 days if I had to do it again. :-)

Cheers,

David

--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.dfanning.com/

Subject: Re: Installing 6.2 on Fedora Core 5
Posted by Foldy Lajos on Sat, 25 Mar 2006 09:33:30 GMT

Hi,

FC5 has many "compat" packages, I guess you need compat-libstdc++-33-3.2.3.

regards,
lajos

On Sat, 24 Mar 2006 phaccount@nycap.rr.com wrote:

> I am starting to appriciate my Windows machine at work. I get an IDL
> CD, pop it into the drive, run the installation, point it to the
> license file, and I'm done.
>
> Meanwhile, back at the ranch, I downloaded the IDL distro, unpacked it
> and ./install-ed it (never mind that I could not do it by su -c
> ./install, because an "echo ..." statement in yesno script was causing
> trouble, so I had to login as root).

>
> Then my license file failed to impress the license manager (my platform
> is i86_re, and my license was for i86_r). However (and THANK YOU RSI),
> the license file in my account was updated to include i86_re, so I
> downloaded that, and IDL runs.
>
> But now, if I try to run an iTool, IDL complains about a missing
> "libstdc++.so.5" file. It turns out that I have "libstdc++.so.6" file.
> Assuming (foolishly?) backward compatibility tried to trick IDL, I
> created a soft link from .6 to .5.
>
> No luck, since now I get a message GLIBCPP_3.2 is not found (recquired
> by idl_xml.so).
>
> If RSI were to drop linux/unix support, I may have an inkling why.
>
> BTW, does anyone have any ideas how to proceed? My Unix programming
> skills are close to zero (thanks to tools such as IDL).
>
> Cheers,
>
> Mirko
>
> PS. Oh, and why am I installing IDL on Linux? Well, as the person
> that makes the big bucks in our family, I get the crappy computer. My
> wife has a dual-core Dell, daughters a 2.4GHz gateway, and I was handed
> down an old (I am not going to admit to the processor speed) PC running
> W98 (Second Edition), not supported anymore by RSI.
>
> For my stuff, I really don't need super-fancy stuff. Heck, I did my
> PhD on a 200MHz Alpha 11 years ago, and it was mostly IDL.
>
> And now, if you excuse me, I'll go of into the sunset of irrelevance
> and go practice my guitar:-)
>
>

Subject: Re: Installing 6.2 on Fedora Core 5
Posted by Phony Account on Sat, 25 Mar 2006 12:34:12 GMT
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Thank you both David and Layos.

I'll do some digging on the group to find David's old posts, and try
to learn about the compat packages.

Mirko

> I am starting to appriciate my Windows machine at work. I get an IDL
> CD, pop it into the drive, run the installation, point it to the
> license file, and I'm done.

Then why not use a Windows machine if Linux gives you so much grief?
You do realize that maybe, just maybe, one reason that things didn't
work right out of the gate is because Fedora Core 5 was released just a
few days ago? You know, there might have been an update or two to some
of the system libraries in the new release. ;-)

If you take a look at the release notes for IDL 6.2 you'd see that the
supported platforms are Redhat Enterprise Linux 3.x and Fedora Core 3.
Because the IDL binaries are linked against the libraries distributed
with Fedora Core 3, you will typically need to install compatibility
packages if you upgrade to a later version. The compatibility packages
provide the functionality that was deprecated so that programs built
against the old libraries will continue to work correctly. As a user,
it probably seems nothing more as an annoyance, but it's a really nice
and valuable feature for those working on the development of the OS and
the core libraries.

All that you should need to do is install the appropriate compatibility
package for FC5. I'm in the dark ages and still running FC4, but I had
to install compat-libstdc++-33 when I first got FC4. I don't know if
that package name is the same for FC5 or not. If you use yum to handle
system updates, you can lookup the precise name of the package with: yum
list compat-libstdc++*

Install that package and things should be able to rock and roll.

> But now, if I try to run an iTool, IDL complains about a missing
> "libstdc++.so.5" file. It turns out that I have "libstdc++.so.6" file.
> Assuming (foolishly?) backward compatibility tried to trick IDL, I
> created a soft link from .6 to .5.

"Foolishly" is correct. Version numbers exist for a reason and changing
them or linking too them like that can cause all sorts of havoc. I once
saw a guy bring down a machine to where it was unbootable trying such a
trick. And the trick hardly ever works as well.

> If RSI were to drop linux/unix support, I may have an inkling why.

Oh, don't be silly. If they dropped *nix support there would be mass

hysteria and pandemonium. ;-)

-Mike

Subject: Re: Installing 6.2 on Fedora Core 5
Posted by Phony Account on Mon, 27 Mar 2006 02:35:45 GMT
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I cannot Mike's reply rest unanswered, and for the countless
generations to think that I am a total incompetent fool when I am only
just a fool :-)

1) The reason I installed linux was to be able to run IDL on my old PC.
 Although I earn a bit more than during my grad student days, I still
prefer to waste a few days installing Linux instead of buying an OS
upgrade, or even a $500 PC.

2) I went for FC5 because that was the only way I could make my
wireless card work. The MadWiFi rpm's were compatible with the kernel.
The MadWiFi rpms for FC4 were incompatible with the kernel that I got
when I downloaded FC4. I could have compiled the MadWiFi software, but
I took what I thought was an easier route.

3) With all that said and done, thanks for the post Mike. I'll listen
to your advice.

Mirko

Subject: Re: Installing 6.2 on Fedora Core 5
Posted by Michael Wallace on Mon, 27 Mar 2006 02:46:55 GMT
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phaccount@nycap.rr.com wrote:
> I cannot Mike's reply rest unanswered, and for the countless
> generations to think that I am a total incompetent fool when I am only
> just a fool :-)

Wasn't trying to make you look incompetent, just trying to add a little
levity to this place. :-)

-Mike

Subject: Re: Installing 6.2 on Fedora Core 5

Posted by Phony Account on Mon, 27 Mar 2006 15:49:21 GMT

Oh don't worry. Only I am competent enough to make myself look incompetent :-)

I took your comments in a positive note.

Thanks,

Mirko

Subject: Re: Installing 6.2 on Fedora Core 5
Posted by MP on Mon, 27 Mar 2006 18:50:17 GMT

Hi Mirko,

FWIW, I've copied /usr/lib/libstdc++.so.5.0.7 from my FC3 installation into both FC4 and FC5, then symlinked it to libstdc++.so.5. I know this isn't proper, but, well, Linux is for tinkerers & this works.

Mark