
Subject: Re: Linux Help Needed
Posted by [Foldy Lajos](#) on Tue, 24 Jan 2006 06:16:47 GMT
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Hi David,

libXp belongs to X11, but it is not installed by default :-(
Try to install xorg-x11-deprecated-libs from your install CD.

regards,
lajos

On Mon, 23 Jan 2006, David Fanning wrote:

> Folks,
>
> Partly so I could feel the pain in the Linux user, and
> partly because I'm a masochist at heart, I decided to
> download IDL on a Linux machine.
>
> I spent the better part of an evening downloading the
> latest Fedora Core 4 Linux OS and put it on an old Dell
> laptop. I still don't have a mouse working, but the touch
> pad is OK, and everything else seems to be in order, so
> I downloaded the latest IDL from the RSI web page and
> followed the installation instructions to the letter.
> No problems there.
>
> But when I go to run IDL I get a message about "error
> loading shared library: libXp.so.6. No such file or directory".
> It is looking for it in the /usr/local/rsi/idl_6.2/bin/bin.linux.86
> directory, and, sure enough, it is not there.
>
> Any ideas what I am doing wrong here?
>
> Any idea how I might get a mouse working?
>
> Thanks,
>
> David
>
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
>

Subject: Re: Linux Help Needed
Posted by [David Fanning](#) on Tue, 24 Jan 2006 14:17:04 GMT
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Lajos writes:

> libXp belongs to X11, but it is not installed by default :-(
> Try to install xorg-x11-deprecated-libs from your install CD.

Uh-huh. I'll try that. :-(

I'm already feelin' the pain...

Thanks,

David

--

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

Subject: Re: Linux Help Needed
Posted by [David Fanning](#) on Tue, 24 Jan 2006 15:02:51 GMT
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Lajos writes:

> libXp belongs to X11, but it is not installed by default :-(
> Try to install xorg-x11-deprecated-libs from your install CD.

Ok, that wasn't so hard. I found the xorg-x11-deprecated-libs package on Disk 2 of Fedora Core 4, double-clicked it and it installed itself. Then I logged out and logged back on and tried IDL again now.

Here is the new error when I type "idl":

```
.../libidl.so.62 cannot restore segment prot after reloc:  
Permission denied.
```

Any ideas what this means?

Thanks,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
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Subject: Re: Linux Help Needed
Posted by [Foldy Lajos](#) on Tue, 24 Jan 2006 15:35:27 GMT
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Hi David,

for "cannot restore segment prot after reloc:" Google shows an RSI tech.
tip:

<http://www.rsinc.com/services/techtip.asp?ttid=3092>

regards,
lajos

On Tue, 24 Jan 2006, David Fanning wrote:

> Lajos writes:
>
>> libXp belongs to X11, but it is not installed by default :-(
>> Try to install xorg-x11-deprecated-libs from your install CD.
>
> Ok, that wasn't so hard. I found the xorg-x11-deprecated-libs
> package on Disk 2 of Fedora Core 4, double-clicked it and
> it installed itself. Then I logged out and logged back on
> and tried IDL again now.
>
> Here is the new error when I type "idl":
>
> .../libidl.so.62 cannot restore segment prot after reloc:
> Permission denied.
>
> Any ideas what this means?
>
> Thanks,
>
> David
>
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
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>

Subject: Re: Linux Help Needed
Posted by [David Fanning](#) on Tue, 24 Jan 2006 16:37:10 GMT
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Lajos writes:

> for "cannot restore segment prot after reloc:" Google shows an RSI tech.
> tip:
>
> <http://www.rsinc.com/services/techtip.asp?ttid=3092>

Hooray!!

OK, on to IDLWAVE! Hope you guys don't mind me asking questions on this newsgroup. I've heard people here are tolerant of newbies. :-)

Cheers,

David

P.S. On a sadder note, I'm fooling around with this because I can't really concentrate on anything else. My office companion and friend for the past 12 years is having seizures this morning, and the day I have been dreading for a while now can't be far off. I'm not sure I can write IDL programs without this dog at my feet.

--

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

Subject: Re: Linux Help Needed
Posted by [Michael Wallace](#) on Tue, 24 Jan 2006 16:55:46 GMT
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> But when I go to run IDL I get a message about "error
> loading shared library: libXp.so.6. No such file or directory".
> It is looking for it in the /usr/local/rsi/idl_6.2/bin/bin.linux.86
> directory, and, sure enough, it is not there.

Hey David, I know you already found the library, but there's a handy

little tool on Fedora/Redhat systems (and others based on rpm packages) called yum. Once it's set up, you can do fun stuff like "yum provides libXp" and you'll get back a list of all the packages that have some file or feature matching the name "libXp". It's just really handy when you're trying to figure out what package provides a certain file.

-Mike

Subject: Re: Linux Help Needed
Posted by [David Fanning](#) on Tue, 24 Jan 2006 17:03:21 GMT
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Michael Wallace writes:

> Hey David, I know you already found the library, but there's a handy
> little tool on Fedora/Redhat systems (and others based on rpm packages)
> called yum. Once it's set up, you can do fun stuff like "yum provides
> libXp" and you'll get back a list of all the packages that have some
> file or feature matching the name "libXp". It's just really handy when
> you're trying to figure out what package provides a certain file.

I'm playing around a little bit with yum now. For example, I have Firefox 1.0.4 installed (default from FC4). But I've used yum to see that there is a package available for Firefox 1.0.7. I've tried to install that (with yum) but failed. And what I would *really* like to install is Firefox 1.5. I've downloaded that installation from the Mozilla web page, but cannot for the life of me see where to place it so it gets recognized. I can't tell where yum has installed things!

I'm reading the Yum documentation, but I'm pretty sure it thinks I know more about this than I do. :-)

Cheers,

David

--

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

Subject: Re: Linux Help Needed
Posted by [David Fanning](#) on Tue, 24 Jan 2006 17:15:09 GMT

David Fanning writes:

- > I'm playing around a little bit with yum now. For example,
- > I have Firefox 1.0.4 installed (default from FC4). But
- > I've used yum to see that there is a package available
- > for Firefox 1.0.7. I've tried to install that (with yum)
- > but failed

Whoops! I just didn't wait long enough. Did I mention this is a SLOW machine with a totally inadequate hard drive? :-)

Still working on 1.5, however.

Thanks for everyone's help.

Cheers,

David

--

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

Subject: Re: Linux Help Needed
Posted by [Nigel Wade](#) on Tue, 24 Jan 2006 17:28:11 GMT
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FÖLDY Lajos wrote:

- > Hi David,
- >
- > for "cannot restore segment prot after reloc:" Google shows an RSI tech.
- > tip:
- >
- > <http://www.rsinc.com/services/techtip.asp?ttid=3092>
- >
- > regards,
- > lajos
- >

Of the options listed there I'd recommend the 2nd. - disable SELinux.

Until SELinux matures, and RedHat/Fedora manage to make it work reliably (and

not break the system every time they release a new update) your system is much more likely to work with it disabled. Unless you are operating network servers (http, smtp, ftp etc.) the chances of it making the slightest difference to the security of your system are about zero.

Alternatively you can switch to permissive mode, in which SELinux doesn't enforce the rules, simply logs violations to the system log, so you can fix the mistakes yourself... ;-)

--

Nigel Wade, System Administrator, Space Plasma Physics Group,
University of Leicester, Leicester, LE1 7RH, UK

E-mail : nmw@ion.le.ac.uk

Phone : +44 (0)116 2523548, Fax : +44 (0)116 2523555
