
Subject: Problems with IDL on Fedora Core 7

Posted by [Luiz Angioletti](#) on Thu, 16 Aug 2007 19:22:10 GMT

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Hi there folks,

It has been a while since I've subscribed to this group, and since then I've had no major contact with IDL besides installation process and reading the IDL Online Help.

Today I decided to try a few things on IDL and see how it would work. Seems to me that I've a problem.

I've started with the first example of the IDL online help, 'interactivestretch.pro'. It didn't even compile. The CPU usage went thru the roof, and then the kernel killed the process.

The code is the following:

FUNCTION stretchImage, img, value

;Stretch image by input amount

image = img > value

RETURN, image

end

;---Begin \$MAIN\$ program. -----

;Display the image, solicit threshold value and display new results.

;set up display.

DEVICE, DECOMPOSED = 0, RETAIN = 2

LOADCT, 0

;Access image data and display.

img = READ_PNG(FILEPATH('mineral.png'), \$
SUBDIRECTORY = ['examples', 'data'])

dims = SIZE(img, /DIMENSIONS)

WINDOW, 0, XSIZE = dims[0], YSIZE = dims[1]

TVSCL, img

; Ask for a threshold value and stretch image.

READ, threshold, PROMPT='Enter numerical value: '

newImg = stretchImage(threshold, img)

;Display the results.

TVSCL, newImg

END

I've no idea what happened.

I run Fedora Core 7 on a Pentium4 2.4GHz, 2GB RAM. I had to install a few things and make a few adjustments to my Fedora so I could run IDL.

Thanks, and I'm sorry about any ugly English error.

Luiz Angioletti.

Subject: Re: Problems with IDL on Fedora Core 7
Posted by [Foldy Lajos](#) on Thu, 16 Aug 2007 19:45:49 GMT
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On Thu, 16 Aug 2007, Luiz Angioletti wrote:

> I run Fedora Core 7 on a Pentium4 2.4GHz, 2GB RAM. I had to install
> a few things and make a few adjustments to my Fedora so I could run
> IDL.

This tech tip will be useful for Fedora 7 users:

<http://www.ittvis.com/services/techtip.asp?ttid=4228>

regards,
lajos

Subject: Re: Problems with IDL on Fedora Core 7
Posted by [Wox](#) on Fri, 17 Aug 2007 14:27:11 GMT
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On Thu, 16 Aug 2007 19:22:10 -0000, Luiz Angioletti
<luizfelipeasouares@gmail.com> wrote:

> I run Fedora Core 7 on a Pentium4 2.4GHz, 2GB RAM. I had to install
> a few things and make a few adjustments to my Fedora so I could run
> IDL.

I have no problem with Fedora 7 and Direct Graphics (IDL 6.4) Did the "few things" you mention have anything to do with video card drivers?

Subject: Re: Problems with IDL on Fedora Core 7
Posted by [Luiz Angioletti](#) on Fri, 24 Aug 2007 18:47:59 GMT
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On Aug 17, 11:27 am, Wox <nom...@hotmail.com> wrote:
> On Thu, 16 Aug 2007 19:22:10 -0000, Luiz Angioletti
>
> <luizfelipeasoa...@gmail.com> wrote:
>> I run Fedora Core 7 on a Pentium4 2.4GHz, 2GB RAM. I had to install
>> a few things and make a few adjustments to my Fedora so I could run
>> IDL.
>
> I have no problem with Fedora 7 and Direct Graphics (IDL 6.4) Did the
> "few things" you mention have anything to do with video card drivers?

Actually, I've to install the Nvidia driver. Thx.

Subject: Re: Problems with IDL on Fedora Core 7
Posted by [Luiz Angioletti](#) on Mon, 27 Aug 2007 14:07:21 GMT
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Wox,

Since you're not experiencing any troubles, I'd like to know what were the measures taken when you tried to install IDL 6.4 on FC 7.

I run IDL 6.3, and have to add/update/downgrade the following packages so I can get started. If you could send me your judgment over my configuration, I'd appreciate.

compat-libstdc++-8-3.3.4.2.i386.rpm
xorg-x11-deprecated-libs-6.8.1-12.i386.rpm

Plus: Nvidia driver (so far, just the one from livna repositories)

I've experienced a few problems with the 'compiz' feature of FC 7, and I'll probably reinstall the system on one machine because of that (that was the conclusion of quite a few posts at one forum over FC7).

Best regards.

Subject: Re: Problems with IDL on Fedora Core 7
Posted by [Luiz Angioletti](#) on Mon, 27 Aug 2007 15:15:22 GMT
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Ok... Update.

I've installed the NVIDIA driver suggested on :
<http://www.ittvis.com/services/techtip.asp?ttid=4228>

I've already tried all the workarounds for the problem...

Nothing yet.

I really don't wanna have to install FC3 on such a good machine....

Thx.

Subject: Re: Problems with IDL on Fedora Core 7
Posted by [Anna Kowalska](#) on Sat, 08 Sep 2007 23:26:01 GMT
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Via: <http://www.jumlers.com/comp.lang.idl-pvwave/>

Subject: Re: Problems with IDL on Fedora Core 7
Posted by [Anna Kowalska](#) on Sat, 08 Sep 2007 23:31:01 GMT
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I have similar problem
my laptop: ASUS 3000
graphic card: Intel....so i cannot follow the tips from the web page
<http://www.ittvis.com/services/techtip.asp?ttid=4228>
(however i tried and it didn't work of course)

so my problem is the following:
Whenever i type in IDL command line TV or TVSCL etc. IDL crushes
and no error appear in the terminal
however PLOT SURFACE FLOW3 work fine
i dono whats going on

please,help i'm desperate :(

Subject: Re: Problems with IDL on Fedora Core 7
Posted by [Anna Kowalska](#) on Sat, 08 Sep 2007 23:32:00 GMT

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i forgot
my distribution is fedora 7

Subject: Re: Problems with IDL on Fedora Core 7
Posted by [Anna Kowalska](#) on Sun, 09 Sep 2007 07:42:02 GMT
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cab anyone help me with this please

Subject: Re: Problems with IDL on Fedora Core 7
Posted by [jkj](#) on Sun, 09 Sep 2007 17:39:36 GMT
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On Sep 9, 2:42 am, Anna Kowalska <ja...@user.jumlers.com> wrote:
> cab anyone help me with this please

The thing I repetitively do on Fedora (5/6/, haven't tried direct
graphics on 7 yet):

```
rpm -e --nodeps libX11.i386
rpm -i libX11-1.0.3-6.fc6.i386.rpm
export MALLOC_CHECK_=0
export LIBGL_ALWAYS_INDIRECT=1
```

...of course, all of that came from researching a Tech Tip like the
one you referenced above, so if the above doesn't work for you, I'm
not sure what else to suggest (I downloaded the libX11 RPM from
" <http://download.fedora.redhat.com/pub/fedora/linux/core/updates/6/i386/libX11-1.0.3-6.fc6.i386.rpm>")

Good luck,
-Kevin

Subject: Re: Problems with IDL on Fedora Core 7
Posted by [Luiz Angioletti](#) on Wed, 19 Sep 2007 14:25:51 GMT
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On Sep 9, 2:39 pm, jkj <ke...@vexona.com> wrote:
> On Sep 9, 2:42 am, Anna Kowalska <ja...@user.jumlers.com> wrote:
>
>> cab anyone help me with this please
>

> The thing I repetitively do on Fedora(5/6/, haven't tried direct
> graphics on yet):
>
> rpm -e --nodeps libX11.i386
> rpm -i libX11-1.0.3-6.fc6.i386.rpm
> export MALLOC_CHECK_=0
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> ...of course, all of that came from researching a Tech Tip like the
> one you referenced above, so if the above doesn't work for you, I'm
> not sure what else to suggest (I downloaded the libX11 RPM from
> " [http://download.fedora.redhat.com/pub/fedora/linux/core/updates/6/
> i386/libX11-1.0.3-6.fc6.i386.rpm](http://download.fedora.redhat.com/pub/fedora/linux/core/updates/6/i386/libX11-1.0.3-6.fc6.i386.rpm)")
>
> Good luck,
> -Kevin

Hi there,

I solved my problem, apparently, upgrading to IDL 6.4. Seems fine.

Best regards.

Luiz.
