Subject: Problems with IDL on Fedora Core 7 Posted by Luiz Angioletti on Thu, 16 Aug 2007 19:22:10 GMT View Forum Message <> Reply to Message

Hi there folks.

It has been a while since I've subscripted 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, newlmg

Ε	IN														

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
View Forum Message <> Reply to Message

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

View Forum Message <> Reply to Message

On Thu, 16 Aug 2007 19:22:10 -0000, Luiz Angioletti luizfelipeasoares@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 View Forum Message <> Reply to Message

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 View Forum Message <> Reply to Message

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

View Forum Message <> Reply to Message

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

View Forum Message <> Reply to Message

--

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
View Forum Message <> Reply to Message

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 termianal
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 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
View Forum Message <> Reply to Message

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

View Forum Message <> Reply to Message

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/upda tes/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
View Forum Message <> Reply to Message

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 onFedora(5/6/, haven't tried direct
  graphics on7yet):
> 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/upda tes/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.
```