
Subject: Re: IDL crashes/hangs while reading images
Posted by [R.Bauer](#) on Sat, 03 Apr 2004 18:04:38 GMT
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Gauri wrote:

```
> Hi,
>
> I am a newbie here! I have just started using idl for image
> processing. I encountered following fatal problems:
>
> # I can't read any image. I first tried to read it using READ_IMAGE.
> Following is the output.
>
> IDL> image = read_image('orion.jpg')
> % Compiled module: READ_IMAGE.
> % Compiled module: QUERY_IMAGE.
> % Loaded DLM: JPEG.
> Segmentation fault
>
> Here idl quits and I am back to my command prompt.
> I tried with READ_JPEG,'orion.jpg',image. But it just hangs after
> saying 'Loaded DLM: JPEG'. It's problem with .png image too.
>
> # I just discovered that XPLOT3D procedure also doesn't work. It also
> hangs.
>
> I have RH-9 on my laptop. And I am using IDL 5.5. It seems to me that
> my linux is missing some libs or something like that.
>
> Has anybody faced this problem before? Any help is appreciated.
>
> Gauri.
>
> (PS: I already posted this message on comp.lang.idl 2 days back, but I
> still don't see it there. So sorry for repetition, but need to do it.)
```

comp.lang.idl-pvwave is the right place.

Please could you show what query_image returns

Reimar

--
Forschungszentrum Juelich
email: R.Bauer@fz-juelich.de

<http://www.fz-juelich.de/icg/icg-i/>

=====

a IDL library at Forschungszentrum Juelich
http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro.html

Subject: Re: IDL crashes/hangs while reading images
Posted by [gkulkarn](#) on Sun, 04 Apr 2004 02:25:09 GMT
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QUERY_IMAGE also hangs. Here is the output.

```
IDL> result = query_image('orion.jpg',orion_info)
% Compiled module: QUERY_IMAGE.
% Loaded DLM: JPEG.
```

Gauri.

Reimar Bauer <R.Bauer@fz-juelich.de> wrote in message
news:<c4mtok\$a141\$1@zam602.zam.kfa-juelich.de>...

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> Reimar

Subject: Re: IDL crashes/hangs while reading images
Posted by [Paul Van Delst\[1\]](#) on Mon, 05 Apr 2004 13:59:19 GMT
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Hello,

Email a description of your problem to support@rsinc.com along with your license/installation number (found at the top of the license file) and other contact info.

I recently experienced a problem where *any* invocation of an iTool crashed IDL. It took about a day or so of about three back and forth emails between me and one of the IDL

support blokes and the problem was solved. The IDL suport engineering types are a good sort - very thorough in my experience.

I consider the segfaulting of IDL the same as an "internal compiler error" in a compiler - there's a bug and the vendor needs to fix it. Unfortunately for your case, it may be that IDL 5.5 simply isn't supported (or supportable) under RH9. A potentially simple solution might be to upgrade to IDL 6.0 - but beware that you will then lose any useful (built-in) online help. Last time I checked (last week), the Search plug-in for Acrobat reader wasn't available for linux systems (and if anyone is aware of the contrary, please please let me know!)

paulv

Subject: Re: IDL crashes/hangs while reading images
Posted by [gkulkarn](#) on Wed, 07 Apr 2004 18:24:00 GMT
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Hello,

Paul has been right. IDL 5.5 seems to be unsupported on red hat 9.0. I emailed RSI. They tried to read image using 5.5 with RH 9.0, and they too got the segfault. They say that officially IDL is not supported on RH 9.0 until the version 6, but the version 5.6 works perfectly on RH 9.0. So I have upgraded IDL to 5.6 and it has been working great!

So folks, add another woe to you RH 9.0 'woe-list': 'IDL 5.5 and RH 9.0 do not go hand in hand!'.

Thanks to all those who replied!

Gauri.

Paul Van Delst <paul.vandelst@noaa.gov> wrote in message
news:<[c4rpi8\\$b01\\$1@news.nems.noaa.gov](mailto:c4rpi8$b01$1@news.nems.noaa.gov)>...

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