
Subject: IDL crashing on call of TV

Posted by [Ingo von Borstel](#) on Thu, 19 Jul 2007 14:57:40 GMT

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Hi there,

just trying to display an array quick and dirty, IDL crashed on me with a memory access violation repeatedly. Anyone having that (or similar) problem as well? Is there a solution?

ingo> idl

IDL Version 6.1 (linux x86 m32). (c) 2004, Research Systems, Inc.

Installation number: xxxxx.

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*****NOTE FOR RedHat Enterprise USERS*****

Some functionality in this IDL release requires the libstdc++ compatibility libraries to be installed. To check if the libraries are already installed, execute 'rpm -qa | grep compat', and look for "compat-libstdc++-<version_number>". If this is not listed, install the appropriate RPM for your distribution (from your install CD's).

IDL> image = bytarr(200,200)

IDL> image[2:10,2:20] = 200

IDL> tvscl, image

Speicherzugriffsfehler

ingo> cat /proc/version

Linux version 2.6.13-15-default (geeko@buildhost) (gcc version 4.0.2

20050901 (prerelease) (SUSE Linux)) #1 Tue Sep 13 14:56:15 UTC 2005

ingo> rpm -qa | grep compat

compat-libstdc++-5.0.7-6

Best regards,

Ingo

--

Ingo von Borstel <newsgroups@planetmaker.de>

Public Key: <http://www.planetmaker.de/ingo.asc>

If you need an urgent reply, replace newsgroups by vgap.

Subject: Re: IDL crashing on call of TV - solved

Posted by [Ingo von Borstel](#) on Fri, 20 Jul 2007 12:31:41 GMT

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I reverted to a previous version of my x-server and it works again.

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Ingo von Borstel <newsgroups@planetmaker.de>
Public Key: <http://www.planetmaker.de/ingo.asc>

If you need an urgent reply, replace newsgroups by vgap.

Subject: Re: IDL crashing on call of TV
Posted by [Induja Shaji](#) on Wed, 05 Aug 2015 05:52:00 GMT
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Hi..

I have a similar question.

I had been using idl 8.0 in my desktop pc with CENTOS 6 operating system. Now I want shift to laptop(Fedora 22 OS 64bit) in which I have idl 6.3 version installed. While compiling the previously written codes(which are working fine in idl 8.0), it shows syntax errors. Also, while trying to plot an image with tv Or plot_image etc., it shows 'Segmentation fault (core dumped)' and idl crashes. What can be done for this?

Induja

Subject: Re: IDL crashing on call of TV
Posted by [Helder Marchetto](#) on Wed, 05 Aug 2015 06:35:22 GMT
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Hi,
can't help you with the crashes, but the syntax errors are to be expected. IDL is very backwards compatible, but "unfortunately" not forward compatible. Your v8.0 code is for sure using functions/procedure calls that are not allowed in 6.3. The only way around (as far as I see), is to go through the code and fix those errors. It should not be too hard if you go in debugging mode... Good luck and hope that your code is not in the 10^6 lines range :-)
Helder

On Wednesday, August 5, 2015 at 7:52:03 AM UTC+2, Induja Shaji wrote:

> Hi..

> I have a similar question.

> I had been using idl 8.0 in my desktop pc with CENTOS 6 operating system. Now I want shift to laptop(Fedora 22 OS 64bit) in which I have idl 6.3 version installed. While compiling the previously written codes(which are working fine in idl 8.0), it shows syntax errors. Also, while trying to plot an image with tv Or plot_image etc., it shows 'Segmentation fault (core dumped)' and idl crashes. What can be done for this?

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> -----
> Induja

Subject: Re: IDL crashing on call of TV
Posted by [Induja Shaji](#) on Wed, 05 Aug 2015 07:28:31 GMT
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On Wednesday, August 5, 2015 at 12:05:24 PM UTC+5:30, Helder wrote:

> Hi,
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> Good luck and hope that your code is not in the 10^6 lines range :-)
> Helder
>
>
> On Wednesday, August 5, 2015 at 7:52:03 AM UTC+2, Induja Shaji wrote:
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>> I have a similar question.
>> I had been using idl 8.0 in my desktop pc with CENTOS 6 operating system. Now I want shift to laptop(Fedora 22 OS 64bit) in which I have idl 6.3 version installed. While compiling the previously written codes(which are working fine in idl 8.0), it shows syntax errors. Also, while trying to plot an image with tv or plot_image etc., it shows 'Segmentation fault (core dumped)' and idl crashes. What can be done for this?
>>
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>> -----
>> Induja

Thank you very much for the information. I would be helpful if somebody could give an idea to resolve the idl crash while plotting images. hope it will work if I revert the xserver to older version(the problem is while plotting images but simple line plots are working). Can i get some idea to revert it.
