
Subject: IDL error message

Posted by [sheikhbahae](#) on Tue, 11 Mar 2014 15:44:38 GMT

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I am a newbie in IDL. I have modified somebody's code and now I get this error message:

Attempt to call undefined procedure/function: 'LOADCT_INTERNALGDL'.

% Execution halted at: LOADCT 82 /usr/share/doc/gnudatalanguage/examples/pro/loadct.pro

I was trying to find some routine called loadct_internalgdl.pro which contains the definition for the given function but couldn't find anything. Any tips how to deal with the error message?

Thanks

Subject: Re: IDL error message

Posted by [David Fanning](#) on Tue, 11 Mar 2014 15:55:51 GMT

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sheikhbahae@gmail.com writes:

> I am a newbie in IDL. I have modified somebody's code and now I get this error message:
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> % Execution halted at: LOADCT 82 /usr/share/doc/gnudatalanguage/examples/pro/loadct.pro
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> I was trying to find some routine called loadct_internalgdl.pro which contains the definition for
the given function but couldn't find anything. Any tips how to deal with the error message?

My guess is that you don't have this directory on your IDL path:

`/usr/share/doc/gnudatalanguage/examples/pro`

I think the problem would probably disappear if you add this directory
and any of its sub-directories to your IDL path. Here is an article that
describes how to add a third-party library to your IDL path:

http://www.idlcoyote.com/code_tips/installcoyote.php

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Subject: Re: IDL error message

Posted by [sheikhbahae](#) on Tue, 11 Mar 2014 16:15:18 GMT

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>
> David
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> --
>
> David Fanning, Ph.D.
>
> Fanning Software Consulting, Inc.

>
> Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
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I set up the IDL_PATH in my .bashrc file before and I sourced the .bashrc file. I don't understand why doesn't the code distinguish this procedure!?

Subject: Re: IDL error message
Posted by [David Fanning](#) on Tue, 11 Mar 2014 16:21:48 GMT
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sheikhbahaee@gmail.com writes:

> I set up the IDL_PATH in my .bashrc file before and I sourced the .bashrc file. I don't understand why doesn't the code distinguish this procedure!?

Me, either. It must be something neither of us suspects. Maybe you are not a good typist and made a spelling error. Happens to me, occasionally. ;-)

Cheers,

David

P.S. Can you find the file anywhere in the GNUIDL distribution? Is the directory where you find it on your IDL path?

IDL> Print, !Path

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
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Subject: Re: IDL error message
Posted by [sheikhbahaee](#) on Tue, 11 Mar 2014 19:50:19 GMT
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>
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> David Fanning, Ph.D.
>
> Fanning Software Consulting, Inc.
>
> Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
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> Sepore ma de ni thue. ("Perhaps thou speakest truth.")

I am too lazy to type I usually copy and paste. I printed the command
IDL>print,!PATH

vol/software/software/tools/idl/idl71:/usr/share/doc/gnudata
language/examples/pro:/usr/share/doc/gnudatalanguage/example s/pro/dicom:....

which is the same path as loadct.pro exists. Does this error message have anything to do with
GDL installation or the version of IDL I use or not?

Cheers.

Subject: Re: IDL error message
Posted by [David Fanning](#) on Tue, 11 Mar 2014 20:40:12 GMT
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sheikhbahae@gmail.com writes:

```
> I am too lazy to type I usually copy and paste. I printed the command
> IDL>print,!PATH
>   vol/software/software/tools/idl/idl71:/usr/share/doc/gnudata
language/examples/pro:/usr/share/doc/gnudatalanguage/example s/pro/dicom:....
>
> which is the same path as loadct.pro exists. Does this error message have anything to do with
GDL installation or the version of IDL I use or not?
```

The error has to do with not finding the program LOADCT_INTERNALGDL. If the program isn't anywhere to be found, that would explain the error!

I'm not familiar with the program, but the fact that it has a "GDL" associated with it seems like a clue that it is part of the GDL distribution.

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
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Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Subject: Re: IDL error message
Posted by [Phillip Bitzer](#) on Tue, 11 Mar 2014 20:42:04 GMT
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On Tuesday, March 11, 2014 2:50:19 PM UTC-5, sheikh...@gmail.com wrote:

```
>
> IDL>print,!PATH
>
>   vol/software/software/tools/idl/idl71:/usr/share/doc/gnudata
language/examples/pro:/usr/share/doc/gnudatalanguage/example s/pro/dicom:....
>
>
```

The IDL library is before the GDL library on the path So, IDL is going to try to use the IDL library's version of loadct. This is clearly not the same as GDL's loadct. In particular, IDL's loadct doesn't

have the helper function `LOADCT_INTERNALGDL`. My guess is that GDL's version `_does_`.

David's link shows you how to put your "user" libraries first on your path.
