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Subject: Error in IDL

Posted by [shaheda shahi](#) on Fri, 21 Oct 2011 16:37:34 GMT

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Hi,

I get the error in running the program as "Attempt to call undefined procedure/function".

So, I have added the path of the program to the default path using '!path'. Even it gives the same error. I tried 'resolve\_all' command also. It says that '

```
% Compiled module: RESOLVE_ALL.
```

```
% Attempt to call undefined procedure/function: 'DEFAULT'.
```

```
% Error occurred at: RESOLVE_ALL_BODY 290 /usr/local/itt/idl71/lib/
```

```
resolve_all.pro
```

```
% RESOLVE_ALL 351 /usr/local/itt/idl71/lib/
```

```
resolve_all.pro
```

```
% $MAIN$
```

```
% Execution halted at: $MAIN$
```

So, what can I do in this case? Should I need to add the default routine in the library?

Please help me out.

Thank you.

-Shaheda

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Subject: Re: Error in IDL

Posted by [David Fanning](#) on Sat, 22 Oct 2011 01:29:23 GMT

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shaheda shahi writes:

> So, what can I do in this case? Should I need to add the default  
> routine in the library?

Is your routine a procedure or a function? Can you give us an example of how you are calling it?

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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Subject: Re: Error in IDL

Posted by [shaheda shahi](#) on Mon, 24 Oct 2011 15:09:48 GMT

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On Oct 22, 6:29 am, David Fanning <n...@dfanning.com> wrote:

> shaheda shahi writes:

>> So, what can I do in this case? Should I need to add the default

>> routine in the library?

>

> Is your routine a procedure or a function? Can you give us

> an example of how you are calling it?

>

> Cheers,

>

> David

>

> --

> David Fanning, Ph.D.

> Fanning Software Consulting, Inc.

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

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

Hi David Fanning,

The program calls for a function.

This program is already run many times in another  
account. I created a new account and I am using it.

It was running even in the new account after  
me adding the '!path'. Now, this is also not helping.

-Shaheda

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Subject: Re: Error in IDL

Posted by [David Fanning](#) on Mon, 24 Oct 2011 15:23:50 GMT

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shaheda shahi writes:

> The program calls for a function.

> This program is already run many times in another

> account. I created a new account and I am using it.

> It was running even in the new account after

> me adding the '!path'. Now, this is also not helping.

Then I would say the file is not on your IDL path,  
despite your attempt to put it there. You would  
not be the first person to set an IDL path up  
incorrectly. :-)

When you can locate the file with FILE\_WHICH, then  
you will know it is on your IDL path.

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

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

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Subject: Re: Error in IDL

Posted by [shaheda shahi](#) on Mon, 24 Oct 2011 16:38:22 GMT

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On Oct 24, 8:23 pm, David Fanning <n...@dfanning.com> wrote:

> shaheda shahi writes:

>> The program calls for a function.

>> This program is already run many times in another

>> account. I created a new account and I am using it.

>> It was running even in the new account after

>> me adding the '!path'. Now, this is also not helping.

>

> Then I would say the file is not on your IDL path,

> despite your attempt to put it there. You would

> not be the first person to set an IDL path up

> incorrectly. :-)

>

> When you can locate the file with FILE\_WHICH, then

> you will know it is on your IDL path.

>

> Cheers,

>

> David

> --

> David Fanning, Ph.D.

> Fanning Software Consulting, Inc.

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

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

Hi David Fanning,  
I have tried getting the path from 'file\_which' also.  
It prints blank space????

-Shaheda

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Subject: Re: Error in IDL  
Posted by [David Fanning](#) on Mon, 24 Oct 2011 17:18:43 GMT  
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shaheda shahi writes:

> I have tried getting the path from 'file\_which' also.  
> It prints blank space????

Yes. It is blank because it is not finding the routine  
on your IDL path. :-)

If the routine were on your IDL path, it would print  
the location.

Here are some examples of ways you can add the Coyote  
directory to your path. You need to do something like  
this with the directory that contains your program.

[http://www.idlcoyote.com/code\\_tips/installcoyote.php](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 thui. ("Perhaps thou speakest truth.")

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Subject: Re: Error in IDL  
Posted by [David Fanning](#) on Mon, 24 Oct 2011 17:26:04 GMT  
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shaheda shahi writes:

> I have tried getting the path from 'file\_which' also.  
> It prints blank space????

If you wanted to see a list of the directories that are on  
your IDL path, you can type this:

```
IDL> Print, Transpose(StrSplit(!Path, $  
    Path_Sep(/search_path),/Extract))
```

Is the directory that contains this program file on that  
list?

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

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

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Subject: Re: Error in IDL

Posted by [shaheda shahi](#) on Thu, 27 Oct 2011 12:05:41 GMT

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On Oct 24, 1:26 pm, David Fanning <n...@dfanning.com> wrote:

> shaheda shahi writes:

>> I have tried getting the path from 'file\_which' also.

>> It prints blank space????

>

> If you wanted to see a list of the directories that are on  
> your IDL path, you can type this:

>

```
> IDL> Print, Transpose(StrSplit(!Path, $  
>    Path_Sep(/search_path),/Extract))
```

>

> Is the directory that contains this program file on that  
> list?

>

> Cheers,

>

> David

>

> --

> David Fanning, Ph.D.

> Fanning Software Consulting, Inc.

- > Coyote's Guide to IDL Programming:<http://www.idlcoyote.com/>
- > Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Dear David Fanning,

The problem is solved.

I use to run IDL in linux. First, I usually run SSW then IDL.

Now attempted to run as SSWIDL. The program works...:-P

Simple mistake.

SSW batch and SSWIDL batch will be different?? I should check that now.

Thank you.

-Shaheda

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