
Subject: Resolve_all: bogus unresolved references
Posted by [William Gallery](#) on Tue, 23 Sep 2003 14:40:43 GMT
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I have an idl program I wish to distribute as an idl save set. When I run "resolve_all,/cont" on it, It lists three unresoved routines:

```
....  
% Compiled module: POLY_FIT.  
% Attempt to call undefined procedure/function: 'TRNLOG'.  
% Execution halted at: RESOLVE_ALL_BODY 117  
C:\RS\IDL56\lib\resolve_all.pro  
% RESOLVE_ALL 162  
C:\RS\IDL56\lib\resolve_all.pro  
% $MAIN$  
% Compiled module: COMBINE_SIGNALS.  
% Attempt to call undefined procedure/function: 'DELLOG'.  
% Execution halted at: RESOLVE_ALL_BODY 117  
C:\RS\IDL56\lib\resolve_all.pro  
% RESOLVE_ALL 161  
C:\RS\IDL56\lib\resolve_all.pro  
% $MAIN$  
% Attempt to call undefined procedure/function: 'SETLOG'.  
% Execution halted at: RESOLVE_ALL_BODY 117  
C:\RS\IDL56\lib\resolve_all.pro  
% RESOLVE_ALL 161  
C:\RS\IDL56\lib\resolve_all.pro  
% $MAIN$  
% Compiled module: RESISTANT_MEAN.  
...
```

However, I have searched everywhere for anything named trnlog, dellog or setlog using:

```
grep -iR trnlog ./
```

I looked in the current directory and below, the main idl directory and below, and all directories included in !Path and below and found nothing. The program runs fine as is. I believe these messages are benign but I would like to find their cause.

Is there a way to determine where trnlog is called from? Has anyone seen similar messages?

IDL 5.6
Windows NT

Cheers

Subject: Re: Resolve_all: bogus unresolved references
Posted by [Karsten Rodenacker](#) on Mon, 17 Nov 2003 08:25:37 GMT
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In addition to the undefined procedures TRNLOG,DELLOG,SETLOG mentioned by William Gallery I get messages with quite standard routines:

```
% Attempt to call undefined procedure/function: 'COMPLEX'.
% Execution halted at: RESOLVE_ALL_BODY 280
D:\RS\IDL60\lib\resolve_all.pro
%          RESOLVE_ALL      332
D:\RS\IDL60\lib\resolve_all.pro
%          $MAIN$
...
% Attempt to call undefined procedure/function: 'DCOMPLEX'.
% Attempt to call undefined procedure/function: 'FIX'.
% Attempt to call undefined procedure/function: 'HANDLE_CREATE'.
% Attempt to call undefined procedure/function: 'MAKE_ARRAY'.
% Attempt to call undefined procedure/function: 'OBJ_CLASS'.
% Attempt to call undefined procedure/function: 'PTRARR'.
% Attempt to call undefined procedure/function: 'PTR_NEW'.
% Attempt to call undefined procedure/function: 'ROUTINE_NAMES'.
% Attempt to call undefined procedure/function: 'UINT'.
...
```

Maybe there is an idea in the group to mend that behaviour?

Regards

Karsten Rodenacker

William Gallery schrieb:

```
> I have an idl program I wish to distribute as an idl save set. When I run
> "resolve_all,/cont" on it, It lists three unresoved routines:
> ....
> % Compiled module: POLY_FIT.
> % Attempt to call undefined procedure/function: 'TRNLOG'.
> % Execution halted at: RESOLVE_ALL_BODY 117
> C:\RS\IDL56\lib\resolve_all.pro
> %          RESOLVE_ALL      162
> C:\RS\IDL56\lib\resolve_all.pro
> %          $MAIN$
> % Compiled module: COMBINE_SIGNALS.
```

> % Attempt to call undefined procedure/function: 'DELLOG'.
> % Execution halted at: RESOLVE_ALL_BODY 117
> C:\RS\IDL56\lib\resolve_all.pro
> % RESOLVE_ALL 161
> C:\RS\IDL56\lib\resolve_all.pro
> % \$MAIN\$
> % Attempt to call undefined procedure/function: 'SETLOG'.
> % Execution halted at: RESOLVE_ALL_BODY 117
> C:\RS\IDL56\lib\resolve_all.pro
> % RESOLVE_ALL 161
> C:\RS\IDL56\lib\resolve_all.pro
> % \$MAIN\$
> % Compiled module: RESISTANT_MEAN.
> ...
>
> However, I have searched everywhere for anything named trnlog, dellog or
> setlog using:
>
> grep -iR trnlog ./
>
> I looked in the current directory and below, the main idl directory and
> below, and all directories included in !Path and below and found nothing.
> The program runs fine as is. I believe these messages are benign but I
> would like to find their cause.
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> Is there a way to determine where trnlog is called from? Has anyone seen
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> IDL 5.6
> Windows NT
>
>
> Cheers
>
> Bill Gallery
> Frontier Technology, Inc.
>
>

Subject: Re: Resolve_all: bogus unresolved references
Posted by [Karsten Rodenacker](#) on Mon, 17 Nov 2003 09:01:56 GMT
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In the meanwhile I found the source of these messages. All mentioned routines are 'defined' by forward_function in the cmsavelib software of Craig Markwardt. After commenting out these lines (without testing further functionality) the messages disappear.

However after compiling an object I am messing now around with other missing routines I never heard about. Perhaps there is another historical OS still hidden?

Regards
Karsten

```
% Attempt to call undefined procedure/function: 'FW_QUERYDEFAULTSTYLE'.
% Execution halted at: RESOLVE_ALL_BODY 280
D:\RS\IDL60\lib\resolve_all.pro
%          RESOLVE_ALL      332
D:\RS\IDL60\lib\resolve_all.pro
%          $MAIN$
% Attempt to call undefined procedure/function: 'FW_QUERYNAMEDSTYLE'.
% Attempt to call undefined procedure/function: 'FW_UPDATEDATAWINDOW'.
% Attempt to call undefined procedure/function: 'FW_CWDIMSIZE'.
% Attempt to call undefined procedure/function: 'FW_DATABROWSER'.
% Attempt to call undefined procedure/function: 'FW_GETDATAFROMTEXTWIDGET'.
% Attempt to call undefined procedure/function: 'FW_QUERYOKTODELETEDATA'.
% Attempt to call undefined procedure/function: 'FW_QUERYSTYLELIST'.
```

Karsten Rodenacker schrieb:

```
> In addition to the undefined procedures TRNLOG,DELLOG,SETLOG mentioned
> by William Gallery I get messages with quite standard routines:
>
> % Attempt to call undefined procedure/function: 'COMPLEX'.
> % Execution halted at: RESOLVE_ALL_BODY 280
> D:\RS\IDL60\lib\resolve_all.pro
> %          RESOLVE_ALL      332
> D:\RS\IDL60\lib\resolve_all.pro
> %          $MAIN$
> ...
> % Attempt to call undefined procedure/function: 'DCOMPLEX'.
> % Attempt to call undefined procedure/function: 'FIX'.
> % Attempt to call undefined procedure/function: 'HANDLE_CREATE'.
> % Attempt to call undefined procedure/function: 'MAKE_ARRAY'.
> % Attempt to call undefined procedure/function: 'OBJ_CLASS'.
> % Attempt to call undefined procedure/function: 'PTRARR'.
> % Attempt to call undefined procedure/function: 'PTR_NEW'.
> % Attempt to call undefined procedure/function: 'ROUTINE_NAMES'.
> % Attempt to call undefined procedure/function: 'UINT'.
> ...
>
> Maybe there is an idea in the group to mend that behaviour?
> Regards
```

```

> Karsten Rodenacker
>
>
> William Gallery schrieb:
>
>> I have an idl program I wish to distribute as an idl save set. When I
>> run
>> "resolve_all,/cont" on it, It lists three unresolved routines:
>> ....
>> % Compiled module: POLY_FIT.
>> % Attempt to call undefined procedure/function: 'TRNLOG'.
>> % Execution halted at: RESOLVE_ALL_BODY 117
>> C:\RSI\IDL56\lib\resolve_all.pro
>> %
>> RESOLVE_ALL 162
>> C:\RSI\IDL56\lib\resolve_all.pro
>> %
>> $MAIN$
>> % Compiled module: COMBINE_SIGNALS.
>> % Attempt to call undefined procedure/function: 'DELLOG'.
>> % Execution halted at: RESOLVE_ALL_BODY 117
>> C:\RSI\IDL56\lib\resolve_all.pro
>> %
>> RESOLVE_ALL 161
>> C:\RSI\IDL56\lib\resolve_all.pro
>> %
>> $MAIN$
>> % Attempt to call undefined procedure/function: 'SETLOG'.
>> % Execution halted at: RESOLVE_ALL_BODY 117
>> C:\RSI\IDL56\lib\resolve_all.pro
>> %
>> RESOLVE_ALL 161
>> C:\RSI\IDL56\lib\resolve_all.pro
>> %
>> $MAIN$
>> % Compiled module: RESISTANT_MEAN.
>> ...
>>
>> However, I have searched everywhere for anything named trnlog, dellog or
>> setlog using:
>>
>> grep -iR trnlog ./
>>
>> I looked in the current directory and below, the main idl directory and
>> below, and all directories included in !Path and below and found nothing.
>> The program runs fine as is. I believe these messages are benign but I
>> would like to find their cause.
>>
>> Is there a way to determine where trnlog is called from? Has anyone seen
>> similar messages?
>>
>> IDL 5.6
>> Windows NT
>>

```

>>
>> Cheers
>>
>> Bill Gallery
>> Frontier Technology, Inc.
>>
>>
>

Subject: Re: Resolve_all: bogus unresolved references
Posted by [David Fanning](#) on Mon, 17 Nov 2003 13:26:24 GMT
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Karsten Rodenacker writes:

> However after compiling an object I am messing now around with other
> missing routines I never heard about. Perhaps there is another
> historical OS still hidden?

I would guess so. These FW_*** routines are not IDL routines. :-)

It looks to me like you need to look up this "FW" and
add his library to your path.

Cheers,

David

--

David W. Fanning, Ph.D.
Fanning Software Consulting, Inc.
Phone: 970-221-0438, E-mail: david@dfanning.com
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
Toll-Free IDL Book Orders: 1-888-461-0155

Subject: Re: Resolve_all: bogus unresolved references
Posted by [Karsten Rodenacker](#) on Mon, 17 Nov 2003 14:27:35 GMT
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It was a bit cumbersome to 'look up' this FW but however, here is a list
of commands and results showing where the fw_ comes from:

```
IDL> .full_reset_session
IDL> .reset_session
IDL> resolve_routine,'XROI',/either,/comp
IDL> print,routine_info(/unreso)
```

```
IPLOT LIVE_DESTROY XMANAGER
IDL> resolve_routine,'LIVE_DESTROY',/either,/comp
IDL> print,routine_info(/unreso)
FW_LOAD_FILE FW_LOAD_GENERIC FW_UPDATEDATAWINDOW INSPUT IPLOT
```

Regards
Karsten

David Fanning schrieb:

```
> Karsten Rodenacker writes:
>
>
>> However after compiling an object I am messing now around with other
>> missing routines I never heard about. Perhaps there is another
>> historical OS still hidden?
>
>
> I would guess so. These FW_*** routines are not IDL routines. :-)
>
> It looks to me like you need to look up this "FW" and
> add his library to your path.
>
> Cheers,
>
> David
```

Subject: Re: Resolve_all: bogus unresolved references
Posted by [David Fanning](#) on Mon, 17 Nov 2003 14:32:07 GMT
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Karsten Rodenacker writes:

```
> It was a bit cumbersome to 'look up' this FW but however, here is a list
> of commands and results showing where the fw_ comes from:
>
> IDL> .full_reset_session
> IDL> .reset_session
> IDL> resolve_routine,'XROI',/either,/comp
> IDL> print,routine_info(/unreso)
> IPLOT LIVE_DESTROY XMANAGER
> IDL> resolve_routine,'LIVE_DESTROY',/either,/comp
> IDL> print,routine_info(/unreso)
> FW_LOAD_FILE FW_LOAD_GENERIC FW_UPDATEDATAWINDOW INSPUT IPLOT
```

Oh, dear. I hope you gave him a kick in the ass

when you found him! :-)

Cheers,

David

--

David W. Fanning, Ph.D.

Fanning Software Consulting, Inc.

Phone: 970-221-0438, E-mail: david@dfanning.com

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

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Subject: Re: Resolve_all: bogus unresolved references

Posted by [Craig Markwardt](#) on Mon, 17 Nov 2003 15:44:28 GMT

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Karsten Rodenacker <Karsten.Rodenacker@gsf.de> writes:

> In the meanwhile I found the source of these messages. All mentioned
> routines are 'defined' by forward_function in the cmsavelib software of
> Craig Markwardt. After commenting out these lines (without testing
> further functionality) the messages disappear.

Since my name was mentioned, I'll have to make a comment :-) My use of FORWARD_FUNCTION is a paranoic attempt to allow my library routines to compile on a wide range of IDL versions. By using FORWARD_FUNCTION, IDL understands that the mentioned routines are functions, even if compiled under a version of IDL where the (built-in) function doesn't exist. That being said, I think I was probably a bit **too** paranoic.

But it is also unfortunate that RESOLVE_ALL is so narrow-minded. After all, it certainly **knows** the names of all the built-in functions (by calling the ROUTINE_NAMES() function). Thankfully, rather than editing my code, you can use the SKIP_ROUTINES documented keyword to avoid the offending functions. [Strangely, it's only documented in the header of the code.]

Craig

--

Craig B. Markwardt, Ph.D. EMAIL: craigmnet@REMOVEcow.physics.wisc.edu
Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response

Subject: Re: Resolve_all: bogus unresolved references
Posted by [Karsten Rodenacker](#) on Mon, 17 Nov 2003 16:25:14 GMT
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Thank you for your additional information. I did not mention you as an offence, more as a documented trial. I am using your cmsave lib more frequent than the idl routines. So I did not consider your usage of forward_function as ill-minded.

Karsten

Craig Markwardt schrieb:

> Karsten Rodenacker <Karsten.Rodenacker@gsf.de> writes:
>
>> In the meanwhile I found the source of these messages. All mentioned
>> routines are 'defined' by forward_function in the cmsavelib software of
>> Craig Markwardt. After commenting out these lines (without testing
>> further functionality) the messages disappear.
>
>
> Since my name was mentioned, I'll have to make a comment :-) My use of
> FORWARD_FUNCTION is a paranoid attempt to allow my library routines to
> compile on a wide range of IDL versions. By using FORWARD_FUNCTION,
> IDL understands that the mentioned routines are functions, even if
> compiled under a version of IDL where the (built-in) function doesn't
> exist. That being said, I think I was probably a bit *too* paranoid.
>
> But it is also unfortunate that RESOLVE_ALL is so narrow-minded.
> After all, it certainly *knows* the names of all the built-in
> functions (by calling the ROUTINE_NAMES() function). Thankfully,
> rather than editing my code, you can use the SKIP_ROUTINES documented
> keyword to avoid the offending functions. [Strangely, it's only
> documented in the header of the code.]
>
> Craig
>

Subject: Re: Resolve_all: bogus unresolved references
Posted by [Craig Markwardt](#) on Mon, 17 Nov 2003 16:58:18 GMT
[View Forum Message](#) <> [Reply to Message](#)

Karsten Rodenacker <Karsten.Rodenacker@gsf.de> writes:

> Thank you for your additional information. I did not mention you as an
> offence, more as a documented trial. I am using your cmsave lib more
> frequent than the idl routines. So I did not consider your usage of
> forward_function as ill-minded.
> Karsten

Hi Karsten-- I hoped the smiley :-) would show that I was good humored about the issue. A separate point of my message was to mention that you could use the SKIP_ROUTINES keyword to RESOLVE_ALL to exclude the offending routines, without resorting to editing library code.

Yours,
Craig

--

Craig B. Markwardt, Ph.D. EMAIL: craigmnet@REMOVEcow.physics.wisc.edu
Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response
