
Subject: RESOLVE_ALL

Posted by [Robert Barnett](#) on Tue, 27 Jul 2004 23:33:20 GMT

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I've found some unexpected/undocumented behaviour when I run resolve_all. (IDL 5.1 and 6.0)

If I do the following steps

- 1) compile .pro files
- 2) change directory using IDLs cd procedure
- 3) compile some other .pro files
- 4) run resolve_all

It seems that changing directory is not a good idea when I wish to run resolve_all. The easy way around it is to ensure that all files are in the IDL_PATH and thus avoid the need for changing directory altogether.

The bug is rather trivial but worthy of a post. If you follow David Fannings tips/advice this should never happen to you.

Cheers,
Robbie

--

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Subject: Re: Resolve_all

Posted by [Spon](#) on Fri, 22 May 2009 16:46:22 GMT

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On May 22, 12:10 pm, vino <astrocr...@gmail.com> wrote:

- > When i am able to individually compile the function, why is it that
- > resolve_all is not finding the .pro file?What is it that i am missing
- > here?

>
> Vino

Hi Vino,

is your code trying to call it as a function, when it's actually a procedure (or vice versa) somewhere? That's one way I've found that can cause this odd combination of messages.

Regards,
Chris

Subject: Re: Resolve_all
Posted by [Homeyer](#) on Fri, 22 May 2009 16:46:39 GMT
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On May 22, 6:10 am, vino <astrocr...@gmail.com> wrote:

> Hi!
>
> I shall be very grateful if someone can explain why the following
> error is occuring...
>
> IDL> .r find_uniq_objects.pro
> % Compiled module: FIND_UNIQ_OBJECTS.
> IDL> resolve_all
> % Compiled module: FIND_UNIQ_OBJECTS.
> % Attempt to call undefined procedure/function: 'FIND_UNIQ_OBJECTS'.
> % Error occurred at: RESOLVE_ALL_BODY 290 /usr/local/rsi/idl70/idl/
> lib/resolve_all.pro
> % RESOLVE_ALL 351 /usr/local/rsi/idl70/idl/
> lib/resolve_all.pro
> % \$MAIN\$
> % Execution halted at: \$MAIN\$
>
> When i am able to individually compile the function, why is it that
> resolve_all is not finding the .pro file?What is it that i am missing
> here?
>
> Thanks and regards,
>
> Vino

The error is the result of a function trying to be resolved as a procedure. My guess is that FIND_UNIQ_OBJECTS is defined as a function, but is being called as a procedure within find_uniq_objects.pro.

Cheers,
Cameron

Subject: Re: Resolve_all
Posted by [vino](#) on Fri, 22 May 2009 17:38:38 GMT
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On May 22, 5:46 pm, Homeyer <cam.the.weather....@gmail.com> wrote:

> On May 22, 6:10 am, vino <astrocr...@gmail.com> wrote:

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> Cheers,

> Cameron

Hi! As you both said find_uniq_objects is a function..But how do i
make sure that it is being resolved as a function rather than a

procedure?

Thanks and regards,

Vino

Subject: Re: Resolve_all
Posted by [vino](#) on Fri, 22 May 2009 17:39:33 GMT
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On May 22, 5:46 pm, Homeyer <cam.the.weather....@gmail.com> wrote:

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> function, but is being called as a procedure within

> find_uniq_objects.pro.

>

> Cheers,

> Cameron

P.S: I am calling it as a function from the command line directly!!!

Subject: Re: Resolve_all

Posted by [Vince Hradil](#) on Fri, 22 May 2009 19:22:46 GMT

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On May 22, 12:38 pm, vino <astrocr...@gmail.com> wrote:

> On May 22, 5:46 pm, Homeyer <cam.the.weather....@gmail.com> wrote:

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>> Cheers,

>> Cameron

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> Hi! As you both said find_uniq_objects is a function..But how do i
> make sure that it is being resolved as a function rather than a
> procedure?
>
> Thanks and regards,
>
> Vino

Somewhere in find_uniq_objects.pro there is a line like:
find_uniq_objects

As opposed to:
uobjs = find_uniq_objects(args)

Subject: Re: Resolve_all
Posted by [Homeyer](#) on Sat, 23 May 2009 19:58:42 GMT
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On May 22, 2:22 pm, Vince Hradil <vincehra...@gmail.com> wrote:
> On May 22, 12:38 pm, vino <astrocr...@gmail.com> wrote:
>
>
>
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>> make sure that it is being resolved as a function rather than a
>> procedure?
>
>> Thanks and regards,
>
>> Vino
>
```

If it is working directly from the command line, the following line is probably after the RETURN statement:

```
> Somewhere in find_uniq_objects.pro there is a line like:
> find_uniq_objects
>
> As opposed to:
> uobjs = find_uniq_objects(args)
```

-Cameron
