
Subject: undefined procedure problem

Posted by [Kristine Hensel](#) on Fri, 18 Jun 1999 07:00:00 GMT

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Hi,

I'm having trouble with IDL compiling a procedure and then telling me that the procedure is undefined:

```
% Compiled module: COMMENT_EV.  
% XMANAGER: Caught unexpected error from client application. Message  
follows...  
% Attempt to call undefined procedure/function: 'COMMENT_EV'.  
% Execution halted at: XMANAGER_EVLOOP_STANDARD 471  
/opt/share/idl/lib/xmanager.pro  
%           XMANAGER           699  
/opt/share/idl/lib/xmanager.pro  
%           MANAGE_DATA       241  
/home/hensel/idl/mylib/manage_data.pro  
%           $MAIN$
```

I'm loathe to post my embarrassingly ugly (and long) code here unless I really have to, but the problem arose when I tried to use `cw_form` for the first time. I have "event=comment_ev" as a keyword to my buttons and text in the `cw_form` description:

```
desc = [ $  
'0, label, Data comments, font=helvetica*14',$  
'1, base, , row',$  
'1, base, ,frame, column',$  
'0, label, E_x, font=helvetica*14, center',$  
'0, button, no data | wandering baseline | rapid oscillations,$  
font=helvetica*12, column, event=comment_ev, tag=ex_problem',$  
'2, text, , font=helvetica*12, label_left=other:, width=10,$  
event=comment_ev, tag=ex_other',$  
'1, base, , row',$  
'0, button, Save comments, font=helvetica*14, tag=save,  
event=comment_ev']
```

```
comment_form = cw_form(comment_base, desc, /column)
```

The procedures `manage_data` and `comment_ev` are in the same file, along with lots of other event-handling procedures that IDL has no trouble finding.

Does anyone know of a less transparent meaning of the "undefined procedure/function" error message? Alternatively, am I using the "event=" keyword incorrectly in defining `cw_form`? There's no example of

its use in the manuals I have.

Thanks,
Kristine

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P.O. Box 3000 Office: FL2 3070
Boulder, CO 80307-3000

Subject: Re: undefined procedure problem
Posted by [Martin Schultz](#) on Tue, 22 Jun 1999 07:00:00 GMT
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Kristine Hensel wrote:

>
> rmlongfield@my-deja.com wrote:
>>
>> In article <376AB0B8.5B494851@ucar.edu>,
>> Kristine Hensel <hensel@ucar.edu> wrote:
>>> Hi,
>>>
>>> I'm having trouble with IDL compiling a procedure and then telling me
>>> that the procedure is undefined:
>>
>>
>> Just checked CW_FORM and it expects a function. Is your event handler
>> defined with PRO or FUNCTION?
>>
>> Rose
>>
>
> Oh, Rose, you are very clever. I did have my event handler defined as a
> procedure. I just changed it to a function, and I got a different error
> message, so that's something.
>

One last idea: try to include a FORWARD_FUNCTION statement now that you
have a function. If it works, you can consider
yourself an expert on CW_FORM and you will probably receive a lot of
questions about it ;-)

Cheers,
Martin.

--

|||||||\\-----// |||||

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Subject: Re: undefined procedure problem
Posted by [Kristine Hensel](#) on Tue, 22 Jun 1999 07:00:00 GMT
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rmlongfield@my-deja.com wrote:

>
> In article <376AB0B8.5B494851@ucar.edu>,
> Kristine Hensel <hensel@ucar.edu> wrote:
>> Hi,
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>> I'm having trouble with IDL compiling a procedure and then telling me
>> that the procedure is undefined:
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> Just checked CW_FORM and it expects a function. Is your event handler
> defined with PRO or FUNCTION?
>
> Rose
>

Oh, Rose, you are very clever. I did have my event handler defined as a
procedure. I just changed it to a function, and I got a different error
message, so that's something.

Of course, I got so frustrated with this that I gave up on cw_form and
put in my own buttons, but I will definitely make a note of this.
Thanks so much!

Kristine

Subject: Re: undefined procedure problem
Posted by [rmlongfield](#) on Tue, 22 Jun 1999 07:00:00 GMT
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In article <376AB0B8.5B494851@ucar.edu>,
Kristine Hensel <hensel@ucar.edu> wrote:
> Hi,
>

> I'm having trouble with IDL compiling a procedure and then telling me
> that the procedure is undefined:
>
> % Compiled module: COMMENT_EV.
> % XMANAGER: Caught unexpected error from client application. Message
> follows...

Hi Kristine,

I am not familiar enough with CW_FORM to help in that respect.
However, this is just an idea. I get the errors that you mention a lot
when I define in the first line of a program a file:

PRO program_file

and then I try using EVENT_FUNC = program_file

IDL looks for a function when it is actually defined as a procedure.
It usually drives me crazy because I see when I compile that the program
is there and compiling, and still when the program is called, it can't
find it.

Just checked CW_FORM and it expects a function. Is your event handler
defined with PRO or FUNCTION?

Rose

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