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

--

Kristine Hensel Phone: (303) 497-1539

High Altitude Observatory/NCAR E-mail: hensel@ucar.edu

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 --

Martin Schultz, DEAS, Harvard University, 29 Oxford St., Pierce 109, Cambridge, MA 02138 phone (617) 496 8318 fax (617) 495 4551 e-mail mgs@io.harvard.edu web http://www-as/people/staff/mgs/

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,

>>

- >> 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.

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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