Subject: Re: undefined procedure problem Posted by Martin Schultz on Fri, 18 Jun 1999 07:00:00 GMT

View Forum Message <> Reply to Message

## Kristine Hensel 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...
- > % 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\$
- > [...]
- > Thanks,
- > Kristine

>

maybe I am the wrong one to answer (because I am not that much into widgets), but perhaps the following tips can help:

- (1) try a call to resolve\_routine, comment\_ev before you call cw\_form. That should ensure it gets compiled before cw\_form is registered with xmanager.
- (2) try to put comment\_ev in a seperate file with that name and make sure it is in the IDL !PATH.
- (3) if (2) works, my suspicion would be that comment\_ev is embedded in a file after the routine that bears the name of the file. That's always dangerous.

Good luck, Martin.

--

e-mail mgs@io.harvard.edu web http://www-as/people/staff/mgs/

Subject: Re: undefined procedure problem
Posted by R.Bauer on Sat, 19 Jun 1999 07:00:00 GMT
View Forum Message <> Reply to Message

Kristine Hensel 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...
> % 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.

>

The most done mistake with this is thats the event function has to be defined as string.

If you like the event handler function comment\_ev to be used you have to define it as event='comment\_ev'

or somewhere before set

comment ev='comment ev'

R.Bauer

Subject: Re: undefined procedure problem
Posted by Kristine Hensel on Mon, 21 Jun 1999 07:00:00 GMT
View Forum Message <> Reply to Message

Hi.

Just an update ...

I tried both (1) and (2) of Martin's suggestions, and got the same "undefined procedure" error message. I also get the same error if, instead of calling comment\_ev, I try to call another event-handling procedure that works fine in other contexts.

I also tried R. Bauer's suggestion of making sure that the event= keyword in cw\_form is given a string - in that case, I got an error message saying that my string variable (event\_string='comment\_ev') was an undefined procedure.

So I've given up on using cw\_form for now. In hindsight, it wouldn't have saved me that much programming anyway.

Thanks for the tips,

## Kristine

Martin Schultz wrote:

P.S. Thanks, Martin, for your advice in (3) - I'll keep that in mind next time I have a mysterious problem!

## > > maybe I am the wrong one to answer (because I am not that much into > widgets), but perhaps the following tips can help: > (1) try a call to resolve routine, comment ev before you call cw form. > That should ensure it gets compiled before cw form is registered with > xmanager. > (2) try to put comment\_ev in a seperate file with that name and make > sure it is in the IDL !PATH. > (3) if (2) works, my suspicion would be that comment\_ev is embedded in a > file after the routine that bears the name of the file. That's always > dangerous. > > Good luck, > 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/ 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