Subject: 5.0 XMANAGER problem
Posted by Russ Welti (on mapper on Tue, 05 May 1998 07:00:00 GMT
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I am using XMANAGER, CATCH=0, /NO_BLOCK as the final xmanager call for my app when it begins processing user events.

The effect of this is that the IDL engine can still be used from the IDL> prompt even though events are being processed. (I find this extremely convenient during development, since I don't need to ctrl-C to get IDL's attention to .RUN a changed source file.)

I use the /JUST_REG keyword for any additional dialogs that need to come up later on in my app, so that the original XMANAGER, CATCH=0, /NO_BLOCK stays in control.

However certain IDL dialogs, for example XDISPLAYFILE and XFONT to name two, seem to just call XMANAGER with no options, and therefor the 5.0 XMANAGER begins CATCHing and BLOCKing and the effect is that even AFTER you dismiss the XFONT dialog, control does NOT resume after the call to XFONT, but rather gets locked up in event processing, even though it was not finished processing the event which called XFONT.

example:

```
  begin ; event handler
  f=xfont()
  print,f    <== this never executes, control hangs in XFONT's XMANAGER
                even though OK or Cancel has been pressed and XFONT is gone.
  end ; event handler
```

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In short, by changing the way XMANAGER works, there has been created a new class of problems whereby *already existing, embedded* calls to XMANAGER (inside RSI-supplied routines) may or may not be compatible with the CATCH and BLOCK strategy of the user's calling application.
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Can anyone shed light on this or tell me how to get around it, other than do what I have had to do already in IDL: copy the "official" version of XXX.PRO to my local IDL source directory and create my own version of it...?

thanks,
russ

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