Subject: Re: Simple GUI question
Posted by David Fanning on Fri, 18 Apr 2003 15:02:04 GMT

Kevin M. Lausten (kevinlausten@hotmail.com) writes:

> I am a beginner user of IDL and results are expected soon. My current
> project begins with a GUI in which the user is prompted to input
> strings into several text widgets. I am haveing trouble passing this
> data from the GUI to my source code. The first line of my source code
> calls the GUI, and I need subsequent lines to perform procedures and
> functions on the data provided by the user. Any help would be greatly
> appreciated.

What you want is a modal or blocking "dialog" widget:

  http://www.dfanning.com/widget_tips/modal_blocking.html

You can find an example of how to write one here:

  http://www.dfanning.com/programs/textbox.pro

The example allows you to open a text widget and return
the answer to your program. Your program will be slightly
more elaborate than this, but will work on exactly the
same principles.

```
IDL> theName = TextBox(Label='What is your name? ', $
     Value='Unknown', Cancel=cancelled)
IDL> IF NOT cancelled THEN Print, theName
```

Cheers,

David

P.S. The fastest way to learn about widget programming in IDL
is to get a good book. :-)

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Coyote's Guide to IDL Programming: http://www.dfanning.com/
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