
Subject: Re: passing parameters from base to base
Posted by [David Fanning](#) on Thu, 21 Nov 2002 23:46:23 GMT
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Gert (Gert.Van.de.Wouwer@NOS_PAMpandora.be) writes:

- > I've been trying to figure this one out for a while. I have 2 bases. If in
- > Mainbase the button Set is pushed, a second base SetParams is called. Stuff
- > happens there and the idea is that if SetParams is killed, a series of
- > numbers go back to Mainbase. Now how can you write this neatly, so that the
- > code for the SetParams can easily be used in other progs?
- > These are my thoughts:
- > I could pass a pointer to SetParams that keeps the desired data, but how
- > does Mainbase know that
- > SetParams is killed and that it needs to update its fields?

If these are widget programs we are talking about, the simplest way of communicating between them is to send events back and forth. Typically, when program 1 calls program 2 it "registers" that it would like to receive updates if "something important" goes on. In my XColors program, for example, any program that wants to know about XColors loading a color table will register with either NOTIFYPRO, NOTIFYOBJ, or NOTIFYID keywords. Then, depending upon whether it is a procedure, object, or widget that you want to receive the notification, XCOLORS will use Call_Procedure, Call_Method, or SEND_EVENT (via Widget_Control) to notify program 1.

<http://www.dfanning.com/programs/xcolors.pro>

If you want to know if program 2 is killed, you can do the notification in its CLEANUP routine.

- > I looked at the examples for compound widgets (e.g. cw_defroi) and these do
- > the trick but they do not use xmanager. Is this the only way.

Oh, goodness me. Don't be learning your widget programming from examples that come with IDL! Life is complicated enough already. Get a good book instead. :-)

Cheers,

David

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