Subject: Re: really dumb widget question
Posted by Mark Fardal on Fri, 14 Apr 2000 07:00:00 GMT
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davidf@dfanning.com (David Fanning) writes:

>> When IDL is stopped within a procedure, a non-blocking widget will
>> still listen to events. But it won't act on them. Why not? Is there
>> any way to make it act on them?
>
> I presume because STOP means STOP. If it meant MOSTLY STOP,
> I expect RSI would hear about it. :-)
>
> I would try .CONTINUE to get them going again.

Hi,

Well, I did know that much. But as I noted, you have to wait until returning to the main level. (Or is it just leaving the procedure with the STOP? Didn't test.) That isn't always what I want.

Say you write two versions of a procedure. One takes user input from the command line, the other takes it from a non-blocking widget. If you stop at a certain point and need to use the procedure before going on, you can use the command-line version. But the GUI version is useless, unless you rewrite it as a blocking widget.

Non-blocking widgets introduce parallel threads of execution to an environment that doesn't otherwise use threads. I would naively expect a STOP to stop the thread it's in, but apparently it stops all of them--except for the one that _records_ widget events for later processing. I'm basically wondering if one thread can tell another thread to go ahead and execute.

Mark