
Subject: Re: Automatic button pressing:is there a way?
Posted by [zawodny](#) on Mon, 02 Oct 1995 07:00:00 GMT
[View Forum Message](#) <> [Reply to Message](#)

In article <30SEP199520411554@siva.bris.ac.uk> phtmh@siva.bris.ac.uk (TOM HILLER) writes:

> I want to have my widget press one of its own buttons
> at regular intervals, about once a second. Is this possible
> in PV-WAVE 5.00b, on a SGI Power Challenge XL?
>
> The reason I want to do this; I have a complicated data set which
> can be fitted by a model. The fitting takes a good fraction
> of a second, and I want to be able to vary parameters with sliders,
> watch how the fitting looks on the screen, and get a number for the
> fit as I go along. I have set up the sliders, the data display, and
> the redrawing of the fit, but the widget is unuseable if I get it
> to re-calculate the fit on every slider event. At the moment I use
> a button to get the fit number, but this is a pain. Can I get it
> to calculate the fit once a second, i.e. press its fit button
> itself?
>
> Thanks for your help,
>
> Tom.
>
> P.S. We also have IDL 3.6.1a on a DEC Alpha, should I use this? I
> have not tried to program IDL widgets yet.

I do not know about PV-WAVE, but IDL has a .drag field in the event structure for slider widgets. Use this to process only the "button release" slider events.

You can send your own events to the Xmanager using the WIDGET_CONTROL,SEND_EVENT=event_structure call.

Best of luck,

--

Dr. Joseph M. Zawodny KO4LW
E-mail: J.M.Zawodny@LaRC.NASA.gov

NASA Langley Research Center
MS-475, Hampton VA, 23681-0001
