
Subject: Re: 'remote control' for widgets?

Posted by [Stein Vidar Hagfors H\[2\]](#) on Fri, 20 Dec 2002 21:10:49 GMT

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David Fanning <david@dfanning.com> writes:

> s@visita2.die.upm.es (s@visita2.die.upm.es) writes:

>
>> I try to programmatically set values of widgets like sliders or checkboxes.
>> When I use "WIDGET_CONTROL,myWidget,SET_VALUE=myValue", only the widget
>> gets changed, but the appropriate event is not generated.
>>
>> What I am looking for is a technique taht allows me to change the value of
>> a widget _and_ generates the event that would have been generated if I
>> had changed the widget using the mouse or keyboard.
>
> Widget_Control, myWidget, Send_Event=thisEventStruct

Sigh... This reminds me of a program I once wrote (xrecorder) that would "infest" *any* widget program by installing its own routines as widget event handlers, to record the events... You could in fact record a complete demonstration session for any widget program, store it, and replay it (with the correct functionality - even moving the cursor over the screen to the right buttons etc to aid the eye, and with the recorded [editable] timing between each event, you could even edit the script to insert comments that would pop up on screen). The nice thing was that *nothing* had to be changed in the original programs. The only restriction was that the *structure* of the widget program could not (of course) be changed between recording and replaying.

Of course, the whole darn thing broke when IDL introduced a new version with their "real modal widgets"). Ah, those were the days, when xmanager,/modal worked. At least *one* person got to use it for a real-world application (demonstrating the functionality of a relatively large software suite) before it got obsoleted, and it was a lot of fun to make!

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