
Subject: Re: WIDGET REALIZATION BUG in 5.5 ?

Posted by [Pavel A. Romashkin](#) on Tue, 08 Jan 2002 17:00:34 GMT

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If you create a button and then call Widget_Control on it in the same routine, this button is not realized yet, I think. You can check on that by inserting a breakpoint before the end of the routine and checking if your button is displayed.

None of my business, but why create a new button every time? There are other widgets for multiple choice solutions, and it is easy to change properties of an existing button.

Good luck,

Pavel

Martin Lowry wrote:

>
> Hi All,
>
> I have just installed 5.5 and came across an error I hadn't seen in
> 5.4.
>
> I use a 'PRO_SET_VALUE' routine to create a button each time I load an
> image file. This button's UVALUE carries information about the file
> and serves as a launching button for the file it represents. At the
> end of the routine I use WIDGET_CONTROL to send an event to the just
> created button to make it the 'currently' active button and update
> some display labels. Unfortunately IDL comes back with the following
> message:
>
> % WIDGET_CONTROL: Request not allowed on unrealized widget.
>
> This seems strange as the button must be realized, albeit implicitly,
> since it appears on screen!
>
> Any ideas how I might prevent the error?
>
> Cheers!

Subject: Re: WIDGET REALIZATION BUG in 5.5 ?

Posted by [m.lowry](#) on Thu, 10 Jan 2002 14:35:02 GMT

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Hi All & Pavel,

"Pavel A. Romashkin" <pavel_romashkin@hotmail.com> wrote:"

> If you create a button and then call Widget_Control on it in the same
> routine, this button is not realized yet, I think. You can check on that

> by inserting a breakpoint before the end of the routine and checking if
> your button is displayed.

Been there, done that : The button is displayed!

I also tried adding a NOTIFY_REALIZE routine to the button to perform the SEND_EVENT, it never gets called! I'm beginning to think this is specific to WIDGET_CONTROL since WIDGET_INFO is able to return the button's UNAME ...

... Some time later ...

A little experimentation shows it to be even stranger, WIDGET_CONTROL is still able to perform GET_UVALUE but not SET_UNAME. The latter is critical to my application. If XMANAGER is set to BLOCK whilst the code is running then although errors are generated and displayed, the actions are performed!

Help, I'm confused >:(

Cheers!
