
Subject: Re: valid vs managed widget

Posted by [David Fanning](#) on Tue, 20 Jul 2004 15:07:33 GMT

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Ben Tupper writes:

```
> When I want to have a particular GUI realized only once (say for a GUI based
> object property editor) I have always used ...
>
> If WIDGET_INFO(myWidgetID, /VALID_ID) EQ 1 BEGIN
>   WIDGET_CONTROL, myWidgetID, /SHOW
>   RETURN
> END
>
>
> But this morning the heavy fog out on the bay has crept into my mind and filled
> it with a nagging doubt; should I be testing if IDL is already managing the
> widget ID instead? Some combination? And just what is the difference between a
> VALID ID and a MANAGED ID?
>
> Here's the online description of each keyword to WIDGET_INFO.
>
> VALID_ID
> Set this keyword to return 1 if Widget_ID represents a currently-valid widget.
> Otherwise, 0 is returned.
>
>
> MANAGED
> Set this keyword to return 1 if the specified widget is managed, or 0 otherwise.
```

I'd have to do some experimenting to know for sure, but I doubt whether a "managed" widget is even meaningful in this day and age when you don't even really need an XMANAGER call to run a widget program. Non-blocking widget programs run without it, although you do have to set the MANAGED keyword on the TLB, so maybe it does still make some sense, although presumably only for the widget that has the MANAGED keyword set for it.

http://www.dfanning.com/widget_tips/xmgrneed.html

If VALID_ID is working for you, I think I'd stick with it. :-)

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Subject: Re: valid vs managed widget
Posted by [btt](#) on Tue, 20 Jul 2004 16:05:53 GMT
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David Fanning wrote:

>
>
> I'd have to do some experimenting to know for sure, but
> I doubt whether a "managed" widget is even meaningful in
> this day and age when you don't even really need an XMANAGER
> call to run a widget program. Non-blocking widget programs
> run without it, although you do have to set the MANAGED
> keyword on the TLB, so maybe it does still make some sense,
> although presumably only for the widget that has the MANAGED
> keyword set for it.
>
> http://www.dfanning.com/widget_tips/xmgrneed.html
>
> If VALID_ID is working for you, I think I'd stick with it. :-)
>

OK! Thanks.

The question came up because I was testing some code - in which there was a bug in the GUI method - so the GUI appeared but was not 'managed'.

I will keep using XMANAGER and VALID_ID (especially since MANAGED is not in the IDL online docs for WIDGET_BASE, I just can't go there).

Ben

Subject: Re: valid vs managed widget
Posted by [David Fanning](#) on Tue, 20 Jul 2004 16:12:37 GMT
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Ben Tupper writes:

> I will keep using XMANAGER and VALID_ID (especially since MANAGED is not in the
> IDL online docs for WIDGET_BASE, I just can't go there).

Oh, right! Well, if anyone is cramming for the IEPA exam
the end of August, here is one you might remember. :-)

Cheers,

David

--

David Fanning, Ph.D.

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