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Subject: Re: Large widget identifiers

Posted by [Andrew Cool](#) on Sun, 15 Dec 2002 21:55:21 GMT

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Ian Dean wrote:

>  
> Hi,  
> Has anyone come across widget IDs "wrapping" when they reach a short int  
> limit (65535)?  
>  
> We have a run-time IDL program that is running continuously for days/weeks.  
> During this time several runs of data are processed. Each run requires  
> approximately 400 widgets. However, without wishing to exit the software,  
> the runs are performed within one program.  
>  
> The problem occurs when the widget ID reaches 65535, the next widget to be  
> created is 0, not 65536. This looks like a short int problem, but IDs are  
> supposed to be long int.  
>  
> Is there a way under program control to reset the widget ID back to 1 at the  
> beginning of a run?  
> I realise using the development environment .reset achieves this, but that  
> cannot be used in a running program.  
>  
> This occurs on IDL PC versions 5.2-5.5. However, it does not happen on  
> OpenVMS versions.  
>  
> The following lines will cause the error to occur:-  
>  
> FOR J=0L, 50000L DO BEGIN  
> Base=WIDGET\_BASE()  
> WIDGET\_CONTROL, Base, /DESTROY  
> ENDFOR  
>  
> Any suggestions would be welcome  
> Regards,  
> Ian

Hi Ian,

What about trying Widget\_control,/RESET? Carefully, of course...

Andrew

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