
Subject: Re: Large widget identifiers
Posted by [thompson](#) on Fri, 13 Dec 2002 17:37:18 GMT
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Hmmm, I tried your example in IDL 5.4 under both Digital Unix and Windows 95, and couldn't reproduce your error. Could it depend on the version of Windows used?

William Thompson

"Ian Dean" <ian.d.dean@baesystems.com> writes:

> 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
