Subject: Re: Large widget identifiers
Posted by Rick Towler on Fri, 13 Dec 2002 19:11:12 GMT
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"Ian Dean" <Ian.d.dean@baesystems.com> wrote

I see the same problem in IDL 5.4-5.6 on win2k sp-3. This seems to be
limited to Win2k and WinXP right now but I suspect that it affects all
versions and Bill didn't notice the "bug" in your initial test code.
Somewhere someone at RSI must have defined an uint instead of a long...

I would report this to RSI if you haven't already.

I think there is little you can do beyond restarting your application every
few days and waiting for 5.7. Who knows, maybe they'll release 5.6.1?

-Rick

> 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 occurrs 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 occurrs 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
>
>