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Subject: Large widget identifiers  
Posted by [Ian Dean](#) on Fri, 13 Dec 2002 10:59:51 GMT  
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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

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