
Subject: Re: Changes in widget behavior/appearance under IDL 4.0

Posted by [thompson](#) on Thu, 15 Jun 1995 07:00:00 GMT

[View Forum Message](#) <> [Reply to Message](#)

zawodny@arbd0.larc.nasa.gov (Joseph M Zawodny) writes:

> I am running IDL V4.0 under OSF/1 V3.0 and I have noticed that the new
> release of IDL has radically altered the appearance of my widgets. I have
> traced the "problem" to the following example.

> r = widget_label(b,value='Junk',xsize=4)

> Under previous versions of IDL this would work as expected, but under V4.0
> the text is truncated (only a fraction of a letter is visible). Dropping
> the XSIZE keyword "fixes" the problem.

> It appears that the "units" on the XSIZE keyword has changed from
> characters to pixels. ...

I also ran into this problem during the beta testing of IDL 4.0, and complained to RSI. They said that widget_label is now working corectly, that it's supposed to be in pixels. After some experimentation, I came to the conclusion that previous versions of IDL were ignoring the XSIZE and YSIZE keywords and simply sizing it based on the number of characters. We were only being fooled that the XSIZE and YSIZE keywords were doing something.

To solve this problem, we've gone through our code and removed all references to XSIZE and YSIZE in calls to WIDGET_LABEL. In my opinion, having XSIZE and YSIZE in pixels for a text label is useless.

Bill Thompson
