
Subject: Re: A whine about default device settings
Posted by [Bob\[3\]](#) on Mon, 11 Feb 2008 16:59:08 GMT
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On Feb 9, 4:42 pm, "Kenneth P. Bowman" <k-bow...@null.edu> wrote:
> The new 24-bit Z-buffer device is nice for generating graphics on a
> device without a display, as is common with servers, for example. It is
> easier to configure and use than Xvfb, for example.
>
> Unfortunately, some of the default device settings are different between
> the Z-buffer device and the X-Windows device. (I haven't checked the
> WIN device because I don't have a Windows machine).
>
> IDL> window, xsize=1024, ysize=768
> IDL> help, !d, /str
> ** Structure !DEVICE, 17 tags, length=84, data length=84:
> NAME STRING 'X'
> X_CH_SIZE LONG 6
> Y_CH_SIZE LONG 10
> IDL> set_plot, 'z'
> IDL> device, set_resolution = [1024, 768], set_pixel_depth = 24
> IDL> help, !d, /str
> ** Structure !DEVICE, 17 tags, length=84, data length=84:
> NAME STRING 'Z'
> X_CH_SIZE LONG 8
> Y_CH_SIZE LONG 12
>

Win (note: v6.4) values:

```
IDL> window, xsize=1024, ysize=768
IDL> help, !d, /str
** Structure !DEVICE, 17 tags, length=84, data length=84:
NAME      STRING  'WIN'
X_CH_SIZE LONG      7
Y_CH_SIZE LONG     10
X_PX_CM   FLOAT    32.0000
Y_PX_CM   FLOAT    32.0000
```

Fun-wow! :D
