
Subject: Re: System Variable Behavior Changed in IDL 6.0
Posted by [Dick Jackson](#) on Thu, 11 Mar 2004 21:01:22 GMT
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Hi David,

"David Fanning" <david@dfanning.com> wrote in message
news:MPG.1ab9a7d49f84162c9896f7@news.frii.com...

> Folks,

>

> I wanted to display some images today in a !P.MULTI situation.

> It used to be that my TVIMAGE program could handle !P.MULTI

> events automatically. (Don't try this at home with TV.) But

> this appeared to be broken in IDL 6.0. No !P.MULTI behavior

> at all!

>

> I traced the problem to a change in how system variables

> behave in IDL 6.0. Here is a sequence of plots in IDL 5.6.

> Notice now the !X and !Y window fields update the plot

> location as you go.

>

> [...]

>

> Here is the same sequence of commands in IDL 6.0. No updating of

> the system variables. :-(

>

> IDL> print, !Version

> { x86 Win32 Windows Microsoft Windows 6.0 Jun 27 2003 32 64}

>

> [...]

That's a bummer! Good news and bad news: mine on Windows is working
OK...

IDL> Print, !Version

{ x86 Win32 Windows Microsoft Windows 6.0 Jun 27 2003 32 64}

IDL> !P.Multi=[0,2,3]

IDL> plot, findgen(11)

IDL> print, !X.Window[0], !Y.Window[0], !X.Window[1], !Y.Window[1]

0.0562550 0.706672 0.483130 0.980005

IDL> plot, findgen(11)

IDL> print, !X.Window[0], !Y.Window[0], !X.Window[1], !Y.Window[1]

0.556255 0.706672 0.983130 0.980005

IDL> plot, findgen(11)

IDL> print, !X.Window[0], !Y.Window[0], !X.Window[1], !Y.Window[1]

0.0562550 0.373338 0.483130 0.646672

IDL> plot, findgen(11)

IDL> print, !X.Window[0], !Y.Window[0], !X.Window[1], !Y.Window[1]

```
0.556255 0.373338 0.983130 0.646672
IDL> plot, findgen(11)
IDL> print, !X.Window[0], !Y.Window[0], !X.Window[1], !Y.Window[1]
0.0562550 0.0400050 0.483130 0.313338
IDL> plot, findgen(11)
IDL> print, !X.Window[0], !Y.Window[0], !X.Window[1], !Y.Window[1]
0.556255 0.0400050 0.983130 0.313338
```

I did this at startup to the 'WIN' device, what device were you drawing to? Let us know what you find out.

Cheers,

--

-Dick

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