
Subject: Graphics Bug

Posted by [ashmall](#) on Tue, 13 Oct 1998 07:00:00 GMT

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I've found a bug that causes some of a plot to not be displayed. It occurs if a dialog box is used immediately after a plot command. Although the problem is easily solved, I got really confused since it appeared that I was missing data.

I sent this to FPS (the UK sellers of IDL) but never heard anything back; it may be of interest to some of you.

Justin.

pro colour_bug

;Justin Ashmall, 8th Sept 98, justin@ic.ac.uk

;Bug reproduced using Win NT4, Intel PII 350Mhz processor

;Using true-colour display

;IDL 5.1.1

;It seems that if a modal dialog follows immediately

;after the plot the whole display does not get updated

;(still buffered?). On my display, when the dialog

;box appears, the colour of the last ~1/8 of the sine

;curve has not changed.

;Putting in a short wait or an EMPTY command solves

;the problem.

```
,***** Define some colour variables in hex *****  
colour=['00FFFF'XL,'0000FF'XL,'00FF00'XL,$  
        'FFFF00'XL,'FF0000'XL,'FF00FF'XL,$  
        '0080FF'XL,'FFFFFF'XL]
```

```
x=findgen(1000)*2*!pi/1000
```

```
y=sin(x)
```

```
plot,x,y,COLOR=colour[7]      ;plot the lot in white first
```

```
for i=0,7 do begin
```

```
    ;over plot in various colours
```

```
    oplot,x,y,COLOR=colour[i]
```

```
    ;Uncomment either of the next 2 commands
```

```
    ;to solve the problem.
```

```
    ;wait,0.1
```

```
        ;empty
        dummy=dialog_message("Continue?")
    endfor
end
```
