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Subject: graphic functions - CopyWindow()

Posted by [Markus Schmassmann](#) on Mon, 16 Oct 2017 12:31:41 GMT

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Hi,

as illustrated in the code below, when I make a plot in direct graphics all the pixels have either the background color or the plotted color, but when I use graphic functions and then retrieve the screen with COPYWINDOW() the colors of the pixels are all over the greyscale. Setting antiAlias=0 doesn't help either.

Is there a way to retrieve a graphic function screen without expanding the colortable beyond what originally went into it for plotting?

I hope that by reducing the colortable I can reduce the file size of a video I create using the COPYWINDOW() method.

Thanks for any help,

Markus

```
p=plot(/test)
hfg =histogram(p.CopyWindow())
hfg2=histogram(p.CopyWindow(antiAlias=0))
device,decomposed=1
plot, hfg>.2,/ylog,background='FFFFFF'x,color=0
oplot, hfg2>.2,color=0
hdg=histogram(tvrd())
print, [hdg[[0,255]],total(hdg[1:254],/int)]
```

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