
Subject: Line fill in function graphics

Posted by [andeh](#) on Thu, 14 Aug 2014 13:28:15 GMT

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Hello everybody,

In the old graphics system, one could create line fills using the POLYFILL command. e.g.

```
IDL> PLOT, [0,3], [0,3], /NODATA
```

```
IDL> POLYFILL, [1,2,2,1,1], [1,1,2,2,1], /LINE_FILL, ORIENTATION=45
```

I can't find a way to replicate this in function graphics. I'd imagine I've missed something obvious?

The closest I can come is the POLYGON command, but this distorts colours underneath. e.g.

```
IDL> p0 = PLOT( [0,3], [0,3], /NODATA )
```

```
IDL> p1 = POLYGON( [1,2,2,1,1], [1,1,2,2,1], /DATA, /CURRENT,/FILL_BACKGROUND,  
FILL_COLOR='Blue', TRANSPARENCY=90)
```

Can anyone suggest an alternative other than drawing an enormous number of lines manually?!

Thanks,

Andy

Subject: Re: Line fill in function graphics

Posted by [andeh](#) on Mon, 18 Aug 2014 08:57:47 GMT

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I have found the answer!

```
IDL> p2 = POLYGON([1,2,2,1,1],[1,1,2,2,1],/DATA,/CURRENT,FILL_COLOR='Black', $  
FILL_PATTERN=OBJ_NEW('IDLgrPattern', 1, ORIENTATION=45, SPACING=10) )
```
