
Subject: Re: XYOUTS overwrites
Posted by [landers](#) on Wed, 07 Sep 1994 14:36:22 GMT
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In article <34i1qc\$1092@jurpool0.rz.uni-frankfurt.de>, frank@chaos.uni-frankfurt.dbp.de (Frank Hoffsuemmer) writes:

```
|> Hi,  
|>  
|> I want to plot some images using the TVSCL routine in IDL (ver 3.1.1).  
|> Basically, what I want to do is something like  
|>  
|> FOR counter=0,n DO BEGIN  
|>   XYOUTS, 0.1, 0.9, /NORMAL, '!3 Image Number: '+STRING(counter)  
|>   TVSCL, image(counter)  
|> ENDFOR  
|>  
|> The problem is, this way, XYOUTS doesn't clear the place before writing on it.  
|> My XYOUTS print is just one of many in the actual window, and it's not supposed to be  
|> a window- or plot-title (even if it might look like this in my example).  
|> So: how to do that??  
|> Any help appreciated. Thanx
```

Not sure I understand.... If you want the entire plot window to be erased,
then use ERASE before the XYOUTS.

If you want the area "under" the XYOUTS string to be erased first (like a
solid background rather than overlaying the string, then you could do
something like this:

```
width = !D.X_Ch_Size * STRLEN( the_string )  
height = !D.Y_Ch_Size  
blank = REPLICATE( !P.Background, width, height )  
TV, blank, x_out, y_out, /Normal  
XYOUTS, x_out, y_out, /Normal, the_string
```

This is a bit rough, and doesn't exactly center the blank area around the
text, but you can work that out for yourself....

Dave

```
|>  
|>  
|> -----  
|>  
|> Frank Hoffsuemmer           E-Mail:frank@chaos.uni-frankfurt.de
```

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Subject: Re: XYOUTS overwrites
Posted by [fast](#) on Wed, 07 Sep 1994 17:24:33 GMT
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frank@chaos.uni-frankfurt.dbp.de writes

> The problem is, this way, XYOUTS doesn't clear the place before writing on it.
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> a window- or plot-title (even if it might look like this in my example).
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A simple way to erase just under and around the text,
print the string twice; the first time, thick and of
the desired background color, the second time, thin.
Quality of the result is mixed; it depends a lot on
the font and font size.

```
xyouts, x, y, the_string, charsize=1.5, charthick=9, color=255  
xyouts, x, y, the_string, charsize=1.5, charthick=1, color=0
```

Subject: Re: XYOUTS overwrites
Posted by [scott](#) on Sat, 10 Sep 1994 00:16:54 GMT
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Frank Hoffsuemmer writes

> Hi,
>
> I want to plot some images using the TVSCL routine in IDL (ver 3.1.1).
> Basically, what I want to do is something like
>
> FOR counter=0,n DO BEGIN
> XYOUTS, 0.1, 0.9, /NORMAL, '!3 Image Number: '+STRING(counter)
> TVSCL, image(counter)
> ENDFOR

```

>
> The problem is, this way, XYOUTS doesn't clear the place before writing
on it.
> My XYOUTS print is just one of many in the actual window, and it's not
supposed to be
> a window- or plot-title (even if it might look like this in my example).
> So: how to do that??
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>
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==--==
>
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>
>
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==--==
>
>

```

Use the procedure POLYFILL to draw a white rectangle over the area in question just before calling XYOUTS.

```

--
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```
