
Subject: Clipping woes with hardware fonts...

Posted by [Richard G. French](#) on Mon, 30 Jun 1997 07:00:00 GMT

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I am having a problem with clipping. As I understand it, XYOUTS has clipping turned off by default, but setting NOCLIP=0 should turn clipping back on and prevent text from being written outside the plot axes. I've discovered that this works fine as long as you use Hershey fonts, but it does not work when you use hardware fonts. Here is a program illustrating the problem:

```
; sample code to demonstrate peculiar clipping behaviour.  
; When hardware fonts are turned on, clipping is not handled properly.
```

```
!p.multi=[0,1,2]
```

```
!p.font=-1      ; turn off hardware font  
plot,[0,1,2]  
xyouts,.5,2.05,'this shows up'  ; label off the top  
xyouts,1.5,2.05,'this is clipped properly',NOCLIP=0 ; turn on clipping
```

```
!p.font=0      ; turn on hardware font  
plot,[0,1,2]  
xyouts,.5,2.05,'this shows up'  ; label off the top  
xyouts,1.5,2.05,'this should not show up',NOCLIP=0 ; turn on clipping
```

```
end
```

```
.*****  
;
```

I have not seen this documented as a 'feature' and it is causing lots of problems with my plots. I suspect that there is a workaround using the !p.clip array, but I have not tried to figure it out yet. Am I alone in having had this problem?

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Content-Type: application/x-unknown-content-type-IDLprogramFile; name="noclipbug.pro"

Content-Transfer-Encoding: base64

Content-Disposition: inline; filename="noclipbug.pro"

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