
Subject: Re: Postscript plots squished and a plot tick problem.

Posted by [Harald Frey](#) on Mon, 28 Jun 1999 07:00:00 GMT

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Grady Daub wrote:

> When I make a postscript file with IDL, it thinks that the middle of the
> page is the bottom of the page. Is this a common problem?
>
> Also, there's another problem.
>
> Making line plots seems to have gone wrong. Even if I specify
> XTICKV,XTICKS,XTICKNAME,XRANGE, all that stuff, the first number is
> ALWAYS zero.
>
> I can't get any plot without the first value being zero. So, if I want a
> plot of (value) zero to whatever, it's ok, except if I want the first
> tick value to be, say, 10. What I get is a number 10 superimposed
> on-top-of a number zero ("0"). Kinda looks like a squished "100".
>
> If I set the first value to, say, 200 to 220, the 200-220 tickmarks are
> way over on the right of the plot and a zero is on the left end, like it
> thinks the plot should start at zero (which it's doing.). >:-<
>
> This is a new thing that JUST popped up and I've been doing nothin
> different.
> The only way to get rid of the zero is to set XTICKFORMAT not to display
> numbers, although, the plot still starts at zero.

1. As David already wrote, the default is the middle of the page and you have to set the yoffset in the device command to the appropriate value.

2. You did not provide a sample program but what I assume happens here is that you improperly use the xticks and xtichv in your call.

Just try this

```
a=findgen(20)+9.
```

```
plot,a,a,xticks=5,xtickv=findgen(6)*4+9
```

But if you try

```
plot,a,a,xticks=6,xtickv=findgen(6)*4+9
```

you will always start at 0 and in your PS output x-values may be plotted one on top of the other.

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