
Subject: Re: Xinteranimate and plots

Posted by [David Fanning](#) on Mon, 23 Apr 2007 14:58:25 GMT

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kostis writes:

```
> Im trying to animate a 3d trajectory using the tool "XInterAnimate"
> and plotting with "plots" as follows:
>
> XInterAnimate, set=[500,500,10000], /Showload ,MPEG_QUALITY=100
> .....
> for j=1,9999 do begin
>   plots, x((j-1)*200:j*200), y((j-1)*200:j*200), z((j-1)*200:j*200),
> $
>   /T3D,/DATA,Thick=1
>   XInterAnimate, Frame=j, Window=!D.Window
> endfor
> XInterAnimate
>
> The animation starts but in the middle it pops the message:
>
> % Subscript range values of the form low:high must be >= 0, < size,
>   with low <= high: X.
> % Execution halted at: ANIMATE          27 /home/kostis/PROJECT
>   LARMOR/dipole/animate.pro
> %          $MAIN$
>
> indicating the line plots... has the problem
> What does this message mean exactly??
```

I'd guess that it means your X, Y, and Z variables are not 200 times as big as your counter. That is they are not arrays of size one million.

Cheers,

David

--

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")
