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Subject: Re: Clipping IDLgrPolyLine objects?  
Posted by [davidf](#) on Thu, 17 Dec 1998 08:00:00 GMT  
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Darran Edmundson (dEdmundson@Bigfoot.com) writes:

```
> I've created my own Plot2D object that contains axes and
> any number of line plots. The user sets the axes range
> via a keyword parameter. Plots are then added via an
> object method, e.g.
>
> p = Obj_New('Plot2D', xrange=[0.0,50.0], yrange=[-0.5,0.5])
> x=findgen(100)
> p->addplot,x,sin(x)
>
> The problem is that the polyline object is not clipped to
> the box defined by the Plot2D range. If x spans a larger
> range (as it does above), the line crosses the boundary.
> While I can deal with clipping at the x endpoints easily
> enough, I can't think of a simple way to clip pieces of
> the polyline that go over the top or bottom. Is there
> a simple method of clipping polylines?
```

The simplest method is to add the lines with the OPLOT command after the plot axes have been created. I've never known it to NOT clip. How does your AddPlot method work?

Cheers,

David

Oh, wait a minute. Is this being done in OBJECT graphics? Humm. Still can't imagine it happening if the polyline object is scaled correctly. Need more info, I guess. :-(

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