
Subject: Re: IDL plot axes - how to show "range missing" squiggle?

Posted by [David Fanning](#) on Wed, 13 Jun 2007 14:32:39 GMT

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mark.t.douglas@gmail.com writes:

> Is it possible in IDL to decorate an axis with a squiggle to show that
> there is an ignored data range? Something like
>
> |--N---|-----|-----|-----|-----|
> 0 10 11 12 13 14
>
> I am 100% positive I saw an IDL-produced graphic with such a squiggle
> in it somewhere, but I can't for the life of me remember where. I
> don't know what the technical term for the squiggle is, so googling
> hasn't helped...

It is certainly possible, but you will have to be pretty intimate with PLOT keywords. :-)

In particular, you will have to know [XY]STYLE (in several incarnations, for producing exact axis scaling and for turning the drawing of some axes off as you draw others), NOERASE, NODATA, and POSITION to name just four or five that come immediately to mind.

Then, to draw the squiggle, you will have to use PLOTS.

I've done it, although I no longer have an example of it. It might take 30 minutes of effort to get it all worked out. And usually these things are one-offs, so that makes the work less than satisfying. :-)

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.")
