
Subject: Re: Y2 axis title orientation

Posted by [David Fanning](#) on Mon, 31 Jan 2011 15:57:35 GMT

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Jonathan writes:

> When the title is on the right of the axis, IDL has it 180 degrees
> rotated from what I want. My routine fixes this.
> So, what I mean by baseline is, for example, where an underline of the
> text would be. I would want it on the left for the Y2 axis, but IDL
> would put it on the right. It is as though you used XYOUTS to create a
> title and, whereas IDL would have "ORIENTATION=90", I want
> "ORIENTATION=270". This is exactly what my code does, in fact.

I played with this a little bit over the weekend.
I don't know what algorithm IDL uses to position
the axis label, but I haven't discovered it yet.
This one is pretty good, but not perfect.

For example, set the axis range from -1.5 to 1.5. It
gets even worse if you change the character size on
the axis and title to something like 1.25.

When I have done this in the past (DCBAR, for example)
I've always have to provide a "fudge" to nudge the
placement here or there depending on circumstances.

I don't think we have discovered the perfect algorithm
yet. This must be something that is written in a computer
algorithm book somewhere. I wish I knew where. :-(

Cheers,

David

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

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