Subject: Re: curve labeling program

Posted by Mirko Vukovic on Tue, 13 May 1997 07:00:00 GMT

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In article <5ks2h8$ftf@cpca3.uea.ac.uk>,
 t.osborn@uea.ac.uk wrote:
>
>
> Mirko Vukovic wrote:
> -David Fanning wrote:
> ->
> -> Hi Mirko,
> ->
> -> You write about a curve legend program:
> ->
> -> > If there is not such an animal, I'll probably write it in a day or two.
> -> > If interested in it let me know.
> ->
> -> Good luck with this. This is one of those programs (like COLORBAR)
> -> that you think will be simple but gets more and more complicated
> -> the more you get into it. It is really hard, I think, to write a
> -> *general* program.
>
> Attached is legend.pro which I got with IDL 3.0 (I think) in the user_contrib
> subdirectory, contributed by Fred Knight. I've added an option for different
> line thicknesses and have played around with the character sizes. It's
> fairly general though and is what I (almost) always use for this sort of
> thing.
>
> Cheers
>
> Tim
stuff deleted

Well, I was too impatient, and Tim's reply was too late. So now I have an
offering (well 3) to the world.

set_legend will load defaults and accept changes to them that will be
valid for the next set of legends.

put_legend puts draws the line and puts a single line of text. Most of
the positioning can be controlled and is valid for this one line only.
The idea is to call put_legend soon after a call to plot, with the same
linetype/color/psym. This is geared for calls to plot inside a loop.

finish_legend will tidy up and put up a title over the legends if so
desired.

The position of the legends is controlled in units of the plot box. The horizontal and vertical dimensions (and character sizes) are all in units of the character heights and widths.

Since the code is less then a week old, it is bound to be buggy. If interested, e-mail me (although note that my division of Varian has been sold to Novellus. So I have no idea what will my e-mail address be 4-6 weeks from now :-)).