> P.S. And, please, in the future give poor Robert a couple
> more days to bask in the glory before peppering him
> with suggestions. You have no idea how intimidating it is
> to see your e-mail piling up with immediate suggestions
> for how the code you sweated over for days can be
> improved. It doesn't help, of course, (I speak from
> experience here) that most of the suggestions are for
> improvements that (in retrospect) should have been
> completely obvious to any thinking person writing
> the code in the first place. :-(
>
>
My apologies, Robert! In my enthusiasm for the possibilities of
changing your routine, I was not intending to be critical of
what you have done. I'm still a hunter-gatherer - I hunt for
code that does more or less what I want, and gather bits and
pieces of it together. I may take a year or too for me to move
up the ladder to 'expert'. Thanks again for your hard work!
Dick

Richard G. French (rfrench@wellesley.edu) writes:

>   I'm listing these suggestions in case some of you experts out
> there will tell me that there is a better way to do it, before I take
> the time to try to do it myself!

No, no. Do it yourself. That's the way you *become* an expert!

Cheers,

David

P.S. And, please, in the future give poor Robert a couple
more days to bask in the glory before peppering him
with suggestions. You have no idea how intimidating it is
to see your e-mail piling up with immediate suggestions
for how the code you sweated over for days can be
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--
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Subject: Re: ANNOUNCE: plotconfig
Posted by Richard G. French on Sun, 21 Nov 1999 08:00:00 GMT
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"Robert S. Mallozzi" wrote:
>
> Hi all,
>
Ideas -
 I was thinking of adding some keywords to this program so that
you could pass it the actual array of data points that you want on
your own plot, and be able to set xrange, yrange, and nsum so that you
can see how the axes will actually work on your own data. I was also
going to add the xstyle and ystyle options to the plot configuration
window. Finally, I thought that it would be nice to set the window
aspect ratio so that you could have a portrait, square, or landscape
orientation.
 I recall that someone long ago may have posted another kind of
widget-based plot routine that did some of these things, and I bet it
would not be that much work to put it into object widget mode. Like
everyone else, the time is not there at the moment, but it sure looks
like it would be a nice way to set up plots!

 I'm listing these suggestions in case some of you experts out
there will tell me that there is a better way to do it, before I take
the time to try to do it myself!
Dick

Subject: Re: ANNOUNCE: plotconfig
Posted by Richard G. French on Sun, 21 Nov 1999 08:00:00 GMT
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"Robert S. Mallozzi" wrote:
>

> Hi all,
>
> I wrote an object widget tool to interactively
> configure plot parameters (line style, thickness, etc).

Now, THAT is nifty! I can see lots of possibilities for this for my
work. I'm often fiddling with the best plot format for things, and
then once I have figured it out, I want to hard-wire it into some
code for final processing - when I construct figures for publications,
I want to be able to run an IDL procedure that is completely non-
interactive, and will be guaranteed to reproduce the plot that I made
last time around. This has always been a problem with the object
graphics mode for me - I can do things interactively, but at the
end, I don't have a script that lets me reproduce the results
precisely.

My plan is to unpack your plot_config structure and turn it into
a code fragment that I can put into my final programs. This will
be a snap. I may even use your program as my first journey into
object programming, where I will add a few more of the keywords that
I tend to vary quite often for plots. I'd bet that others are
going to do the same thing.

Thanks for your very useful contribution!
Dick French
Astronomy Dept, Welleley College

Subject: Re: ANNOUNCE: plotconfig
Posted by davidf on Sun, 21 Nov 1999 08:00:00 GMT
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Robert S. Mallozzi (robert.mallozzi@msfc.nasa.gov) writes:

> I wrote an object widget tool to interactively
> configure plot parameters (line style, thickness, etc).
> It's easy to use - just set the parameters and pass
> them to PLOT via the _EXTRA keyword:
>
>   config = plotConfig ()
>   PLOT, INDGEN (10), _EXTRA = config
>
>   ; Or you can just configure and plot in one command
>   PLOT, INDGEN (10), _EXTRA = plotConfig ()

Now here we go! Is it just my imagination, or do
we really have some nice programs being offered here
in the past couple of weeks. Way to go folks! Pretty

soon we won't need RSI to do *any* of our IDL programming
for us. :-)

Cheers,

David
--
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