Subject: Re: performing time series analysis
Posted by Pavel A. Romashkin on Wed, 31 Oct 2001 18:45:11 GMT
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I think you need to start with organizing your data into a structure
array. Save it as .sav file. Then, program a simple widget interface
with list or droplist widgets to pick date/location of the profile to
plot. Inside the widget program, restore the saved file and use control
widgets to access fields in the structure.

You can get an example of how data can be organized for widget access
and some ideas how a widget interface for visualizing time series can be
built at
http://spot.colorado.edu/~romashki/idl/hc_manual.html ,
although you certainly will not need to make your data structure so convoluted.

Cheers,
Pavel

Patrick McEnaney wrote:
>
> Folks-
>
> I need to write a procedure into a widget program that will allow a
> time series analysis of depth profiles from oceanographic
> ctd/ac-9/light meter data. The first step I suspect will be a way of
> saving the profiles as I plot them (the program already plots), then
> be able to select the profiles I want to use in the time series. I'd
> like the series to show some sort of contour across the span of the
> plot as well. Any suggestions as to methodology and specific functions
> are appreciated. I've never attempted anything like this so I'm
> challenged as to where to start. All input data files are just ascii,
> tab delimited.
>
> Regards,
>
> Patrick