Subject: Re: Ploting wide plot on a small screen..
Posted by sterner on Wed, 12 Jul 1995 07:00:00 GMT
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ronm@civil.ubc.ca (Ron MacDonald) writes:

> Using PV-wave to process and plot stime series data.

> I would like to see about 5 days of data on the screen out of several
> hundred..currently I i input the first day and the last during
> execution.

> There _must_ be a way to plot the whole thing (six feet wide) and use
> the mouse to slide the display portion back and forth across it

There is, I do it quite often. I have a routine in my IDL library
called swindow that makes a scrolling window. This is done using
a draw widget so may not work directly in PV-Wave but the basic idea
is simple to port. I've made windows as big as 5900 x 7100 pixels
to view a landsat image, and one 20,000 x a few hundred to view a
long time series.

Speaking of time series, this library also contains a number of
routines related to dates and times, including a time series plot
routine (called jsplot) that seems to do reasonable time axes over
ranges from a few minutes to a few years.

You can get the library as follows:

    ftp fermi.jhuapl.edu
      login: anonymous
      password: your email address
    cd pub/idl
    get README
    bye

The text file README describes what is in the libraries, how to
get them, and how to set them up.

A web page that has more information on this library may be found at
    ftp://fermi.jhuapl.edu/www/s1r/idl/s1rlib/local_idl.html
This page has a link called "Dealing with time in IDL using the
JHU/APL/S1R library" which gives a more detailed description and
examples.

Ray Sterner   sterner@tesla.jhuapl.edu
The Johns Hopkins University   North latitude 39.16 degrees.
Applied Physics Laboratory   West longitude 76.90 degrees.

Laurel, MD 20723-6099
WWW Home page: ftp://fermi.jhuapl.edu/www/s1r/people/res/res.html