Subject: positioning oplots
Posted by jat on Tue, 04 Aug 1992 17:24:59 GMT
View Forum Message <> Reply to Message

Does anyone know how to position 'oplots' ?

I'm trying to analyze time-series data by plotting locations and
animating against time.

My particular problem arises when I have more than one plot
per window (setting !p.multi to something other than 0).

At the starting frame, I 'plot' the axes with '/nodata'. I
also save the axis endpoints from !x(y).window, in an array.

In subsequent frames I 'oplot' the data, erase it after a delay,
and 'oplot' the next frame. I try to position the data into its
respective plot by using 'position' in the 'oplot' routine with
'position' set to the saved axes for that plot. I use 'oplot' because
it's somewhat faster than 'plot', I only need to change the data, not the
axes, and it gets rid of the flickering associated with 'plot' in a loop.

Result: all my plots for subsequent frames end up in the last
plot. 'position' seems to have no effect.

Some solutions I've tried:
  (1) Setting !p.position to the axes endpoints before
calling 'oplot'... Same result.
  (2) I only really generate just one column of plots,
Thus I figured that I can adjust the data to appear on a plot other
than the last one while it is still relative to the last plot. This
sort of works, but I can tell my data is off a little bit.

If anyone has any suggestions or solutions, please e-mail to me.
--
Jatinder Singh   916-653-7564
jat@water.ca.gov ...ucbvax!ucdavis!caldwr!jat
Any opinions expressed are my own; they do not represent the DWR.