Subject: Re: interactive plotting and ps output.
Posted by Patrick Broos on Fri, 14 Apr 2000 07:00:00 GMT
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<!doctype html public "-//w3c//dtd html 4.0 transitional//en">
<html>
Theo Brauers wrote:
<blockquote TYPE=CITE> Is there anything

out which can provide interactive changing of axis, title, ...

with the full set of options of PLOT, OPLOT, AXIS, ... ?

<a href=" http://www.kfa-juelich.de/icg/icg3/MITARBEITER/th.brauers.ht
ml"> </blockquote>
Theo,
<p>Several groups have, I believe, wrapped a GUI around RSI's direct graphics

routines (plot, tv, surface, etc.).   I think there
are some such applications at the Astronomy User's Library (<A
HREF="http://idlastro.gsfc.nasa.gov/homepage.html">http://idlastro.gsfc.nasa.gov/homepage.html
</A>)
which is organized by Wayne Landsman.
<p>Our local efforts to do this kind of thing can be found as part of

a large astronomical analysis package called TARA. The GUI designs
are not

nearly as slick as the Insight stuff, but I think our tools provide
more capabilities

that are of interest to scientists. Anyway, if you want to read
about them start

with section 7 of <A HREF="
http://www.astro.psu.edu/xray/docs/TARA/TARA_users_guide/nod e1.html">
http://www.astro.psu.edu/xray/docs/TARA/TARA_users_guide/nod e1.html</A>

and if you want to play with the code go to <A
HREF="http://www.astro.psu.edu/xray/docs/TARA/">http://www.astro.psu.edu/xray/docs/TARA/</
A>
<p>Caveats:

*Since this code was _not_ written for the express purpose of sharing
with the IDL community, the header comments of the routines are not of
the quality you would expect from, say, Fanning Software Consulting.

*TARA has never been tried under Microsoft Windows (as far as I know)
and I hope to

avoid doing so for a long long time (I am happily ignorant about Windows
-- not a

good career move).
<p>Good luck with your quest,

Patrick Broos
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