Subject: Re: Xfig driver for IDL ??????
Posted by sjt on Mon, 07 Nov 1994 10:16:49 GMT
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POLCHER Jan (polcher@ella.NoSubdomain.NoDomain) wrote:
: Hi

: When I was using Splus I used to have a interface for writting xfig files.
: This is very usefull as xfig files can be edited. Something I use very often when preparing
: plots for publications.

: I was wondering if such a driver exists for IDL or is there something similar out there ?

: Thanks
: Jan Polcher

: --
: Jan Polcher TEL: -33-1-44322243
: Laboratoire de Meteorologie Dynamique / E.N.S. FAX: -33-1-43368392
: 24, rue Lhomond
: 75231 PARIS cedex 05, FRANCE

The only solution I know of is to write an Encapsulated PostScript file
from IDL (Useful hint: Always use portrait mode even for a Landscape mode
plot otherwise you'll have a horrible time when you get it into Xfig:
e.g.
set_plot, 'ps'
device, xsize=10., ysize=7.5, /centi, /port, /encapsulated)

Then include the eps file as an Eps object into Xfig at some suitable
depth (I usually use 6 unless I know I'll need more layers than that). To
remove bits you don't want, use rectangles or polygons with white filling
and 0 line width.

Another useful trick I found is that although the EPS object looks to
have a solid background on the screen when printed it doesn't, this means
that (for example) shading peaks on a graph can be done underneath the
Eps object, but with care as there appears to be a bug in something which
means that the border-width of the last object prior to an included Eps
object is ignored (I think it's a problem with Postscript as the PS file
generated appear to contain the border width but neither Ghostview not
the printer take any notice of it).

If anyone has a more elegant solution I should like to hear of it too.

--
 +----------------------+---------------------------------- --+---------+

James Tappin,	School of Physics & Space Research	O__
sjt@xun8.sr.bham.ac.uk	University of Birmingham	-- \/`
"If all else fails--read the instructions!"		
+---------- --+---------+

Subject: Re: Xfig driver for IDL ??????
Posted by geomagic on Tue, 08 Nov 1994 23:11:08 GMT
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In article <39kuqh$hdf@sun4.bham.ac.uk> sjt@xun8.sr.bham.ac.uk (James Tappin) writes:

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Greg LaCoste wrote a lex code to convert IDL Postscript files into
Xfig input. We'll put it in pub/outgoing/TRANSLATORS on
ftp.seismo.do.usbr.gov along with fig to mif and Postscript (IDL)
to mif filters.

You get what you pay for (hopefully more in this case ;).

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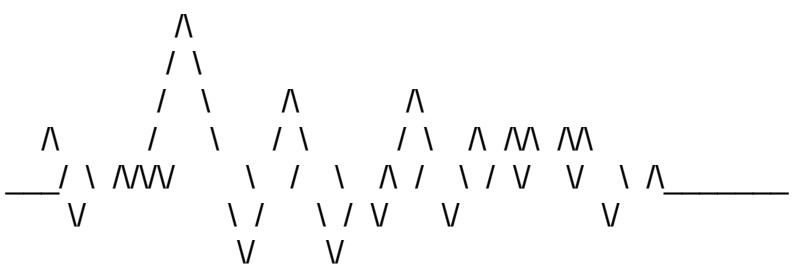
Denver Federal Center, P.O. Box 25007 D-3611, Denver, CO 80225
"We do custom earthquakes (for food)"
or
"Just more roadkill on the information superhighway"



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