Subject: Re: axis thickness

Posted by thompson on Tue, 26 May 1992 13:35:00 GMT

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In article <1992May26.111208.23708@urz.unibas.ch>, hofer@urz.unibas.ch (Remo Hofer) writes...

- > How can you define the line thickness of the axis in a plot or contour
- > statement? !P.THICK and the keyword THICK have no effect to the axis
- > plotting into a postscript file. Thanks in advance for any help.

For the axes you need to set !X.THICK and !Y.THICK as well.

Bill Thompson

Subject: Re: axis thickness

Posted by dov on Wed, 27 May 1992 08:32:49 GMT

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It's a big hazzle to change all of the various thick parameters in IDL if all you want to do is to have the graph printed on the postscript printer with *all* lines thicker. It would be very nice to have a parameter for the postscript device for multiplication of linewidth. Another option that I would like to have for postscript is to be able to specify if the line joins should be mitre, round, or bevel.

I'm including a small Perl script that multiplies the argument of linewidth in a postscript file and thus makes the lines thicker. Unfortunately it contorts stroke characters a bit, perhaps because of the line join problem.

```
#!/usr/local/bin/perl -i~
```

Program to multiply the argument of linewidth in a postscript file.

```
if (/^-m/) {$mult=shift; }
elsif (/^-h/) {
    print<<EOH</pre>
```

lwmult - Multiply the argument of linewidth in a postscript file

Usage:

shift;

lwmult [-m n] files

Description:

Multiplies the argument of linewidth in a postscript file and renames the old files to the same file name with an additional tilde character.

```
Options:
  -m n Set the multiplication factor to n (a floating point number).
      Default value is 2.
Author:
  Dov Grobgeld 1992-05-24
EOH
; exit;
  }
$mult=2 unless defined $mult;
$lastLine="";
while(<>) {
  # Case of argument for linewidth not over new line
  s/(\d+)(\s+setlinewidth)/sprintf("%g$2",$1*$mult)/ie;
  # Case of argument and 'setlinewidth' over line boundry
  if (/^\s*setlinewidth/) {
    \lambda = s/(\dot y) s^* ("\%g\n", 1*\mult)/ie;
  }
  print $lastLine;
  $lastLine=$;
  print $lastLine if eof;
}
                                 / o \ o \
Dov Grobgeld
                                       (00)0
The Weizmann Institute of Science, Israel
                                                 \ o /o o/
"Where the tree of wisdom carries oranges"
                                                   \square
                                  _| |_ _| |_
```