Subject: Re: Printing Images

Posted by zawodny on Thu, 04 Aug 1994 16:30:48 GMT

View Forum Message <> Reply to Message

In article <31qsi4\$33v@reznor.larc.nasa.gov> tai@rockola.larc.nasa.gov (Alan Tai) writes:

- > I'm having some problems printing an image to a Postscript device. By
- > using the same dimensions for the image as the X display (240 x 260),
- > the plot comes out larger than it should be (weird--I kind of expected
- > it to be a lot smaller). I tried re-scaling the image for the
- > postscript device but ended up trying in vain to congrid a 12000 x
- > 12000 byte array. Does anyone have any suggestions? Thanks.

>

> Alan

Congrid the image to the size that is appropriate for the amount of detail you wish to retain in the image (240x260 sounds like a good starting point). Then use the fact that PostScript has scaleable pixels and TV the image using the xsize, ysize, & /NORMAL keywords to scale the image correctly. This will probably entail some extra code (mostly CONVERT_COORD calls) to calculate the correct values of xsize and ysize (as well as the x and y parameters to the TV call). I once tried to use the /DATA key to TV but this did not work as expected (maybe it does now). It also did not work when I was using log axies.

--

Joseph M. Zawodny (KO4LW) NASA Langley Research Center Internet: zawodny@arbd0.larc.nasa.gov MS-475, Hampton VA, 23681-0001

TCP/IP: ko4lw@ko4lw.ampr.org Packet: ko4lw@n4hog.va.usa