
Subject: Re: Printing Images

Posted by [zawodny](#) on Thu, 04 Aug 1994 16:30:48 GMT

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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 axes.

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