
Subject: Re: Printing Images

Posted by [sjt](#) on Thu, 04 Aug 1994 16:50:11 GMT

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Alan Tai (tai@rockola.larc.nasa.gov) wrote:

: 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

Let's suppose for the sake of argument you want your image to come out
10cm square on the print device and that it is in the array image, then a
suitable piece of code might be:

```
if (!d.flags and 1) eq 1) then tv, image, xsize=10., ysize=10, /centi $  
else  
    tv, image
```

This checks if the device has scalable pixels (I think PS is currently
the only one that does, but it's as well to be general) [N.B. be careful
about the parentheses when working with !d.flags in this case it's O.K.
but for others missing them out will mess up precedences], and if the
pixels are scalable then it plots the image 10cm square, otherwise it
just plots it normally. The problem you were having is that for scalable
devices an image is by default plotted as big as possible.

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"If all else fails--read the instructions!"

O
-- V