Subject: Re: Postscript output mods
Posted by S. Penzes on Mon, 06 Jan 2003 20:17:39 GMT

S. Penzes wrote:
> Sorry for what must be an oft asked question. What is the best way to
> rotate my landscape Postscript output 90 degrees? Do I modify the
> "plot, oplot, etc commands? Is there a keyword to the PS device? Do I
> have to do the rotation with a PS program (aside: will ghostview do the
> job) before I insert it into my MS Word?
> Thanks
> Steve
>
Sorry people. I meant 180 degrees ... he says hoping to forestall all
the comments about using Portrait.
Steve

Subject: Re: Postscript output mods
Posted by David Fanning on Mon, 06 Jan 2003 20:50:05 GMT

S. Penzes (Steven.Penzes@drdc-rddc.gc.ca) writes:

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>> job) before I insert it into my MS Word?
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> Sorry people. I meant 180 degrees ... he says hoping to forestall all
> the comments about using Portrait.

The problem is that PostScript (apparently) doesn't have a standard
for what "landscape" is suppose to be. For example, if you open these
files up in Ghostview and orient them as "seascape", they appear
correctly. There is a "Swap Landscape" button in Ghostview do to this
automatically. Here is what the documentation says about it:

****

When the Swap Landscape option is checked, GSview swaps the meaning of
Landscape and Seascape. Most of the Landscape documents that I have
encountered require a 90 clockwise rotation of the paper to view.
However, there is no standard and some documents need to be rotated the
other way. The Swap Landscape button allows GSview to automatically

rotate the document the right way in response to the %%Orientation
comment in the PostScript file.
****

In any case, everything I've ever put PostScript files in has the
ability to "flip" the image quickly. It doesn't seem to be much of
a problem.

You could try putting your own orientation comments into the PostScript
file with the OUTPUT keyword to the DEVICE command. Let us know if you
get something like that to work.

Cheers,

David

--
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Phone: 970-221-0438, E-mail: david@dfanning.com
Coyote's Guide to IDL Programming: http://www.dfanning.com/
Toll-Free IDL Book Orders: 1-888-461-0155

Subject: Re: Postscript output mods
Posted by fardal on Fri, 10 Jan 2003 20:57:51 GMT
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"S. Penzes" <Steven.Penzes@drdc-rddc.gc.ca> wrote in message
news:<1041884260.331402@coyote>...

> Sorry people. I meant 180 degrees ... he says hoping to forestall all
> the comments about using Portrait.

Don't know how to do this in IDL. It sure is annoying when all your
other programs think it should be oriented the other way. You didn't
say what your platform was... If you have the pstops command (common on
linux) you can say

  pstops '0U(8.5in,11in)' infile.ps outfile.ps

There is probably a program on any platform to do something similar,
or you can write it yourself with the advice here:
  http://www.physics.ohio-state.edu/~faqomatic/fom-serve/cache /140.html

I would use a hack like the one below to automate the rotation (type dclose
instead of device,/close to finish the file).

Mark Fardal

University of Victoria


```
;returns currently open ps file
;THIS IS DANGEROUS--RSI MAY CHANGE HELP FORMAT
function getpsfile

on_error, 2
if (!d.name ne 'PS') then message, 'Not in PS device.'

help,/device,output=helptxt
file = (strsplit( strcompress( strtrim( helptxt[2], 2 ) ), ' ' ,/extract))[1]
if (file eq '<none>') then file = 'idl.ps'

return, file
end


pro dclose

filename = getpsfile()

device,/close

spawn, 'pstops "0U(8.5in,11in)" '+filename+' idl_tmp.ps'
spawn, 'mv -f idl_tmp.ps ' + filename

return
end
```

Subject: Re: Postscript output mods
Posted by R.Bauer on Sat, 11 Jan 2003 21:53:37 GMT
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David Fanning wrote:

Dear S and David,

we have tried a lot of things to get idl output right rotated in landscape.
It's impossible at the moment, so we have done a feature request.

Some of us are working on a routine which will write the rotation postscript
command into the postscriptfile for each page.
It is not finished. Sometimes it works ...

One more feature of this routine is to set the right boundingbox for eps
files.

Reimar

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>
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>
> Cheers,
>
> David

--
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