Subject: Re: page orientation
Posted by davidf on Thu, 10 Aug 2000 07:00:00 GMT

Craig Markwardt (craigmnet@cow.physics.wisc.edu) writes:

> I have always experienced the "upside-down" landscape problem, and
> have never figured out how to fix it within IDL. Unless you are in
> the southern hemisphere? :-)

I just thought of another reason why RSI should leave
this alone.

If the page was really rotated to landscape mode (as
opposed to seascape mode) then the Y offset, which
currently points in the -X direction, would be pointing...
let's see, in the positive X direction and the X offset
would have to be subtracted, let's see, from the short
page side. Or...do I have this backwards? :-(

Cheers,

David

--
David Fanning, Ph.D.
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Coyote's Guide to IDL Programming: http://www.dfanning.com/
Toll-Free IDL Book Orders: 1-888-461-0155

Subject: Re: page orientation
Posted by davidf on Thu, 10 Aug 2000 07:00:00 GMT

Craig Markwardt (craigmnet@cow.physics.wisc.edu) writes:

> Yes David, the seascape menu item does work, but it would be better if
> IDL just worked as well as 99.9% of the other software out there.

You guys are so picky. Don't you think "seascape" has
a more romantic connotation? Or is it just because I
live in the mountains?

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Subject: Re: page orientation
Posted by Craig Markwardt on Thu, 10 Aug 2000 07:00:00 GMT
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Kyung Byun <kbyun@fas.harvard.edu> writes:

> Hi--
> I was wondering if anyone knew how to set the device (or plot) so
> as to relocate the origin of a landscaped .ps plot, or
> rotate the image some more? Specifically, I am using the following:
>
> SET_PLOT,'ps'
> DEVICE, /LANDSCAPE, filename=path+outFile+'.ps'
...
> DEVICE, /CLOSE
>
>
> ...and the result I get when I plop these .ps plots into a script that
> makes a web site with links to them is that the plots are upside
> down when viewed in Ghostview! I couldn't find a useful keyword for
> rotating images in either DEVICE or PLOT.

I have always experienced the "upside-down" landscape problem, and
have never figured out how to fix it within IDL. Unless you are in
the southern hemisphere? :-)

Solutions are:

 * post-process the postscript. I use "xfig" under Unix every once in
   a while to rotate PS figures. You could probably cobble something
   together with sed or perl or something that does the same. I
   beleive that there are just a few lines that need to be changed in
   the postscript.

 * do it in portrait mode. I think, with the right choice of XSIZE
   and YSIZE, you can even have a graphic that is shaped like
   landscape mode paper, but is actually done in portrait mode.

 * if you are doing graphics for the web, why not do GIF anyway?

Yes David, the seascape menu item does work, but it would be better if
IDL just worked as well as 99.9% of the other software out there.

Craig

--
 --- --------------
Craig B. Markwardt, Ph.D.   EMAIL: craigmnet@cow.physics.wisc.edu
Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response
 --- --------------

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> makes a web site with links to them is that the plots are upside
> down when viewed in Ghostview! I couldn't find a useful keyword for
> rotating images in either DEVICE or PLOT.

I think it would just be easier to set the Ghostview orientation
button to Seascape. :-)

Cheers,

David

--
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Subject: Re: page orientation
Posted by davidf on Fri, 11 Aug 2000 07:00:00 GMT
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Martin Schultz (martin.schultz@dkrz.de) writes:

> I would vote for a development environment that is upside down, too.
> Since IDL is by far the most important application running on any
> computer in the world, it should be ok then to turn the monitor upside
> down. I am sure other software companies will soon follow so you will
> never have to turn your monitor again. And then, finally, hardware
> builders will catch up and deliver the monitors in upside down mode with
> the stand on top.

Now this is the kind of "outside-the-box" thinking
that distinguishes world-class IDL programmers!

Well done, Martin! :-)

Cheers,

David

P.S. I've passed your suggestion along to the folks
in Redmond, who I hear are thinking of acting on it
immediately.

--
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Martin

--

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