
Subject: Coyote Graphics PS/PDF output size/orientation
Posted by [Paul Levine](#) on Tue, 13 Aug 2013 23:19:18 GMT
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Greetings,

I've been getting into the Coyote's Guide to Traditional IDL graphics, and am starting to make better use of the Coyote Graphics system. Good stuff!

I am creating some plots with multiple cg commands (cgAxis, cgOplot, etc.) along with al_legend. The graphics window itself displays in a landscape orientation, using the default 640 x 512 window size, which is what I want. If I create a PNG output, using either the Coyote Graphics window "File" drop-down menu, or using cgControl, Output='filename.png', then I end up with a 640 x 512 pixel PNG, which is what I expect. All good so far.

But when I output to PostScript or PDF, using either the Coyote Graphics window "File" drop-down menu, or using cgControl, Output='filename.ps/pdf', I end up with an 8.5 x 11 inch file with my plot rotated 90 degrees counterclockwise. The aspect ratio of my plot is correct, so if I rotate the page, everything looks good, except that I have excess whitespace on either side. Also, I'd like to programmatically create lots of PDF files as output, so having to rotate each of them will be a bit cumbersome (I'm sure I can automate that outside of IDL, but would prefer to learn how to do it right the first time).

Do I need to be wrapping my graphics commands with ps_start and ps_end so that I can explicitly specify the /landscape keyword to ps_start?

I am using Mac OS X 10.8.4 with GPL GhostScript 9.07 and the newest version of Coyote Graphics (downloaded today)

Thanks,
Paul
