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Subject: Re: iTools: lines too thick to publish?

Posted by [K. Bowman](#) on Wed, 08 Nov 2006 14:48:14 GMT

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In article <1162995004.698259.125340@k70g2000cwa.googlegroups.com>, "Dave" <Confused.Scientist@gmail.com> wrote:

- > "Regarding figures 2, 3 and 6, the line thickness in each panel should
- > be changed for clarity. Thin lines should have a thickness of 0.5 pt.
- > While thicker lines may be used for emphasis, I recommend the lines be
- > no thicker than 2 pt."

Different journals have different standards. Yours must use a higher quality printer than ours, as 0.25 and 0.5 pt lines can be hard to see in some of our printed journals. (Who said AGU?)

- > I can generate a TIFF file using iMap but it isn't obvious how I can
- > set the resolution to 1200 dpi or what the width/height of the figure
- > should be in pixels. In general, I much prefer EPS files for
- > line-based drawings. Changing the line widths in CorelDraw 12 was
- > quite simple but I still wish I could avoid this step in the future.

I agree wholeheartedly. The price we pay for screaming fast, 3-D, bitmapped graphics on our computer displays is ... bitmapped graphics in our printed output. :-|

I find Illustrator to be indispensable for graphics because it can save IDL PS output as PDF (for presentations and embedding into TeX documents) and EPS (for submission to journals). I generally convert PS to PDF for manuscript preparation and graphics tweaking, then at the very last step, when the publisher wants final figures, save each figure as EPS and submit. CorelDraw may do this just as well, but there hasn't been a Mac version in a long time.

Ken Bowman

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