
Subject: Alternative (user-defined) device drivers???

Posted by [ryba](#) on Tue, 27 Apr 1993 18:10:34 GMT

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In our laboratory, the use of IDL and PV-Wave is increasing, and we have come across one bottleneck: our Publications department. The graphic arts people use (I believe) Adobe Illustrator on MacIntosh's. They are loath to incorporate user-supplied graphics in Encapsulated PostScript or such, since it is impossible to edit, and I'm not sure if Illustrator supports CGM files. Besides, CGM doesn't support some of the niceties of PostScript (e.g., Helvetica-Bold at correct point size). Illustrator does have a device-independent Interchange Format, and someone at the lab has written a plotting program (at least for XY plots) that can output EPS or this interchange format. What I'd like to do is build a device driver for this format inside IDL so I can utilize the full power of IDL in graphics for submission. Currently, Pubs just scans and hand-edits the graphics--a real waste of time. Would this be possible to implement? Or should I beat on Pubs to accept EPSI and/or CGM?

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