Subject: Alternative (user-defined) device drivers???
Posted by ryba on Tue, 27 Apr 1993 18:10:34 GMT

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) Abobe 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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Dr. Marty Ryba | Generation X:
Group 101 - Air Defense Techniques |
MIT Lincoln Laboratory | Too young to be cynical,
ryba@ll.mit.edu | too old to be optimistic.