
Subject: Re: embedding fonts in eps files

Posted by [Maarten\[1\]](#) on Tue, 16 May 2006 11:16:53 GMT

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George N. White III wrote:

>> 1 - Convert the eps to pdf (epstopdf that comes with TeX distributions
>> will do just fine).

>

> I'm not sure this step is neecessary -- perhaps it helps with certain
> files that call themselves EPS but really are something quite different.

Without out this step I've had problems with the epswrite module not being able to find the fonts. Since pdf includes the fonts (the URW replacements that is), and epstopdf knows where to find them, this step just adds some convenience.

Note that for some types of IDL graphics, you want to avoid jpeg compression that epstopdf uses by default on bitmaps. --nocompress might come in handy.

>> 2 - Now the tricky bit: obtaining an eps file without the fonts:

>>

>> gs -dNOPAUSE -dNOCACHE -dBATC -sDEVICE=epswrite \

>> -sOutputFile=your-output-file.eps \

>> your-source-file.pdf

>>

>> (change file-names as needed)

>>

>> This will replace the fonts with their outlines, and produce an eps

>> file that is perfectly acceptable (it doesn't rely on external files at

>> all).

>

> The tricky thing here is to know that the "-dNOCACHE" converts fonts to

> outline paths, without it you get bitmaps!

No, without it, the original fonts will be referenced. Be aware though that the -dNOCACHE is considered a debug option, and that some versions of gs do not support it properly. (some versions between 8.00 (which worked) and 8.51 and later (which work too). Somewhere in between, things didn't work.

Maarten
