

IBMpc EPS (Encapsulated PostScript) to Macintosh EPS v2.0

Apple File Exchange Translator

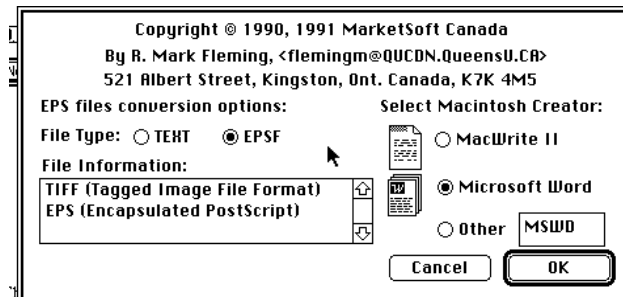
ShareWare \$10.00

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521 Albert Street
Kingston, Ont.
Canada, K7K 4M5

<markf@post.QueensU.CA>

Place the “**EPSF (IBMpc to Mac)**” file into the same folder as Apple File Exchange application, the next time use start Apple File Exchange this translator will be available in the “Mac to Mac” menu or the MS-Dos to Mac” menu.

You can select the Macintosh file type and creator. Some applications allow only file of Macintosh type 'EPSF' as a file type, some also allow 'TEXT' as a file type. Setting the file type to TEXT allows you to read the file into a word processor (or BBEdit a very good text editor) and check if it is a True EPSF file (see discussion at the end of this document). Encapsulated PostScript File on the IBMpc come in two formats: Plain ASCII files, and binary files with a header that describes the EPSF's PostScript commands and preview image (TIFF or Metafile) section of the file. This translator will accept both types of file and produce a EPS file on the Macintosh with (if one existed as a TIFF preview image) or without the preview image. Version 2.0 included this option, to convert TIFF preview image to Macintosh EPSF PICT preview images (sorry no option to convert Window's META preview image). An option was also added, to add the PostScript command "showpage" to end of EPSF file was added. This allows you to send EPSF file to printer without inbedding them into another document to print them. The showpage command is disable when an EPSF file is inbedded into another file, so it does not matter if you include it, some application automatically include it when they create an EPSF file, other don't. The following dialog window is display, for each selected EPS file. It can be used to select the Macintosh file type and creator.



Sample log message:

```
Translating from Mac to Mac, 11/1/91, 10:27:29
CERT2.EPS --> CERT2.EPS.t {EPSF IBMpc to EPSF Mac}
File(s) formats:
EPS (Encapsulated PostScript) file size (in Bytes):420416
TIFF (Tagged Image File Format) file size (in Bytes):26406
Translation finished, 11/1/91, 10:28:11
```

This is a Shareware program, if you copy and use this translator please send a cheque for \$10.00 (make cheques payable to: R. Mark Fleming) to:

By R. Mark Fleming
521 Albert Street, Kingston, Ont.
Canada, K7K 4M5
(613) 545-2039 (work)

You can send request for other translators, bug reports and suggestions to: markf@post.QueensU.CA

Many IBMpc software do **not** create true EPSF files your EPS file should start/end with something like this (not all comments { ie. lines starting with %%} are needed):

```
%!PS-Adobe-3.0 EPSF-2.0
%%Creator: Windows PSCRIPT
```

```
%%Title: Document2 name
%%BoundingBox: 18 19 593 774
%%DocumentNeededResources: (atend)
%%DocumentSuppliedResources: (atend)
%%DocumentFonts: (atend)
%%DocumentNeededFonts: (atend)
%%EndComments
```

....

```
%%Trailer
%%DocumentSuppliedResources: procset Win35Diet 3 1
%%DocumentFonts: Times-Roman Times-Italic
%%DocumentNeededResources:
%%DocumentNeededFonts: Times-Roman Times-Italic
%%EOF
```

NOTE: Items listed after: **%%DocumentNeededResources** and **%%DocumentNeededFonts** are possible problems.

- If the fonts listed are NOT in the printer then you need to include them in the EPSF file or download them to the printer.
- If the ProcSets listed in **%%DocumentNeededResources** must be downloaded or inserted in the file at the location of the **%%InsertResource: <xxx>** comment.

The following postscript operators can **NOT** be used in EPSF files:

banddevice, exitserver, initmatrix, setshared, clear, framedevice, quit, startjob, cleardictstack, grestoreall, renderbands, copypage, initclip, setglobal, erasepage, initgraphics, setpagedevice

The following operators can be used **with care**:

nulldevice, sethalftone, setscreen, undefinefont, setgstate, setmatrix, settransfer

For more information see:

PostScript Language Reference Manual, 2nd, Adobe Systems Inc., Addison-Wesley Publishing Company, Inc. ISBN 0-201-18127-4

History...

- V1.0.1 Fix minor bug in missing EOF on ASCII text files, and added information about encapsulated postscript files in this document.
- V1.0.2 Added code to support AFE "Show only eligible files" option. Only files starting with '%!PS' or the correct binary EPSF header will be listed as eligible files.
- V2.0.0 Added options to add the PostScript command, convert TIFF preview image.

Other translators that I have written (as of Oct. 1st, 1993): WordStar to RTF v1.02; dBase II, III, & IV to CSV v1.0.4; Windows (.BMP) to PICT2 V1.02; TIFF IBMpc to Mac V2.00